

**GOVERNMENT OF BIHAR**  
**BUILDING CONSTRUCTION DEPARTMENT**

**SCHEDULE OF RATES**

**VOLUME-1**

**SIXTH EDITION**

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## प्रस्तावना

बिहार लोक निर्माण संहिता के कंडिका-103 एवं बिहार सरकार, पथ निर्माण विभाग द्वारा निर्गत संकल्प सह पठित पत्रांक-01/बी-12-2003-5762 (एस) डब्ल्यू0 ई0 पटना दिनांक- 05.06.2006 के आलोक में राज्यस्तरीय अनुसूचित दर निर्धारण समिति पथ निर्माण विभाग द्वारा अनुमोदित सामग्रियों का दर, श्रमदर एवं कार्य मदों के फारमेट के आधार पर भवन निर्माण विभाग के लिये डी0एस0आर0-2007/2012 (सी0पी0डब्लू0डी0) के प्रावधान के अनुरूप अनुसूचित दर का प्रथम संस्करण-01.07.2008 द्वितीय संस्करण-16.01.2009, तृतीय संस्करण दिनांक- 24.11.2009,चतुर्थ संस्करण दिनांक- 15.06.2011 एवं पंचम संस्करण दिनांक- 16.07.2012 से लागू किया गया था। राज्यस्तरीय अनुसूचित दर निर्धारण समिति द्वारा दिये गये सामग्रियों, श्रमदर के पुनरीक्षण एवं अन्य निर्णय के आलोक में दिनांक-16.07.2012 से प्रभावी अनुसूचित दर को पुनरीक्षण करना आवश्यक हो गया था। इस परिपेक्ष्य में भवन निर्माण विभाग द्वारा संशोधित श्रमदर, सामग्री मद इत्यादि के राज्य स्तरीय अनुसूचित दर निर्धारण समिति द्वारा अनुमोदित दरों के आधार पर दिनांक-11.08.2013 से प्रभावी अनुसूचित दर का पुनरीक्षण किया गया है, जिसमें निम्नलिखित प्रावधान किये गये हैं:-

❖ संयोजक, राज्य स्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियंता प्रमुख, पथ निर्माण विभाग, बिहार, पटना के पत्रांक-मु0नि0(पथ) 76 अनु0 पटना, दिनांक-09.07.2013 के आलोक में सीमेंट, स्टील एवं अन्य सामग्रियों के बेसिक दरों का पुनरीक्षण किया गया है, तदनुसार इन सामग्रियों से संबंधित कार्य मदों के दरों का भी पुनरीक्षण किया गया है।

❖ संयोजक, राज्य स्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियंता प्रमुख, पथ निर्माण विभाग, बिहार, पटना के पत्रांक-64 अनु0 दिनांक- 17.06.2013 के आलोक में श्रमदर का पुनरीक्षण के फलस्वरूप कार्यमदों के दर विश्लेषणों में इसका समावेश किया गया है।

❖ संयोजक, राज्य स्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियंता प्रमुख, पथ निर्माण विभाग, बिहार, पटना के पत्रांक-93 अनु0 दिनांक-01.10.2012 के आलोक में ईट के दर का पुनरीक्षण एवं स्टोनएग्रीगेट तथा बालू के बेसिक दरों का पथ निर्माण विभाग में दिनांक 01.04.2013 से लागू अनुसूचित दर के आधार पर पुनरीक्षण कर तदनुसार इन सामग्रियों से संबंधित कार्यमदों का पुनरीक्षण किया गया है।

❖ पूर्व की भाँति प्रस्तुत अनुसूचित दर में भी सीमेंट एवं ईट का दर गया असैनिक प्रमंडल के लिए अनुमोदित दर जो कि वर्तमान में राज्यस्तरीय अनुसूचित दर निर्धारण समिति द्वारा अनुमोदित विभिन्न जोनों के लिए सीमेंट एवं ईट के दर में न्यूनतम है, को आधार मानकर अनुसूचित दर तैयार किया गया है।

❖ मोटा बालू (Coarse Sand), ईट एवं स्टोन एग्रीगेट का दर श्रोत पर लिया गया है।

❖ संयोजक, राज्य स्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियंता प्रमुख-सह-अपर आयुक्त-सह-विशेष सचिव, पथ निर्माण विभाग, बिहार, पटना के पत्रांक-मु0नि0(पथ) 76 अनु0 पटना, दिनांक-09.07.2013 के आलोक में अनुमोदित सामग्रियों की ढुलाई दर को पुनरीक्षण दर में शामिल किया गया है।

❖ संयोजक, राज्य स्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियंता प्रमुख-सह-अपर आयुक्त-सह-विशेष सचिव, पथ निर्माण विभाग, बिहार, पटना के पत्रांक-मु0नि0(पथ) 30 दि0-27.04.2011 के आलोक में वैसे स्थल जहाँ पर रेलवे द्वारा निर्माण सामग्रियों की ढुलाई सम्भव है। वहाँ पर रोड एवं रेलवे दोनों के द्वारा Carriage of Material का दर प्राप्त किया जाय तथा दोनों में से न्यूनतम दर को ही प्रयोग में लाया जाय।

❖ ईट, बालू, चीप्स आदि के लिए अधिकतम लीड एवं कैरिज का दर दिनांक-01.07.2008 से लागू अनुसूचित दर के प्रस्तावना में उल्लेखित कंडिकाओं के अनुसार ही प्रावधान किया गया है।



❖ संयोजक, राज्य स्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियंता प्रमुख-सह-अपर आयुक्त-सह-विशेष सचिव, पथ निर्माण विभाग, बिहार, पटना के पत्रांक-मु0नि0(पथ) 30 पटना, दिनांक-27.04.2011 के अनुसार TATA, SAIL, VIZAG का स्टील प्रयोग निर्माण कार्यों में किया जाना है, क्योंकि दर विश्लेषण में स्टील का दर इन तीनों कम्पनियों द्वारा दिए गए कोटेशन के आधार पर लिया गया है।

❖ दर विश्लेषण में श्रमिक कल्याण कोष हेतु 1% (एक प्रतिशत ) सेस का प्रावधान किया गया है।

❖ समिति के निर्णयानुसार सक्षम पदाधिकारी, निर्माण कार्य क्षेत्र से जोन के अनुसार ही सीमेंट, ईट के निर्धारित दर का प्रयोग करेंगे और इसके अनुसार दर में अंतर की राशि को प्राक्कलन में जोड़ेंगे या घटावेंगे।

❖ अनुसूचित दर के पुनरीक्षण एवं वर्तमान संस्करण को तैयार करने में यथा संभव सावधानी बरती गई है, फिर भी ऐसी सम्भावना है कि इस अनुसूचित दर को तैयार करने में कुछ त्रुटि रह गई हो तो जो व्यवहार में लाने के क्रम में दृष्टिगोचर हो सकती है। ऐसी स्थिति में अनुरोध है कि उन त्रुटियों को विभागीय अनुसूचित दर निर्धारण समिति के जानकारी में अविलम्ब दी जाय ताकि विचारोपरांत उन त्रुटियों का समुचित निराकरण किया जा सके। प्रायः यह देखा जा रहा है कि क्षेत्रीय स्तर से कोई सुझाव इत्यादि समय पर नहीं प्राप्त हो रहे हैं, जिससे अनुसूचित दर को और भी ज्यादा व्यवहारिक और उपयोगी बनाना में असहजता महसूस की जा रही है।

इस अनुसूचित दर पुस्तिका के सभी उपयोग करने वाले को यह परामर्श दिया जाता है कि इनके द्वारा कार्यमद के दर विश्लेषण एवं विशिष्टियों का गहन अध्ययन अवश्य करें एवं इससे संबंधित सुझाव विभाग को उपलब्ध कराना सुनिश्चित करें।

भवन निर्माण विभाग, बिहार, पटना के अनुसूचित दर के पुनरीक्षण एवं वर्तमान संस्करण को तैयार करने में तथा उसे प्रभावी बनाने में निम्नलिखित पदाधिकारियों का अथक परिश्रम एवं सहयोग रहा है जिसके लिए विभाग इसकी सराहना करती है।

1. श्री गिरीशानन्दन सिंह,

अभियंता प्रमुख के सचिव प्रावैधिक,  
भवन निर्माण विभाग, बिहार, पटना।

2. श्री राम बाबू प्रसाद,

योजना अभियंता, (उत्तर उपभाग),

भवन निर्माण विभाग, बिहार, पटना।

श्री राजन चौधरी ऑटो कैड ऑपरेटर बिहार राज्य भवन निर्माण निगम एवं भवन निर्माण विभाग के अन्य कर्मचारीगण का उनके महत्वपूर्ण सहयोग के लिए सराहना करती है।

राज्य अनुसूचित दर निर्धारण समिति के अध्यक्ष एवं सभी सदस्यों के साथ-साथ विभागीय अनुसूचित दर निर्धारण समिति के सभी सदस्यों श्री रमेश कुमार, मुख्य अभियंता (दक्षिण उपभाग), भवन निर्माण विभाग, बिहार, पटना, श्री नवीन कुमार, मुख्य अभियंता (उत्तर उपभाग), भवन निर्माण विभाग, बिहार, पटना को भी अनुसूचित पुस्तिका के पुनरीक्षण, सहयोग एवं सुझावों के लिए उनके प्रति अभार प्रगट किया जाता है। श्री चंचल कुमार, सचिव, भवन निर्माण विभाग, बिहार, पटना एवं श्री गंगा कुमार, विशेष सचिव, भवन निर्माण विभाग, बिहार, पटना को उनके मार्ग दर्शन, प्रेरणा एवं दर पुनरीक्षण हेतु उनके द्वारा दिये गये मूल्यवान सुझाव के लिए कृतज्ञता व्यक्त की जाती है।

यह पुनरीक्षण अनुसूचित दर दिनांक-11.08.2013 से प्रभावी किया जाता है।

(राजेन्द्र प्रसाद चौधरी)

अभियंता प्रमुख-सह अपर आयुक्त-सह विशेष सचिव  
भवन निर्माण विभाग, बिहार, पटना।

5

बिहार सरकार  
राज्य स्तरीय अनुसूचित दर निर्धारण समिति  
पथ निर्माण विभाग, बिहार, पटना।  
E-mail ID-sorred2012@gmail.com

पत्रांक:- मु0नि0(पथ)39/2013  
प्रेषक,

76 (अनु0)

/दिनांक:- 09-07-13

अधीक्षण अभियंता,  
मुख्यालय निरूपण अंचल,  
पथ निर्माण विभाग, बिहार, पटना।

सेवा में,

1. अभियंता प्रमुख,  
ग्रामीण कार्य विभाग सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
2. अभियंता प्रमुख,  
जल संसाधन विभाग सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
3. अभियंता प्रमुख,  
लोक स्वास्थ्य अभियंत्रण विभाग सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
4. अभियंता प्रमुख,  
तकनीकी परीक्षक कोषांग (निगरानी) विभाग सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
5. अभियंता प्रमुख,  
भवन निर्माण विभाग सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
6. परियोजना संयोजक,  
नलकूप प्रभाग, लघु जल संसाधन विभाग सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
7. मुख्य अभियंता, (असैनिक)  
बिहार स्टेट पावर होल्डिंग कंपनी लिमिटेड, सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
8. मुख्य अभियंता,  
उर्जा विभाग सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।

विषय:- राज्य स्तरीय अनुसूचित दर निर्धारण समिति द्वारा दिनांक-08.07.2013 की बैठक में लिये गये निर्णयानुसार सीमेंट, बिटुमेन, स्टील, Fly Ash brick एवं Plant & Machinery तथा भवन निर्माण विभाग से प्राप्त मदों की स्वीकृति सूची के प्रेषण के संबंध में।

महाराज,

उपरोक्त विषय के संबंध में कहना है कि दिनांक-08.07.2013 की बैठक में राज्य स्तरीय अनुसूचित दर निर्धारण समिति द्वारा अनुमोदित सीमेंट, बिटुमेन एवं स्टील की पुनरीक्षित दर की सूची "M1", "M2", "M3A", "M3B", "M4", "M5", "M6", "M8", "M9", "M10A", Fly Ash brick एवं Plant & Machinery तथा भवन निर्माण विभाग से प्राप्त मदों की स्वीकृति संबंधित सूची आवश्यक कार्रवाई हेतु संलग्न की जा रही है।

अनु0-निर्णय की छाया प्रति संलग्न।

विश्वासभाजन

(आनन्द किशोर प्रसाद)  
अधीक्षण अभियंता,  
मुख्यालय निरूपण अंचल,  
पथ निर्माण विभाग, बिहार, पटना  
मो0 नं0-9431115443

**दिनांक 08.07.2013 को आहूत राज्यस्तरीय अनुसूचित दर निर्धारण समिति की बैठक की कार्यवाही में लिये गये निर्णय :-**

दिनांक-08.07.2013 की बैठक में विचार-विमर्श हुआ जिसमें निम्नलिखित निर्णय लिया गये-

**(i) Steel, Bitumen एवं Cement के अद्यतन करने के संबंध में ।**

विभिन्न अनुमोदित निर्माणकर्ताओं से प्राप्त निर्माण सामग्रियों यथा Steel, Bitumen, Cement आदि के बढ़े हुए/घटे हुए दर को न्यूनतम दर के आधार पर संलग्न सूची (Schedule "M5", "M6", "M8", "M9", "M10A""M4", "M1", "M2", "M3A", एवं "M3B",) के अनुसार अद्यतन करने का निर्णय लिया गया।

**(ii) Fly Ash Brick के दर को अद्यतन करने के संबंध में-**

पूर्व में राज्य स्तरीय अनुसूचित दर निर्धारण समिति द्वारा दिनांक-28.12.12 की बैठक में Fly Ash Brick का दर प्रति हजार रू0 4,501/- (without C.P.) एवं रू0 4,952/- (with C.P.) अनुमोदित किया गया था।

वर्तमान में बढ़े हुए श्रम दर, डीजल एवं सीमेंट के बढ़े हुए दर, वन एवं पर्यावरण विभाग से प्राप्त प्रस्ताव तथा प्राप्त विभिन्न कोटेशन के आलोक में Fly Ash Brick का दर पुर्ननिर्धारित करना आवश्यक था। इसके लिए Fly Ash Brick का दर विश्लेषण एवं दर की गणना की गई है, जो कि Appendix "A" के रूप में संलग्न है।

इस प्रकार बढ़े हुए श्रम दर, डीजल एवं सीमेंट के बढ़े हुए दर के आलोक में Fly Ash Brick (Size 230mm x 110mm x 70mm, wt=3kg) का दर At source (Kiln Site पर) रू0 5,606/- प्रति हजार (with C.P.) आता है, जो कि VAT/Sale Tax रहित है तथा Kiln Site से Work Site तक Carriage शामिल नहीं है। जिसे राज्य स्तरीय अनुसूचित दर निर्धारण समिति के सदस्यों द्वारा पूर्ण विचारोपरान्त एवं सर्वसम्मति से अनुमोदित करने का निर्णय लिया गया।

**(iii) Plant & Machinery के दर अद्यतन करने के संबंध में**

यांत्रिक विभाग द्वारा दिये गये विभिन्न Plant & Machinery के 23 मदों का दर बढ़े हुए डीजल के दर के गणना के आधार पर यांत्रिक उपभाग से प्राप्त प्रस्ताव के आधार पर अनुमोदित करने का निर्णय लिया गया।



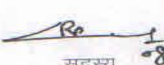
शेष Plant & Machinery के Hire charge के संबंध में यांत्रिक उपभाग से प्रस्ताव मांगा गया है। जिसे प्राप्त होते ही उपयोगकर्ता के आवश्यकता पड़ने पर इस पर विचार किया जायेगा।


(iv) अभियंता प्रमुख-सह-अपर आयुक्त भवन निमाण विभाग से प्राप्त भवन -निर्माण से संबंधित मदों की स्वीकृति तत्कालीन DSR एवं उस पर बढ़े हुए Price Index के आधार पर संलग्न विवरणी के अनुसार प्रदान करने का निर्णय लिया गया।


(v) जल संसाधन विभाग के प्रस्ताव पर Crane के Hire Charge के निर्धारण के संबंध में।

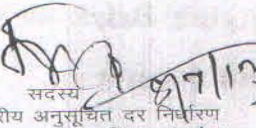
01.04.2013 से लागु अनुसूचित दर में P&M 011, P&M 012 एवं P&M 013 में क्रमश 80 Tonne, 35 Tonne एवं 3 Tonne के क्षमता वाले क्रेन का दर का उल्लेख है।

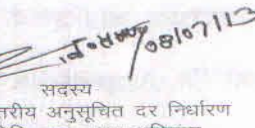
जल संसाधन विभाग से अनुरोध किया जा सकता है कि अगर विशेष क्षमता एवं कार्य वाले Crane के दर विश्लेषण की आवश्यकता है तो वे इसका दर विश्लेषण तैयार कर समर्पित करे ताकि यांत्रिक उपभाग के सहयोग से जाँच कर अनुमोदन हेतु अगले बैठक में रखा जा सके।

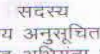
  
सदस्य  
8/7/13  
राज्यस्तरीय अनुसूचित दर निर्धारण  
समिति-सह-अभियंता प्रमुख,  
भवन निर्माण विभाग, बिहार, पटना


  
सदस्य  
राज्यस्तरीय अनुसूचित दर निर्धारण  
समिति-सह-अभियंता प्रमुख  
जल संसाधन विभाग, बिहार पटना।

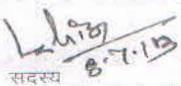
  
सदस्य  
राज्यस्तरीय अनुसूचित दर निर्धारण  
समिति-सह-परियोजना संयोजक,  
नल कूप प्रभाग, लघु जल संसाधन,  
विभाग, बिहार, पटना


  
सदस्य  
8/7/13  
राज्यस्तरीय अनुसूचित दर निर्धारण  
समिति-सह-मुख्य अभियंता (असे0)  
बिहार स्टेट पावर होल्डींग कम्पनी लि0  
बिहार,पटना।

  
सदस्य  
राज्यस्तरीय अनुसूचित दर निर्धारण  
समिति-सह-मुख्य अभियंता  
ऊर्जा विभाग, बिहार पटना।

  
सदस्य  
राज्यस्तरीय अनुसूचित दर निर्धारण  
समिति सह अभियंता प्रमुख  
तकनीकी परीक्षण कोषांग,  
निगरानी विभाग, बिहार, पटना।

  
सदस्य  
राज्यस्तरीय अनुसूचित दर निर्धारण  
समिति सह-अभियंता प्रमुख, लोक  
स्वास्थ्य अभियंत्रण विभाग, बिहार, पटना

  
सदस्य  
8.7.13  
राज्यस्तरीय अनुसूचित दर निर्धारण  
समिति - सह-अभियंता प्रमुख  
ग्रामीण कार्य विभाग, बिहार, पटना

  
संयोजक  
राज्यस्तरीय अनुसूचित दर निर्धारण  
समिति- सह-अभियंता प्रमुख  
पथ निर्माण विभाग, बिहार, पटना

बिहार सरकार

राज्य स्तरीय अनुसूचित दर निर्धारण समिति  
मुख्यालय निरूपण अंचल  
पथ निर्माण विभाग, बिहार, पटना।

Email ID- sorrcd2012@gmail.com

पत्रांक - मु0 नि0 (पथ) 04 / 2006 - 64(अ६) पटना / दिनांक 17/06/13

प्रक,

अधीक्षण अभियंता,  
मुख्यालय निरूपण अंचल,  
पथ निर्माण विभाग, बिहार, पटना।

सेवा में,

1. अभियंता प्रमुख-सह-अपर आयुक्त-सह-विशेष सचिव,  
ग्रामीण कार्य विभाग, सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
2. अभियंता प्रमुख-सह-अपर आयुक्त-सह-विशेष सचिव,  
जल संसाधन विभाग, सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
3. अभियंता प्रमुख-सह-विशेष सचिव,  
लोक स्वास्थ्य अभियंत्रण विभाग, सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
4. अभियंता प्रमुख,  
तकनीकी परीक्षक कोषांग, निगरानी विभाग, सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
5. अभियंता प्रमुख-सह-अपर आयुक्त, भवन निर्माण विभाग, सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति बिहार,पटना।
6. परियोजना संयोजक,  
नलकूप प्रभाग (लघु जल संसाधन विभाग) सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति,  
बिहार, पटना।
7. मुख्य अभियंता (असैनिक),  
बिहार राज्य विद्युत बोर्ड सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
8. मुख्य अभियंता,  
ऊर्जा विभाग, सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।

विषय: दिनांक-03.04.2013 से प्रभावी श्रम दर एवं Coarse Sand at Doriganj (equivalent to Koilwar Sand) के संबंध में।

महाशय,

उपरोक्त विषयक राज्य स्तरीय अनुसूचित दर निर्धारण समिति की दिनांक-14.06.2013 को बैठक में लिये गये निर्णय की कार्यवाही (अनुलग्नक के साथ) सूचनार्थ एवं आवश्यक कार्रवाई हेतु समर्पित की जा रही है।  
अमु0-यथोक्त।

विश्वासभाजन



अधीक्षण अभियंता,  
मुख्यालय निरूपण अंचल,  
पथ निर्माण विभाग, बिहार, पटना।  
मोबाईल नं0- 9431115443



**दिनांक- 14.06.13 को आहुत राज्य स्तरीय अनुसूचित दर निर्धारण समिति की बैठक की कार्यवाही में लिए गये निर्णय:-----**

उपरिस्थिति:-

1. श्रम संसाधन विभाग, बिहार, पटना की अधिसूचना संख्या-268, दिनांक-03.04.2013 के आलोक में पथ निर्माण कार्यों में प्रयुक्त 72 प्रकार के विभिन्न कर्मियों तथा बाँध निर्माण एवं सिंचाई कार्यों के लिए प्रयुक्त 71 प्रकार के कर्मियों के न्यूनतम दैनिक श्रम दर का अनुमोदन सदस्यों द्वारा सर्वसम्मति एवं पूर्ण विचारोपरान्त अनुसूची -1 एवं 11 के अनुसार करने का निर्णय लिया गया तथा समिति के सदस्यों द्वारा निर्णय लिया गया कि यह दर भवन निर्माण, ग्रामीण कार्य विभाग, लोक स्वास्थ्य अभियंत्रण विभाग एवं अन्य कार्य विभाग के अन्तर्गत कराये जाने वाले निर्माण कार्यों के उपयोग में भी लाया जा सकता है।

2. Output and performance Based Road Maintenance Contract के तहत पथों के संधारण में प्रयुक्त किये जाने वाले भवन निर्माण विभाग के निम्न मदों यथा जो Plastering, Pointing and white washing का दर पथ निर्माण विभाग के अनुसूचित दर में शामिल नहीं होने के कारण भवन निर्माण विभाग के अद्यतन SOR जो 17.07.12 से लागु है, को व्यवहार में लाने का निर्णय लिया गया।

**3. Cost of coarse sand at doriganj equivalent to koilwar sand**

Calculation is as follows--

The rate of coarse sand at Doriganj on 28-05-2012=Rs.254.72

The rate of coarse sand at Doriganj on 28-05-2012 without Royalty=Rs.204.72(Royalty@ RS. 50.0 per cum)

The rate of Aggregate is calculated as per RBI price index(as on 1.04.2013) of 1.36% for Non-metallic minerals( without Royalty ).

Therefore rate of coarse sand at Doriganj=207.50. ✓

**The rate coarse sand at Doriganj (equivalent to Koilwar sand) with Royalty=Rs.257.50**

सदस्य 14/6/13  
राज्य स्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियंता प्रमुख, भवन निर्माण विभाग, बिहार, पटना।

सदस्य 14/6/13  
राज्य स्तरीय अनुसूचित दर निर्धारण समिति-सह-मुख्य अभियंता (असैनिक) बिहार राज्य बिजली बोर्ड, बिहार, पटना।

सदस्य 14/6/13  
राज्य स्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियंता प्रमुख, जल संसाधन विभाग, बिहार, पटना।

सदस्य 14/6/13  
राज्य स्तरीय अनुसूचित दर निर्धारण समिति-सह-मुख्य अभियंता, ऊर्जा विभाग, बिहार, पटना।

सदस्य 14.6.13  
राज्य स्तरीय अनुसूचित दर निर्धारण समिति-सह-परियोजना संयोजक, नलकूप प्रभाग, लघु जल संसाधन विभाग, बिहार, पटना।

सदस्य 14/6/13  
राज्य स्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियंता प्रमुख, तकनीकी परीक्षण कोषांग, निगरानी विभाग, बिहार, पटना।

संयोजक 14/6/13  
राज्य स्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियंता प्रमुख, पथ निर्माण विभाग, बिहार, पटना।

सदस्य 14/6/13  
राज्य स्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियंता प्रमुख, लोक स्वास्थ्य अभियंत्रण विभाग, बिहार, पटना।

सदस्य 14.6.13  
राज्य स्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियंता प्रमुख, ग्रामीण कार्य विभाग, बिहार, पटना।



## बिहार सरकार

राज्य स्तरीय अनुसूचित दर निर्धारण समिति,  
पथ निर्माण विभाग, बिहार, पटना।

पत्रांक - मु0 नि0 (पथ) 34 / 2012 - 93(अनु०) पटना / दिनांक - 01/10/12

प्रेषक,



बबन राम,  
संयोजक,  
राज्यस्तरीय अनुसूचित दर निर्धारण समिति  
-सह- अभियंता प्रमुख-सह-अपर आयुक्त-सह-विशेष सचिव,  
पथ निर्माण विभाग, बिहार, पटना।

सेवा में,

1. अभियंता प्रमुख,  
जल संसाधन विभाग, सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
2. अभियंता प्रमुख,  
ग्रामीण कार्य विभाग, सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
3. अभियंता प्रमुख,  
लोक स्वास्थ्य अभियंत्रण विभाग, सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
4. अभियंता प्रमुख,  
तकनीकी परीक्षक कोषांग, निगरानी विभाग, सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
5. अभियंता प्रमुख,  
भवन निर्माण विभाग, सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
6. परियोजना संयोजक,  
नलकूप प्रभाग (लघु जल संसाधन विभाग) सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
7. मुख्य अभियंता (असैनिक),  
बिहार राज्य विद्युत बोर्ड सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
8. मुख्य अभियंता,  
ऊर्जा विभाग, सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।

विषय: राज्यस्तरीय अनुसूचित दर निर्धारण समिति द्वारा दिनांक-27.09.2012 की बैठक में लिये गये निगर्यानुसार ईट, सिमेंट, स्टील एवं बिटुमेन के पुनरीक्षित दर की सूची का प्रेषण।

महाशय,

उपरोक्त विषय के संबंध में कहना है कि दिनांक 27.09.2012 की बैठक में राज्यस्तरीय अनुसूचित दर निर्धारण समिति द्वारा अनुमोदित ईट सिमेंट, स्टील, एवं बिटुमेन के पुनरीक्षित दर की सूची "M1","M2," "M3A", "M3B", "M4", "M5", "M6", "M8", "M9", "M10A" एवं "M11" का

कृ०पृ०उ०



38)

आवश्यक कारवाई हेतु संलग्न कर प्रेषित की जा रही है।

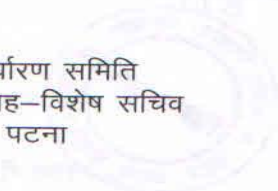
अनु० :- यथोक्त।

विश्वसिभाजन

*(Signature)*  
(बबन राम)

संयोजक,

राज्य स्तरीय अनुसूचित दर निर्धारण समिति  
-सह-अभियंता प्रमुख-सह-अपर आयुक्त-सह-विशेष सचिव  
पथ निर्माण विभाग, बिहार, पटना



*(Handwritten notes and signatures)*  
विश्वसिभाजन  
संयोजक  
राज्य स्तरीय अनुसूचित दर निर्धारण समिति  
पथ निर्माण विभाग, बिहार, पटना

# **RAILWAY ROUTE CHART**

## **&**

# **FREIGHT**

## बिहार सरकार

राज्य स्तरीय अनुसूचित दर निर्धारण समिति  
पथ निर्माण विभाग, बिहार, पटना।

पत्रांक - मु0 नि0 (पथ) 12 / 2007

25 (अनु)

पटना/दिनांक 21/03/11

प्रेषक,

बबन राम  
संयोजक,  
राज्य स्तरीय अनुसूचित दर निर्धारण समिति  
-सह-अभियंता प्रमुख, पथ निर्माण विभाग,  
बिहार, पटना

सेवा में,

1. अभियंता प्रमुख,  
ग्रामीण कार्य विभाग, सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
2. अभियंता प्रमुख,  
जल संसाधन विभाग, सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
3. अभियंता प्रमुख,  
लोक स्वास्थ्य अभियंत्रण विभाग, सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार,  
पटना।
4. अभियंता प्रमुख,  
तकनीकी परीक्षक कोषांग, निगरानी विभाग, सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति,  
बिहार, पटना।
5. अभियंता प्रमुख,  
भवन निर्माण विभाग, सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
6. परियोजना संयोजक,  
नलकूप प्रभाग (लघु जल संसाधन विभाग) सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति,  
बिहार, पटना।
7. मुख्य अभियंता (असैनिक)  
बिहार राज्य विद्युत बोर्ड सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
8. मुख्य अभियंता  
ऊर्जा विभाग, सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।

विषय:- रेल मंत्रालय (रेलवे बोर्ड) भारत सरकार, महाप्रबंधक (परिचालन)/(वाणिज्य) द्वारा प्रेषित माल  
दुलाई हेतु Route Chart के संबंध में।

प्रसंग:- रेलवे बोर्ड का पत्रांक 2009/टी-टी III/S/27/1, नई दिल्ली, दिनांक 06.10.2009.

महाशय,

उपर्युक्त विषयांकित प्रासंगिक पत्र की प्रति सुलभ अवलोकन एवं अग्रतर कार्रवाई हेतु  
भेजी जा रही है। ज्ञातव्य हो कि पूर्व में भी इसकी छायाप्रति विभाग के सभी मुख्य अभियंताओं  
को भेजी जा चुकी है।

P.T.O

अनुरोध है कि रेलवे द्वारा माल ढुलाई हेतु दूरी की गणना इस चार्ट द्वारा की जाये।  
इसकी सूचना अपने अधीनस्थ कार्यालयों को भी दी जाय।

अनु०:- यथोक्त।

विश्वासभाजन

१३/०३/११

(बबन राम)

संयोजक,

राज्य स्तरीय अनुसूचित दर निर्धारण समिति

—सह—अभियंता प्रमुख,

पथ निर्माण विभाग, बिहार, पटना

पत्रांक :-

२५ (अनु०)

पटना, दिनांक ३१/०३/११

प्रतिलिपि :- अभियंता प्रमुख के सचिव (प्रावैधिक), पथ निर्माण विभाग, बिहार, पटना/सभी मुख्य अभियंता, पथ निर्माण विभाग, बिहार, पटना/ मुख्य अभियंता, भवन निर्माण विभाग, बिहार, पटना/ मुख्य अभियंता, ग्रामीण कार्य विभाग, बिहार, पटना/प्रबंध निदेशक, बिहार राज्य पुल निर्माण निगम/प्रबंध निदेशक, बिहार राज्य पथ विकास निगम/सभी अधीक्षण अभियंता (राष्ट्रीय उच्च पथ सहित), पथ निर्माण विभाग को अनुलग्नक की प्रति के साथ सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

१३/०३/११

(बबन राम)

संयोजक,

राज्य स्तरीय अनुसूचित दर निर्धारण समिति

—सह—अभियंता प्रमुख,

पथ निर्माण विभाग, बिहार, पटना

## बिहार सरकार

राज्य स्तरीय अनुसूचित दर निर्धारण समिति  
पथ निर्माण विभाग, बिहार, पटना।

पत्रांक - मु0 नि0 (पथ) 12/2007 - 100 (2007) पटना/दिनांक 06/10/2009

प्रेषक,

रामध्यान राम,  
संयोजक,  
राज्य स्तरीय अनुसूचित दर निर्धारण समिति  
-सह- अभियंता प्रमुख-सह-अपर आयुक्त-सह-  
विशेष सचिव, पथ निर्माण विभाग, बिहार, पटना।

सेवा में,

1. मुख्य अभियंता,  
राष्ट्रीय उच्च पथ, पथ निर्माण विभाग, बिहार, पटना।
2. मुख्य अभियंता,  
दक्षिण बिहार उपभाग, पथ निर्माण विभाग, बिहार, पटना।
3. मुख्य अभियंता,  
उत्तर बिहार उपभाग, पथ निर्माण विभाग, बिहार, पटना।
4. मुख्य अभियंता,  
केन्द्रीय निरूपण संगठन, पथ निर्माण विभाग, बिहार, पटना।

विषय :- रेल मंत्रालय (रेलवे बोर्ड), भारत सरकार, महाप्रबंधक (परिचालन)/(वाणिज्य)  
द्वारा प्रेषित माल ढुलाई हेतु Route Chart के संबंध में।

प्रसंग :- रेलवे बोर्ड का पत्रांक 2009/टी-टी-III/S/27/1, नई दिल्ली दिनांक 06.10.2009.

महाशय,

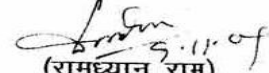
उपर्युक्त विषयांकित एवं प्रासंगिक पत्र की प्रति जो रेलवे द्वारा माल ढुलाई से संबंधित Route Chart है, सुलभ अवलोकन हेतु भेजी जाती है।

अनुरोध है कि रेलवे द्वारा माल ढुलाई हेतु दूरी की गणना इस चार्ट द्वारा की जाये। इसकी सूचना अधीनस्थ कार्यालयों को भी दी जाय।

सूचनार्थ

अनु0 :- यथोक्त।

विश्वासभाजन

  
(रामध्यान राम)  
संयोजक,

राज्य स्तरीय अनुसूचित दर निर्धारण समिति  
-सह-अभियंता प्रमुख-सह-अपर आयुक्त-सह-  
विशेष सचिव, पथ निर्माण विभाग, बिहार, पटना

Government of India (Bharat Sarkar )  
Ministry of Railways ( Rail Mantralaya )  
(Railway Board)

No. 2009/TT-III/S/27/1

New Delhi, dt. 6-10-2009

The General Managers (Operating)/(Commercial),  
All Indian Railways including Production Units

**GENERAL ORDER NO. 1/2009  
(RATIONALISATION SCHEME)  
(EFFECTIVE FROM 15.10.2009)**

Whereas in the opinion of the Railway Board it is necessary to do so in the public interest:

Now, therefore, in exercise of the powers conferred by Section 71 of the Railways Act, 1989 (24 of 1989) read with notification of the Government of India in the Ministry of Railways number G.S.R. 53(E) dated the 23<sup>rd</sup> January, 1995, the Railway Board hereby directs that all Railway Administration shall carry, unless it is necessary to divert such wagons for operational convenience after the consignments are booked, any goods or class of goods by such route or routes as specified in this order:

13/10/09  
182  
13.10.09  
14110  
14/10/09

operational convenience  
S.O. 12 - Committee  
14/10/09  
136  
15-10-09

Handwritten signature and date: 24/10/09

2/-



| S.No.                                                                      | From                                                                                                                               | To                                                                                                                                                                      | Via                                                                               |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>1 Eastern Railway</b>                                                   |                                                                                                                                    |                                                                                                                                                                         |                                                                                   |
| 1.1                                                                        | Coal Traffic from PANEM served by Pakur                                                                                            | Destinations on N.R. and N.C.R.                                                                                                                                         | via Pakur-Sainthia-Andal-Pradhankhunta-Mughalsarai                                |
| <b>2 East Coast Railway</b>                                                |                                                                                                                                    |                                                                                                                                                                         |                                                                                   |
| 2.1                                                                        | All goods traffic                                                                                                                  | Stations reached via Cuttuck except stations on Nergundi-Cuttuck-Paradeep section                                                                                       | via Barang-Kapilas Road-bye pass avoiding Cuttuck                                 |
| 2.2                                                                        | All Goods traffic loaded on ECOR, SCR and SR (except for traffic originating/terminating on the section Jakhapura - Jarauli - DPS) | To destinations for which shortest route is Jakhapura-Nayagarh-Jarauli-Baspani                                                                                          | via Bhadrak                                                                       |
| <b>3 Northern Railway</b>                                                  |                                                                                                                                    |                                                                                                                                                                         |                                                                                   |
| 3.1                                                                        | All Goods Traffic                                                                                                                  | Destinations reached via Delhi Area or originating / terminating in Delhi Area                                                                                          | via Goods Avoiding Line/Delhi Avoiding Line/Tughalakabad which ever is applicable |
| Note: (1) Traffic for Subzi Mandi will also be routed by the direct route. |                                                                                                                                    |                                                                                                                                                                         |                                                                                   |
| 3.2                                                                        | All Goods Traffic from and via Varanasi                                                                                            | Lucknow and beyond                                                                                                                                                      | via Janghai - Pratapgarh - Rai Bareilly                                           |
| 3.3                                                                        | Foodgrains traffic originating on Northern Railway and Jodhpur and Bikaner Divisions of North Western Railway                      | Station on Nagpur - Rourkela ( excl.) section including Raipur - Vizianagaram and Jharsuguda - Titlagarh sections for which the shorter route is via Anuppur - Bilaspur | Via Itarsi - Amla - Nagpur / Ajni Bye Pass.                                       |

Contd.../3/

**4**

**North Eastern Railway**

- 4.1 All goods traffic from stations of ER, ECR, SER and ECOR and vice versa To stations on CR, WCR, NR, NCR, NWR and WR and vice versa for which the present shortest route is via MGS-BSB-MBS-ALY via Mughalsarai Mirzapur-Allahabad

**5**

**South Eastern Railway**

- 5.1 Iron Ore traffic from Barsuan - Bondamunda section of S.E. Railway To stations for which shortest route is via Jaruli - Jakhpura and to stations on Kharagpur-Bhadrak-Jhakhpura -Vizianagaram (inclusive) section, Jhakhpura - Paradeep Port and Jhakhpura - Budhapank Via Tatanagar - Kharagpur- Bhadrak subject to observing Para 2.1 above.

- 5.2 Iron ore traffic originating at Bolanikhadan, Barbil, Barajamda, Gua, Noamundi and Dongoaposi stations and their associate sidings on South Eastern Railway Stations on Jaruli-Jakhpura-Cuttack-Paradeep section for which the shortest route is via Banspani-Jaruli-Jakhpura Via Tatanagar-Kharagpur-Bhadrak

- 5.3 Iron ore traffic originating at Bolanikhadan, Barbil, Barajamda, Gua and Noamundi stations and their associate sidings on South Eastern Railway -Stations on Kapilas Road - Barang Bye pass and stations on Barang - Visakhapatnam section and via Duvada for which the shortest route is via Banspani-Jaruli-Jakhpura Via Tatanagar - Kharagpur - Bhadrak subject to observing Para 2.1 above.

**6**

**South East Central Railway**

- 6.1 Coal from Korea-Rewa Coal field of Bilaspur Division of SECR Stations on Central and via Via Katni Marwara (KMZ)

*Amrita*  
6.10.09

Contd... 4/-



- |     |                                                                                                                                                                                           |                                                                                                   |                                                  |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------|
| 6.2 | Coal from Korea-Rewa Coal field of Bilaspur Division of SECR                                                                                                                              | Stations on Southern and South Central Railway and Stations of Bombay Division of Western Railway | Via Katni Marwara (KMZ)-Bina-Khandwa-Bhusaval    |
| 6.3 | All goods traffic originating on main line of Bilaspur Division {Jharsuguda (exclusive) - Durg (Inclusive) and Uslapur (exclusive)} including all branch lines connected on this section. | Stations on Vadodara & Rajkot Divisions of Western Railway                                        | Via Nagpur - Bhusawal - Jalgaon - Surat.         |
| 6.4 | All Goods Traffic originating from Bhilai Steel Plant and Durg                                                                                                                            | Stations on Southern Railway                                                                      | via Nagpur- Balharshah instead of via R.V. line. |

7. The provisions of the Rationalisation Scheme shall not apply to Over Dimensional Consignments, POL traffic and edible salt i.e. salt for human consumption.


8. The rate to be charged will be those chargeable by the route specified above.

9. The provisions of the Rationalisation Scheme will also apply to the branch lines connected with the different sections covered by the Rationalisation Scheme General Order unless categorically specified otherwise.

10. This order is issued in suppression of General Order No. 1/2008 issued under Board's letter No. 2008/TT-III/27/1 dated 11.06.2008 and will come into force with effect from 15.10.2009 and unless cancelled earlier will remain in force up to 31.10.2010.

Please acknowledge receipt.

DA: 25 spares

  
(Sarat Kumar)  
Joint Director Traffic Transp.  
Railway Board

No. 2009/TT-III(S)/27/1

New Delhi, dt: 6-10-09

Copy forwarded for information and necessary action to:

1. The Joint Director (Rail Movement), Eastern Railway House, Fairlie Place, 17, N.S. Road, Kolkata.
2. The FA&CAOs, All Indian Railways.
3. ADAI (Railways) with 10 copies spare, 2<sup>nd</sup> floor, Rail Bhawan, New Delhi.
4. The Principal, Railway Staff College, Vadodara.
5. Managing Director, Centre for Railway Information System (CRIS), Chanakya Puri New Delhi.
6. The CAO, FOIS C/o CRIS, Chanakyapuri, New Delhi.
7. The Managing Director, Container Corporation of India Ltd. (CONCOR), CONCO Bhavan, C-3 Mathura Road, Opposite Apollo Hospital, New Delhi 110076
8. Managing Director, Konkan Railway Corporation Limited, Belapur Bhavan, Plot No.6 Sector 11, CBD, Belapur, Navi Mumbai 400614.
9. The Cabinet Secretariat, Rashtrapati Bhawan, New Delhi.
10. The Planning Commission, Yojna Bhawan, New Delhi.
11. All Ministries of Government of India.
12. The Chief Secretaries, All State Governments.
13. The Salt Commissioner, 2-A Lawan Bhawan, Lawan Marg, Jhalana Dhungari, Post Box No. 139, Jaipur - 302 004.
14. The Dy. Director General, Railway Movement, Army Headquarters, QMG Branch, DHQ P.O. Sena Bhawan, New Delhi.
15. The Director, Indian Bureau of Mines, Nagpur.
16. The Traffic Manager, Kolkata Port Trust Railway, Kolkata.
17. The Manager, Madras Port Trust Railway, Chennai
18. The Manager, Bombay Port Trust Railway, Mumbai
19. The Chief Traffic Manager, FCI, 16-20 Barakhamba Lane, New Delhi.
20. The Dy. Traffic Manager (Movement) Rates, FCI, 16-20 Barakhamba Lane, New Delhi.
21. The Coal Controller, 1 Council House Street, Kolkata.
22. The State Trading Corporation of India, Chandralok, 30<sup>th</sup> Janpath, New Delhi.
23. The Chairman, Paradeep Port Trust, Paradip Port, Orissa 754142
24. The Chairman, Tuticorin Port Trust, Tuticorin, 628004.
25. The Chairman, Cochin Port Trust, Willington Island, cochin 682009.
26. The Chairman, Chennai Port Trust, Chennai 600001.
27. The Chairman, Kandala Port Trust, P.O.Box. No.50, Administrative Building Gandhidham, Kutch, 370201.

(Sanat Kumar)

Joint Director Trans.  
Railway Board

EDTT(M), EDTT(S), EDTT(F), EDFM, EDPM, EDFC, ED(C&IS), EDV (T), EDP, ED(T&C), ED (LRDSS), E.D.A. DTT(G), DTT(COORD), DF(C), DTC (G), DPM, Dir(T&C), DFM, DFA, DF(CCA), DTC (R), Dir(FM), JDTT(POL) CHG/CONTROL,DDTC(CR), DTT(F), DDTT(V), DDTT-III(M), DDTT-III(NB),DDTT-I, DDTC(R),TT-I, TT-II, TT-IV, TT-V, FC, TC (CR), TC-I, TC-II, TC-III, TC-IV, TC (FM), Branches of Railway Board.



**भारतीय रेल सम्मेलन**  
**INDIAN RAILWAY CONFERENCE ASSOCIATION**

**माल भाड़ा दर तालिकाएं**  
**FREIGHT RATE TABLES**

**भारतीय रेलों पर लागू**  
**APPLICABLE ON INDIAN RAILWAYS**

**(27.12.2010 से लागू)**  
**(with effect from December 27, 2010)**

**माल भाड़ा दर सूची संख्या 45 (भाग II)**  
**GOODS TARIFF NO. 45 (PART II)**

**वर्ग - LR<sub>4</sub> से वर्ग - 100**

**की**

**माल भाड़ा दरें**

**FREIGHT RATES**

**FOR**

**CLASS - LR<sub>4</sub> TO CLASS - 100**

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ANNEXURE  
RC No. 07 of 2012

| FREIGHT RATE PER TONNE |                      |                      |                      |                      |                      |
|------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Distance<br>Kilometres | Class<br>LR4<br>(Rs) | Class<br>LR3<br>(Rs) | Class<br>LR2<br>(Rs) | Class<br>LR1<br>(Rs) | Class<br>100<br>(Rs) |
| (1)                    | (2)                  | (3)                  | (4)                  | (5)                  | (6)                  |
| 1 - 100                | 60.10                | 70.10                | 80.10                | 90.10                | 100.10               |
| 101 - 125              | 70.90                | 82.70                | 94.50                | 106.30               | 118.10               |
| 126 - 150              | 82.40                | 96.10                | 109.80               | 123.60               | 137.30               |
| 151 - 175              | 92.30                | 107.70               | 123.10               | 138.50               | 153.90               |
| 176 - 200              | 103.20               | 120.40               | 137.60               | 154.80               | 172.00               |
| 201 - 225              | 113.30               | 132.20               | 151.00               | 169.90               | 188.80               |
| 226 - 250              | 124.10               | 144.80               | 165.50               | 186.20               | 206.90               |
| 251 - 275              | 134.90               | 157.40               | 179.90               | 202.40               | 224.90               |
| 276 - 300              | 145.80               | 170.10               | 194.40               | 218.70               | 243.00               |
| 301 - 325              | 155.90               | 181.90               | 207.80               | 233.80               | 259.80               |
| 326 - 350              | 166.40               | 194.20               | 221.90               | 249.70               | 277.40               |
| 351 - 375              | 176.90               | 206.40               | 235.80               | 265.30               | 294.80               |
| 376 - 400              | 187.70               | 219.00               | 250.20               | 281.50               | 312.80               |
| 401 - 425              | 198.40               | 231.40               | 264.50               | 297.50               | 330.60               |
| 426 - 450              | 209.20               | 244.10               | 279.00               | 313.80               | 348.70               |
| 451 - 475              | 219.70               | 256.30               | 293.00               | 329.60               | 366.20               |
| 476 - 500              | 230.70               | 269.20               | 307.60               | 346.10               | 384.50               |
| 501 - 550              | 252.50               | 294.60               | 336.60               | 378.70               | 420.80               |
| 551 - 600              | 274.00               | 319.70               | 365.40               | 411.00               | 456.70               |
| 601 - 650              | 295.40               | 344.70               | 393.90               | 443.20               | 492.40               |
| 651 - 700              | 316.70               | 369.50               | 422.30               | 475.10               | 527.90               |
| 701 - 750              | 338.10               | 394.50               | 450.80               | 507.20               | 563.50               |
| 751 - 800              | 359.30               | 419.20               | 479.00               | 538.90               | 598.80               |
| 801 - 850              | 380.40               | 443.80               | 507.20               | 570.60               | 634.00               |
| 851 - 900              | 401.30               | 468.20               | 535.10               | 602.00               | 668.90               |
| 901 - 950              | 422.30               | 492.70               | 563.10               | 633.50               | 703.90               |
| 951 - 1000             | 443.20               | 517.10               | 591.00               | 664.80               | 738.70               |
| 1001 - 1100            | 485.70               | 566.70               | 647.60               | 728.60               | 809.50               |
| 1101 - 1200            | 528.10               | 616.10               | 704.10               | 792.10               | 880.10               |
| 1201 - 1300            | 570.30               | 665.40               | 760.40               | 855.50               | 950.50               |
| 1301 - 1400            | 612.40               | 714.40               | 816.50               | 918.50               | 1020.60              |
| 1401 - 1500            | 654.40               | 763.40               | 872.50               | 981.50               | 1090.60              |
| 1501 - 1750            | 748.60               | 873.30               | 998.10               | 1122.80              | 1247.60              |
| 1751 - 2000            | 821.00               | 957.90               | 1094.70              | 1231.60              | 1368.40              |
| 2001 - 2500            | 932.70               | 1088.20              | 1243.60              | 1399.10              | 1554.50              |
| 2501 - 3000            | 1050.20              | 1225.30              | 1400.30              | 1575.40              | 1750.40              |
| 3001 - 3500            | 1161.10              | 1354.60              | 1548.10              | 1741.60              | 1935.10              |

Hemant

S. S. S.

|                        |  | FREIGHT RATE PER TONNE |                      |                      |                      |                      |
|------------------------|--|------------------------|----------------------|----------------------|----------------------|----------------------|
| Distance<br>Kilometres |  | Class<br>110<br>(Rs)   | Class<br>120<br>(Rs) | Class<br>130<br>(Rs) | Class<br>140<br>(Rs) | Class<br>150<br>(Rs) |
| (1)                    |  | (7)                    | (8)                  | (9)                  | (10)                 | (11)                 |
| 1 - 100                |  | 110.10                 | 120.10               | 130.10               | 140.10               | 150.20               |
| 101 - 125              |  | 129.90                 | 141.70               | 153.50               | 165.30               | 177.20               |
| 126 - 150              |  | 151.00                 | 164.80               | 178.50               | 192.20               | 206.00               |
| 151 - 175              |  | 169.30                 | 184.70               | 200.10               | 215.50               | 230.90               |
| 176 - 200              |  | 189.20                 | 206.40               | 223.60               | 240.80               | 258.00               |
| 201 - 225              |  | 207.70                 | 226.60               | 245.40               | 264.30               | 283.20               |
| 226 - 250              |  | 227.60                 | 248.30               | 269.00               | 289.70               | 310.40               |
| 251 - 275              |  | 247.40                 | 269.90               | 292.40               | 314.90               | 337.40               |
| 276 - 300              |  | 267.30                 | 291.60               | 315.90               | 340.20               | 364.50               |
| 301 - 325              |  | 285.80                 | 311.80               | 337.70               | 363.70               | 389.70               |
| 326 - 350              |  | 305.10                 | 332.90               | 360.60               | 388.40               | 416.10               |
| 351 - 375              |  | 324.30                 | 353.80               | 383.20               | 412.70               | 442.20               |
| 376 - 400              |  | 344.10                 | 375.40               | 406.60               | 437.90               | 469.20               |
| 401 - 425              |  | 363.70                 | 396.70               | 429.80               | 462.80               | 495.90               |
| 426 - 450              |  | 383.60                 | 418.40               | 453.30               | 488.20               | 523.10               |
| 451 - 475              |  | 402.80                 | 439.40               | 476.10               | 512.70               | 549.30               |
| 476 - 500              |  | 423.00                 | 461.40               | 499.90               | 538.30               | 576.80               |
| 501 - 550              |  | 462.90                 | 505.00               | 547.00               | 589.10               | 631.20               |
| 551 - 600              |  | 502.40                 | 548.00               | 593.70               | 639.40               | 685.10               |
| 601 - 650              |  | 541.60                 | 590.90               | 640.10               | 689.40               | 738.60               |
| 651 - 700              |  | 580.70                 | 633.50               | 686.30               | 739.10               | 791.90               |
| 701 - 750              |  | 619.90                 | 676.20               | 732.60               | 788.90               | 845.30               |
| 751 - 800              |  | 658.70                 | 718.60               | 778.40               | 838.30               | 898.20               |
| 801 - 850              |  | 697.40                 | 760.80               | 824.20               | 887.60               | 951.00               |
| 851 - 900              |  | 735.80                 | 802.70               | 869.60               | 936.50               | 1003.40              |
| 901 - 950              |  | 774.30                 | 844.70               | 915.10               | 985.50               | 1055.90              |
| 951 - 1000             |  | 812.60                 | 886.40               | 960.30               | 1034.20              | 1108.10              |
| 1001 - 1100            |  | 890.50                 | 971.40               | 1052.40              | 1133.30              | 1214.30              |
| 1101 - 1200            |  | 968.10                 | 1056.10              | 1144.10              | 1232.10              | 1320.20              |
| 1201 - 1300            |  | 1045.60                | 1140.60              | 1235.70              | 1330.70              | 1425.80              |
| 1301 - 1400            |  | 1122.70                | 1224.70              | 1326.80              | 1428.80              | 1530.90              |
| 1401 - 1500            |  | 1199.70                | 1308.70              | 1417.80              | 1526.80              | 1635.90              |
| 1501 - 1750            |  | 1372.40                | 1497.10              | 1621.90              | 1746.60              | 1871.40              |
| 1751 - 2000            |  | 1505.20                | 1642.10              | 1778.90              | 1915.80              | 2052.60              |
| 2001 - 2500            |  | 1710.00                | 1865.40              | 2020.90              | 2176.30              | 2331.80              |
| 2501 - 3000            |  | 1925.40                | 2100.50              | 2275.50              | 2450.60              | 2625.60              |
| 3001 - 3500            |  | 2128.60                | 2322.10              | 2515.60              | 2709.10              | 2902.70              |

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- 2 -



| Distance<br>Kilometres | FREIGHT RATE PER TONNE |                      |                      |                      |                      |
|------------------------|------------------------|----------------------|----------------------|----------------------|----------------------|
|                        | Class<br>160<br>(Rs)   | Class<br>170<br>(Rs) | Class<br>180<br>(Rs) | Class<br>190<br>(Rs) | Class<br>200<br>(Rs) |
|                        | (12)                   | (13)                 | (14)                 | (15)                 | (16)                 |
| 1 - 100                | 160.20                 | 170.20               | 180.20               | 190.20               | 200.20               |
| 101 - 125              | 189.00                 | 200.80               | 212.60               | 224.40               | 236.20               |
| 126 - 150              | 219.70                 | 233.40               | 247.10               | 260.90               | 274.60               |
| 151 - 175              | 246.20                 | 261.60               | 277.00               | 292.40               | 307.80               |
| 176 - 200              | 275.20                 | 292.40               | 309.60               | 326.80               | 344.00               |
| 201 - 225              | 302.10                 | 321.00               | 339.80               | 358.70               | 377.60               |
| 226 - 250              | 331.00                 | 351.70               | 372.40               | 393.10               | 413.80               |
| 251 - 275              | 359.80                 | 382.30               | 404.80               | 427.30               | 449.80               |
| 276 - 300              | 388.80                 | 413.10               | 437.40               | 461.70               | 486.00               |
| 301 - 325              | 415.70                 | 441.70               | 467.60               | 493.60               | 519.60               |
| 326 - 350              | 443.80                 | 471.60               | 499.30               | 527.10               | 554.80               |
| 351 - 375              | 471.70                 | 501.20               | 530.60               | 560.10               | 589.60               |
| 376 - 400              | 500.50                 | 531.80               | 563.00               | 594.30               | 625.60               |
| 401 - 425              | 529.00                 | 562.00               | 595.10               | 628.10               | 661.20               |
| 426 - 450              | 557.90                 | 592.80               | 627.70               | 662.50               | 697.40               |
| 451 - 475              | 585.90                 | 622.50               | 659.20               | 695.80               | 732.40               |
| 476 - 500              | 615.20                 | 653.70               | 692.10               | 730.60               | 769.00               |
| 501 - 550              | 673.30                 | 715.40               | 757.40               | 799.50               | 841.60               |
| 551 - 600              | 730.70                 | 776.40               | 822.10               | 867.70               | 913.40               |
| 601 - 650              | 787.80                 | 837.10               | 886.30               | 935.60               | 984.80               |
| 651 - 700              | 844.60                 | 897.40               | 950.20               | 1003.00              | 1055.80              |
| 701 - 750              | 901.60                 | 958.00               | 1014.30              | 1070.70              | 1127.00              |
| 751 - 800              | 958.10                 | 1018.00              | 1077.80              | 1137.70              | 1197.60              |
| 801 - 850              | 1014.40                | 1077.80              | 1141.20              | 1204.60              | 1268.00              |
| 851 - 900              | 1070.20                | 1137.10              | 1204.00              | 1270.90              | 1337.80              |
| 901 - 950              | 1126.20                | 1196.60              | 1267.00              | 1337.40              | 1407.80              |
| 951 - 1000             | 1181.90                | 1255.80              | 1329.70              | 1403.50              | 1477.40              |
| 1001 - 1100            | 1295.20                | 1376.20              | 1457.10              | 1538.10              | 1619.00              |
| 1101 - 1200            | 1408.20                | 1496.20              | 1584.20              | 1672.20              | 1760.20              |
| 1201 - 1300            | 1520.80                | 1615.90              | 1710.90              | 1806.00              | 1901.00              |
| 1301 - 1400            | 1633.00                | 1735.00              | 1837.10              | 1939.10              | 2041.20              |
| 1401 - 1500            | 1745.00                | 1854.00              | 1963.10              | 2072.10              | 2181.20              |
| 1501 - 1750            | 1996.20                | 2120.90              | 2245.70              | 2370.40              | 2495.20              |
| 1751 - 2000            | 2189.40                | 2326.30              | 2463.10              | 2600.00              | 2736.80              |
| 2001 - 2500            | 2487.20                | 2642.70              | 2798.10              | 2953.60              | 3109.00              |
| 2501 - 3000            | 2800.60                | 2975.70              | 3150.70              | 3325.80              | 3500.80              |
| 3001 - 3500            | 3096.20                | 3289.70              | 3483.20              | 3676.70              | 3870.20              |

*Handwritten signatures and marks:*  
 - A signature on the left, possibly "Hemant".  
 - A signature on the right, possibly "Anita".  
 - The number "13" written in the center.



## बिहार सरकार

राज्य स्तरीय अनुसूचित दर निर्धारण समिति  
पथ निर्माण विभाग, बिहार, पटना।

पत्रांक - मु0 नि0 (पथ) - 38(अनु0) पटना/दिनांक - 13/05/10

प्रेषक,

रामध्यान राम,  
संयोजक,  
राज्यस्तरीय अनुसूचित दर निर्धारण समिति  
-सह-अभियंता प्रमुख-सह-अपर आयुक्त-सह-  
विशेष सचिव, पथ निर्माण विभाग, बिहार, पटना।

सेवा में,

सभी मुख्य अभियंता(राष्ट्रीय उच्च पथ सहित), पथ निर्माण विभाग, बिहार, पटना।

सभी अधीक्षण अभियंता(राष्ट्रीय उच्च पथ सहित), पथ निर्माण विभाग, बिहार, पटना।

प्रबंध निदेशक, बिहार राज्य पुल निर्माण निगम, बिहार, पटना।

प्रबंध निदेशक, बिहार राज्य पथ विकास निगम, बिहार, पटना।

सभी कार्यपालक अभियंता(राष्ट्रीय उच्च पथ सहित), पथ निर्माण विभाग, बिहार, पटना।

विषय:- बिहार भवन एवं अन्य सन्निर्माण कर्मकार कल्याण बोर्ड में प्रत्येक योजनाओं के लागत का  
1 % (एक प्रतिशत) "सेस" के रूप में जमा करने के संबंध में ।

प्रसंग:- पथ निर्माण विभाग, बिहार का पत्रांक 746(E) We पटना, दिनांक - 25.02.2010 ।

महाशय,

वित्त विभाग, बिहार सरकार द्वारा लिये गये निर्णय के आलोक में विभिन्न निर्माण  
कार्यों के विपत्रों से 1% (एक प्रतिशत) की राशि की कटौती श्रमिक कल्याण कोष हेतु सेस के  
रूप में की जानी है ।

उक्त आलोक में कराये जानेवाले योजनाओं के प्राक्कलन के सृजन हेतु प्रयुक्त प्रत्येक मद  
के दर में वर्णित सेस हेतु 1 % (एक प्रतिशत) की राशि का अतिरिक्त प्रावधान श्रमिक कल्याण  
कोष के लिये करते हुए दर विश्लेषण करना सुनिश्चित करें ।

अनु0:- 1. प्रसंगाधीन पत्र की छाया प्रति ।  
2. श्रम संसाधन विभाग का पत्रांक  
4984 पटना दिनांक-01.10.08 ।

विश्वासभाजन

  
(रामध्यान राम)

संयोजक,

राज्य स्तरीय अनुसूचित दर निर्धारण समिति  
-सह-अभियंता प्रमुख-सह-अपर आयुक्त-सह-  
विशेष सचिव, पथ निर्माण विभाग, बिहार, पटना

जिला खनन कार्यालय, पटना

पत्रांक- 163 / एम०, पटना, दिनांक- 06/02/12

प्रेषक,  
सहायक निदेशक  
जिला खनन कार्यालय,  
पटना।

156  
39-02-12 संक में,  
पटना जिला स्थित सभी कार्य विभाग एवं  
कार्यकारी एजेंसियां

2104  
खनिज परिशोधन प्राधिकरण का कार्यालय  
एच प्रमोडल डिस्ट्रिक्ट रायपुर पुल निमाया  
विभाग लि. देरगा रायपुर, पटना

विषय: निर्माण कार्य में संबद्धकों द्वारा व्यवहृत लघु खनिजों तथा-ईट, बालू, गिट्टी, मिट्टी तथा अन्य की मात्रा पर देय स्वामित्व के अतिरिक्त खनिज का मूल्य एवं अन्य कर (Tax) आदि की वसूली के संबंध में।

प्रसंग:- विभागीय अधिसूचना संख्या-244, 245 एवं 250/एम०, पटना, दिनांक-27.01.2012 तथा पत्रांक- 1731/एम०, पटना, दिनांक-01.08.2011 एवं अधोहस्ताक्षरी का कार्यालय पत्रांक- 17/एम०, पटना, दिनांक-06.01.2012

महाराज,

उपर्युक्त विषयक विभागीय स्तर से समय-समय पर निर्गत विभिन्न प्रसंग में वर्णित पत्रों की छाया प्रति सहज प्रसंग हेतु उक्त पत्र के साथ संलग्न कर सूचनाएं एवं आवश्यक कार्रवाई एतद् द्वारा प्रेषित की जा रही है। विभागीय अधिसूचना संख्या-244, 245 एवं 250/एम०, पटना, दिनांक-27.01.2012 द्वारा विभिन्न खनिजों का स्वामित्व दर को राज्य सरकार ने संशोधित करने की कृपा की है। संशोधित नई स्वामित्व दर अधिसूचना के निर्गत होने की तिथि-27.01.2012 से प्रभावी हो चुका है। अतएव संलग्न अधिसूचना का अवलोकन कर संशोधित नई स्वामित्व दर के संबंध में पूर्ण सूचना ग्रहण करने की कृपा की जाय। पूर्व में प्रेषित विभागीय पत्रांक-1731/एम०, पटना, दिनांक-01.08.2011 (छाया प्रति संलग्न) के आलोक में पुनः सूचित करना है कि प्रसंगिक पत्र द्वारा विस्थापित मामला में स्पष्ट रूप से सूचित किया जा चुका है कि "निर्माण कार्यों में संबद्धकों के द्वारा व्यवहृत विभिन्न विस्थापित लघु खनिजों की खरीदगी बिहार लघु खनिज समनुदान नियमावली, 1972 के नियम-40(8) में उल्लेखित अधिकृत/प्रबंधक/संबेदक या उप पट्टाधारी से की जाती है, जो इस नियमावली के नियम-40(10) के अनुसारा में संबेदक प्रपत्र एम० तथा एन० में अपना शपथ पत्र विपत्र के साथ कार्य विभाग में दाखिल करेंगे। कार्य विभाग प्रपत्र एम० तथा एन० में दाखिल शपथ पत्र का सत्यपन जिला से संबंधित खनन कार्यालय से करायेगा। यदि एम० तथा एन० का शपथ पत्र असत्य पाया जाता है या संबेदक एम० तथा एन० में शपथ पत्र विपत्र के साथ दाखिल नहीं करते हैं, तो बिहार लघु खनिज समनुदान नियमावली, 1972 के नियम-40(8) के अन्तर्गत लघु खनिज पर देय स्वामित्व के अतिरिक्त खनिज का मूल्य एवं अन्य कर आदि की कटौती उनके विपत्र से करके विभाग के संगत शीश में संबंधित कार्य विभाग जमा कर देंगे।"

विभागीय स्तर से निर्गत संगत नियमावली में निहित उल्लेखित प्रावधान के अनुपालनार्थ एवं सरकारी राजस्व हित में प्रेषित उपर्युक्त प्रावधानों का अनुपालन कतिपय कारणों आपके स्तर से कदाचित् अब तक सुनिश्चित नहीं की जा रही है। फलतः सरकारी खनन राजस्व की भारी क्षति होने से इंकार नहीं किया जा सकता है। यह राजस्व हित में काफी चिन्तनीय एवं दुःखद घृण है। यहाँ यह भी उल्लेखनीय है कि महालेखाकार अंकक्षण ने भी वित्तीय वर्ष-2009.10 के अंकक्षण के दौरान उपर्युक्त आशय का आपत्ति दर्ज की है।

अतएव उपर्युक्त वर्णित परिपेक्ष्य में पुनः अनुरोध है कि संलग्न प्रसंगिक अधिसूचनाओं/पत्रों में निहित निर्देशों का राजस्व हित में दृढ़ता से अनुपालन सुनिश्चित कराने की कृपा करें। यहाँ यह भी उल्लेखनीय है कि आपके स्तर से संबेदकों के विपत्र से कटौतीकृत एवं संशोधित स्वामित्व की राशि के साथ खनिजकार माश एवं कटौतीकृत राशि का संबेदकवार विवरणी भी उपलब्ध कराने की कृपा की जाय, ताकि व्यवहृत मात्रा के विरुद्ध कटौतीकृत स्वामित्व की राशि की अनुमानयता की समीक्षा अधोहस्ताक्षरी के स्तर से सुनिश्चित किया जा सके। साथ ही अंकक्षण आपत्ति के अनुपालन में वित्तीय वर्ष-2009.10 से वर्तमान तक संबेदकों के विपत्र से कटौतीकृत एवं संशोधित खनन स्वामित्व की राशि जिसके विरुद्ध संबेदक न प्रपत्र-एम० तथा एन० में शपथ पत्र दाखिल नहीं किया है, से संबंधित जैसे सभी मामलों में कटौतीकृत स्वामित्व के अतिरिक्त खनिज का मूल्य की कटौती संबंधित संबेदकों के विपत्रों सुनिश्चित कर विभागीय संगत शीश में अति शीघ्र जमा कराने की कृपा किया जाय। राज्य के खनन राजस्व एवं कार्यालय में कृपा

रजिस्ट्रार एम०  
विभागाध्यक्ष  
श्री विपत्र निमाया  
अनु०-सूचोपरी।  
श्री जगद  
श्री 2

विश्रांतभाजन,  
सहायक निदेशक,  
जिला खनन कार्यालय,  
पटना।



P. 119r

बिहार सरकार  
खान एवं भूतत्व विभाग  
अधिसूचना

एस0ओ0सं0- 245/40, बिहार लघु खनिज समनुदान नियमावली, 1972 पटना, दिनांक- 27/1/12  
के नियम 26(क) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुये राज्य के अन्तर्गत स्थित विभिन्न क्षेत्रों में असैनिक निर्माण कार्य की स्थिति, जनसंख्या स्थिति; औद्योगिक निर्माण कार्य की स्थिति, शहरीकरण की अवस्था एवं औद्योगिक विकास की गति को ध्यान में रखते हुये बिहार के राज्यपाल के पूर्व की अधिसूचना एस0ओ0सं0 27 दिनांक 24.3.2001 का संशोधन करते हैं एवं विभिन्न क्षेत्रों को श्रेणियों में विभाजित करते हुये प्रत्येक स्थायी चिमनी एवं बंगला ईट भट्टों के लिये ईंटों की संख्या और उस पर ईट भट्टा मालिकों / ईट मिट्टी हटाने वालों द्वारा प्रति भट्टा प्रति वर्ष राज्य सरकार को देय समेकित स्वामिस्व की राशि निर्धारित करते हैं जो निम्नलिखित तालिका में दिखाई गई है:-

तालिका

| क्रमांक | क्षेत्र की श्रेणी | जिला का नाम तथा क्षेत्र                                      | क्षमता स्तंभ 3 में दिखाये गये क्षेत्र में स्थित प्रति स्थायी अथवा बंगला ईट भट्टा निर्मित ईट | स्वामिस्व प्रति भट्टा प्रति वर्ष देय स्वामिस्व की राशि जो स्तंभ 4 में निर्धारित ईट की संख्या पर देय है (रूपये में) |
|---------|-------------------|--------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| 1       | 2                 | 3                                                            | 4                                                                                           | 5                                                                                                                  |
| 1       | I                 | पटना, मुजफ्फरपुर, भागलपुर, गया, दरभंगा जिलों का शहरी क्षेत्र | 45 लाख ईट                                                                                   | 130500/-रु०                                                                                                        |
| 2       | II                | अन्य शहरी क्षेत्र                                            | 35 लाख ईट                                                                                   | 101500/-रु०                                                                                                        |
| 3       | III               | ग्रामीण क्षेत्र                                              | 25 लाख ईट                                                                                   | 72500/-रु०                                                                                                         |
| 4       | IV                | बंगला भट्टा                                                  | 1 (एक लाख) ईट                                                                               | 4350/-रु०                                                                                                          |

2- यह अधिसूचना निर्गत की तिथि से प्रवृत्त होगी ।

टिप्पणी I- समेकित स्वामिस्व का भुगतान दो किस्तों में किया जायेगा, यथा:-

- (i) प्रथम किस्त - कुल देय स्वामिस्व राशि का 50 प्रतिशत भट्टा आरंभ करने के पूर्व, तथा
- (ii) द्वितीय किस्त :- कुल राशि का शेष 50 प्रतिशत 31 मार्च के पूर्व ।
- (iii) भट्टेदारों द्वारा कुल देय स्वामिस्व का भुगतान अगर एक मुस्त कर दिया जाता है तो कुल भुगतय स्वामिस्व पर 5 प्रतिशत की छूट दी जायेगी ।

टिप्पणी II- "शहरी क्षेत्र" से अभिप्रेत किसी नगर निगम या नगरपालिका या अधिसूचित क्षेत्र समिति की स्थानीय सीमा के भीतर के क्षेत्रों से है और, यथास्थिति, उस नगर निगम या नगरपालिका या अधिसूचित क्षेत्र समिति की सीमा रेखा से चार किलोमीटर की बाहरी दूरी की भीतर पड़ने वाले क्षेत्र भी इसमें शामिल हैं ।

टिप्पणी III- अव्यवसायिक, व्यक्तिगत उपयोग हेतु बंगला भट्टा में निर्मित ईट / ईट मिट्टी पर कोई स्वामिस्व भुगतय नहीं होगा ।

4/बी0मु020-22/09

बिहार राज्यपाल के आदेश से,

*24/3/27.1.12*  
सरकार के संयुक्त सचिव ।

एस0ओ0सं0- 245/एम0, पटना, दिनांक- 27/1/12 का अंग्रेजी में निम्नलिखित अनुवाद बिहार राज्यपाल के प्राधिकार से इसके द्वारा प्रकाशित किया जाता है जिसे भारतीय संविधान के अनुच्छेद 348 के खण्ड (3) के अधीन अंग्रेजी भाषा में उसका प्राधिकृत पाठ समझा जायेगा ।

4/बी0मु020-22/09

बिहार राज्यपाल के आदेश से,

*24/3/27.1.12*  
सरकार के संयुक्त सचिव ।

S.O. No. 245/M, 27.1.12 In exercise of the powers conferred by rule 26(A) of the Bihar Minor Mineral Concession Rules, 1972 and having regard to position of Civil Construction, work position of Industrial Construction, position of situated population, position of Urbanisation and pace of industrial growth in different areas of the State, the Governor of Bihar is pleased to amend the previous notification S.O. No. 27 dated 24 March 2001 and reclassify such areas to determine the number of bricks per fixed kiln and Bangla Bhatta and consolidated amount of royalty to be paid thereon by brick kiln owner/brick earth remover per kiln per annum to the State Government for different areas as shown in the table below:-

2



**अधिसूचना**

पटना, दिनांक 27/1/12

एस0 ओ0 सं0 250 एम0, खान एवं खनिज (विकास एवं विनियमन) अधिनियम, 1957 (अधिनियम सं0 67, 1957) की धारा-15 के द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए बिहार राज्यपाल बिहार लघु खनिज समनुदान नियमावली, 1972 के नियम 26 (1) (क) और (ख) की क्रमशः अनुसूची I एवं II में निम्नलिखित संशोधन करते हैं जो तुरंत प्रवृत्त होगा :-

**संशोधन**

उक्त नियमावली में,

1. विद्यमान अनुसूची I, निम्नलिखित द्वारा प्रतिस्थापित की जायेगी, यथा:-

अनुसूची I

[ नियम 26 (1) (क) द्रष्टव्य ]

अनिवार्य लगान

| अवधि                                           | अनिवार्य लगान की दर (रूपये में)  |
|------------------------------------------------|----------------------------------|
| 1                                              | 2                                |
| पट्टा की सम्पूर्ण अवधि के लिए प्रति वर्ष की दर | 30,000 रु0 प्रति एकड़ प्रति वर्ष |

2. विद्यमान अनुसूची II निम्नलिखित द्वारा प्रतिस्थापित की जायेगी :-

अनुसूची II

[ नियम 26 (1) (ख) द्रष्टव्य ]

स्वामिसर्व (सॉयल्टी)

| क्रम संख्या | खनिज का नाम                                                                                                                                                           | प्रति घन मीटर दर (रूपये में)                              |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| 1           | 2                                                                                                                                                                     | 3                                                         |
| 1           | (क) किसी भी नाम से यथा परिभाषित बोल्टर, प्रेवेल शिगिल अथवा पत्थर<br>(ख) नीलामी द्वारा बंदोबस्त पत्थर                                                                  | 100=00<br>नीलामी की दशा में<br>नीलामी की राशि             |
| 2           | (क) निर्माण प्रयोजनों में व्यवहृत साधारण बालू<br>(ख) नीलाम घाटों का साधारण बालू                                                                                       | 50=00<br>नीलामी की दशा में<br>नीलामी की राशि              |
| 3           | ईंट बनाने की मिट्टी (400 मानक ईंट के समतुल्य)                                                                                                                         | 11=60 (एस0 ओ0 सं0 244, दिनांक 27-01-12 द्वारा प्रख्यापित) |
| 4           | साधारण मिट्टी-मिट्टी जिसका उपयोग सनीगंज खमड़ा, वाणिज्यिक जगहों, पानी बांध, सड़क, भवन आदि के निर्माण या उसे समतल करने अथवा अन्य वाणिज्यिक कार्यों के लिए किया जाता हो। | 22=00                                                     |

|    |                                                                                                                                                            |                                 |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| 0  | निर्माण सामग्री के रूप में व्यवहृत चूने के विनिर्माण के लिए भट्टे में काम आनेवाला लाईम शेल, चूना पत्थर और कंकड़ तथा बटन के विनिर्माण में व्यवहृत लाईम शेल। | 110=00                          |
| 6  | मोरम                                                                                                                                                       | 55=00                           |
| 7  | केवल गोला मिल (बॉल मिल) के प्रयोजनार्थ व्यवहृत केल्सेडोनी गुटिका (पेबल)।                                                                                   | 73=00                           |
| 8  | कंकड़युक्त पहाड़ी मिट्टी (ग्रेडुलर अर्थ)                                                                                                                   | 55=00                           |
| 9  | भवन निर्माण के प्रयोजनार्थ या सड़क बनाने के काम में आनेवाला क्वार्टजाईट                                                                                    | 73=00                           |
| 10 | रेह मिट्टी                                                                                                                                                 | 26=00                           |
| 11 | शोरा (साल्ट पीटर)                                                                                                                                          | 29=00                           |
| 12 | स्लेट और शेल जब उनका उपयोग भवन निर्माण सामग्री के रूप में किया जाय                                                                                         | 73=00                           |
| 13 | मुलतानी मिट्टी (फुलर्स अर्थ)                                                                                                                               | 95=00                           |
| 14 | चक्की (ग्राइनडिंग) पत्थर सहित घरेलू बर्तन बनाने के काम में आनेवाला पत्थर                                                                                   | 36=00                           |
| 15 | प्रति सैकड़ स्टेन सेट्स तथा पत्थर ईट (स्टेन ब्रिक्स)                                                                                                       | 73=00                           |
| 16 | पत्थर चूर्ण (स्टेन डस्ट)                                                                                                                                   | विक्रय मूल्य की 10 प्रतिशत राशि |
| 17 | ग्रेनाईट (सजावट पत्थर के रूप में उपयोग होने पर) प्रति सैकड़।<br>(i) 60 से 0 मी० से अधिक के ब्लॉक के लिये ।<br>(ii) 60 से 0 मी० से कम के ब्लॉक के लिये ।    | 545=00<br>273=00                |
| 18 | अन्य सभी खनिज                                                                                                                                              | विक्रय मूल्य का 25 प्रतिशत राशि |

टिप्पणी I. बिहार लघु खनिज समानुदान नियमावली, 1972 या अन्यथा में किसी विरुद्ध बात के अन्तर्विष्ट होते हुए भी, नीलामी की राशि के समतुल्य से अधिक पत्थर का उत्खनन एवं प्रेषित किये जाने पर, बंदोबस्तधारी अधिक उत्खनित पत्थर की मात्रा के लिए अतिरिक्त स्वामिस्व (सॉयलटी) का भुगतान करेगा।

टिप्पणी II नीलामी की राशि के समतुल्य बालू की मात्रा से अधिक बालू के निकाले जाने और प्रेषित किये जाने पर, बंदोबस्तधारी अधिक निकाले गए बालू की मात्रा के लिए अतिरिक्त स्वामिस्व (सॉयलटी) का भुगतान करेगा।

12/वी०/मु० 70-2/03

बिहार राज्यपाल के आदेश से

सरकार के लघु मन्त्र



**SOR - 6th Edition VOL-1****RATE OF ITEMS VOLUME-1**

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**SUB HEAD: 0.1**  
**HIRE CHARGES OF PLANTS**

**BASIC RATES - Contd.**

**0.1 Hire Charges of Plants**

Note:- These rates are exclusive of contractor's profit and over head, and are inclusive of wages for weekly day of rest

| <b>Code No</b> | <b>Description</b>                                                                                                         | <b>Unit</b> | <b>Rate Rs.</b> |
|----------------|----------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|
| 001            | Hire charges of Coaltar Boiler 900 to 1400 litres                                                                          | Per day     | 800.00          |
| 002            | Hire charges of Concrete Mixer 0.14 cubic metre                                                                            | Per day     | 800.00          |
| 003            | Hire charges of Diesel Road Roller - 8 to 10 tonne                                                                         | Per day     | 1500.00         |
| 004            | Production cost of concrete by batch mix plant.                                                                            | cum         | 350.00          |
| 005            | Hire charges of Diesel Truck - 9 tonne                                                                                     | Per day     | 1600.00         |
| 006            | Hire charges of Spraying machine including electric charges                                                                | Per day     | 250.00          |
| 007            | Hire charges of Coaltar Sprayer                                                                                            | Per day     | 300.00          |
| 008            | Hire charges of Barber green, drying mixing and Asphalt Plant, with accessories .capacity 30/45tonne                       | Per day     | 7500.00         |
| 009            | Pumping charges of concrete including Hire charges of pump, piping work & accessories etc.                                 | cum         | 130.00          |
| 010            | Hire charges of Derrick monkey rope                                                                                        | Per day     | 775.00          |
| 011            | Hire charges of Pump set of capacity 4000 litres/hour.                                                                     | Per day     | 500.00          |
| 012            | Vibrator (Needle type 40mm)                                                                                                | Per day     | 300.00          |
| 013            | Machine for rubbing of floors                                                                                              | Per day     | 300.00          |
| 014            | Front end loader                                                                                                           | Per day     | 5000.00         |
| 016            | Mastic Cooker                                                                                                              | Per day     | 740.00          |
| 017            | Hire and running charges of tipper                                                                                         | Per day     | 1700.00         |
| 018            | Hire and running charges of loader                                                                                         | Per day     | 5000.00         |
| 019            | Hire Grinder for mirror polish                                                                                             | Per day     | 200.00          |
| 020            | Hydraulic Excavator (3D) with driver and fuel.                                                                             | Per day     | 7500.00         |
| 021            | Pin vibrator                                                                                                               | Per day     | 325.00          |
| 022            | Surface Vibrator                                                                                                           | Per day     | 400.00          |
| 023            | Hot Bitumen mixer 0.5 cum i/c hand cart                                                                                    | Per day     | 4000.00         |
| 024            | Hire and running charges of hydraulic piling no. with power unit etc. including complete accessories and shifting at site. | Per day     | 34000.00        |
| 025            | Hire and running charges of light crane                                                                                    | Per day     | 2200.00         |
| 026            | Hire and running charges of bentonite pump.                                                                                | Per day     | 4200.00         |
| 027            | Hire and running charges of vibrating pile driving hammer complete with power unit and accessories.                        | Per day     | 35000.00        |
| 028            | Hire and running charges of crane 20 tonne capacity                                                                        | Per day     | 9250.00         |
| 029            | Carriage of concrete by transit mixer.                                                                                     | km/cum      | 30.00           |
| 030            | Generator 250 KVA.                                                                                                         | Per day     | 2200.00         |
| 033            | Paint applicator                                                                                                           | Per day     | 750.00          |
| 037            | Mobile crane.                                                                                                              | Per day     | 6500.00         |

|     |                                                                     |         |           |
|-----|---------------------------------------------------------------------|---------|-----------|
| 038 | Tractor with ripper attachment                                      | Per day | 1350.00   |
| 039 | Tractor with trolley                                                | Per day | 1350.00   |
| 040 | Aircompressor 250 cftmwithtwo leads for pneumatic cutters/. hammers | Per day | 1800.00   |
| 041 | Joint cutting machine with 2-3 blades                               | Per day | 900.00    |
| 042 | C.C.batch mix plant.                                                | Per day | 100000.00 |
| 043 | Road sweeper                                                        | Per day | 550.00    |
| 045 | Slip frompaver with sensor.                                         | Per day | 13000.00  |
| 046 | Water tanker 5000 litre capacity                                    | Per day | 1000.00   |
| 047 | Concrete joint cutting machine                                      | Per day | 900.00    |
| 048 | Texturing machine                                                   | Per day | 925.00    |

**Note:- Above hire-charges include cost of service of operating staff and supply of lubricating oil.**

**NEW CODES**

|     |                                                        |          |           |
|-----|--------------------------------------------------------|----------|-----------|
| 049 | Dozer D-80-A 12                                        | hour     | 3,800.00  |
| 050 | Motor Grader 3.35 metre blade                          | hour     | 2,450.00  |
| 051 | Hydraulic Excavator of 1 cum bucket                    | hour     | 1,300.00  |
| 052 | Front end loader 1 cum bucket capacity (incl POL)      | hour     | 800       |
| 053 | Tipper -5 Cum                                          | tonne km | 3.00      |
| 054 | Vibratory roller 8 to 10 tonne                         | hour     | 1,550.00  |
| 055 | Smooth Wheeled Roller 8 to 10 tonne                    | hour     | 460       |
| 056 | Tandem Road Roller                                     | hour     | 1,150.00  |
| 057 | Water Tanker 5 to 6 KL capacity                        | hour     | 150       |
| 058 | Air compressor                                         | hour     | 325       |
| 059 | Wet Mix Plant 60 TPH                                   | hour     | 1,200.00  |
| 060 | Mechanical Broom Hydraulic                             | hour     | 360       |
| 061 | Emulsion Pressure Distributor @ 1750 sqm per hour      | hour     | 800       |
| 062 | Hot mix Plant -120 TPH capacity                        | hour     | 23,700.00 |
| 063 | Hot mix Plant 100 TPH Capacity                         | hour     | 17,500.00 |
| 064 | Paver finisher Hydrostatic with sensor control 100 TPH | hour     | 2,700.00  |
| 065 | Paver finisher Mechanical 100 TPH                      | hour     | 1,000.00  |
| 066 | Batching and Mixing Plant @ 75 cum per hour            | hour     | 2,500.00  |
| 068 | Concrete Paver finisher with 40 HP Motor and sensor    | hour     | 2,900.00  |
| 069 | Generator 250 KVA                                      | hour     | 900       |



|     |                                                                                                                                            |             |           |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|
| 070 | Generator 100 KVA/125 KVA                                                                                                                  | hour        | 700       |
| 071 | Truck 5.5 cum/ 10 tonnes                                                                                                                   | tonne<br>km | 3.00      |
| 075 | Road sweeper (Mechanical Broom) @ 1250 sqm per hour                                                                                        | hour        | 360       |
| 076 | Drum Type HMP of 60-90 TPH capacity @ 75 tonne per hour actual output                                                                      | hour        | 14,000.00 |
| 080 | Hire and running charges of drill machine up to 400 mm dia cost of mobile oil, diesel consumption in ordinary soil and operator)(including | day         | 7,500.00  |

**Note :- Above hire - charges (from item code 0049 to 0080) include cost of services of operating staff, supply of lubricating oil and diesel also.**

## **SUB HEAD: 0.2**

### **LABOUR**

#### **ASIC RATES - Contd.**

#### **0.2 LABOUR**

Note:- These rates are exclusive of contractor's profit and over heads and are inclusive of wages for weekly day of rest

| <b>Code No</b> | <b>Description</b> | <b>Unit</b> | <b>Rate Rs.</b> |
|----------------|--------------------|-------------|-----------------|
|----------------|--------------------|-------------|-----------------|

|      |                                                   |         |        |
|------|---------------------------------------------------|---------|--------|
| 0100 | Bandhani                                          | per day | 179.00 |
| 0101 | Bhishti                                           | per day | 185.00 |
| 0102 | Blacksmith 1st class                              | per day | 227.00 |
| 0103 | Blacksmith 2nd class                              | per day | 202.00 |
| 0107 | Bullockman with single bullock                    | per day | 230.00 |
| 0111 | Carpenter 1st class                               | per day | 227.00 |
| 0112 | Carpenter 2nd class                               | per day | 202.00 |
| 0113 | Chowkidar                                         | per day | 177.00 |
| 0114 | Beldar                                            | per day | 168.00 |
| 0115 | Coolie                                            | per day | 168.00 |
| 0116 | Fitter (Grade 1)                                  | per day | 230.00 |
| 0117 | Assistant Fitter or 2nd class Fitter              | per day | 202.00 |
| 0119 | Glazier                                           | per day | 190.00 |
| 0122 | Mason {For plaster of paris work} 1st class       | per day | 227.00 |
| 0123 | Mason (for orick work) 1st class                  | per day | 227.00 |
| 0124 | Mason (for brick work) 2nd class                  | per day | 202.00 |
| 0125 | Mason (for plain stone work) 2nd class            | per day | 202.00 |
| 0126 | Mason (for ornamental stone work) 1st class       | per day | 227.00 |
| 0127 | Concrete mixer operator Gr 1                      | per day | 214.00 |
| 0128 | Mate                                              | per day | 179.00 |
| 0129 | Mali                                              | per day | 211.00 |
| 0130 | Mistry                                            | per day | 168.00 |
| 0131 | Painter                                           | per day | 214.00 |
| 0132 | Rock Excavator                                    | per day | 177.00 |
| 0133 | Rock Breaker                                      | per day | 177.00 |
| 0134 | Rock Hole Driller                                 | per day | 177.00 |
| 0135 | Stone Chiseller                                   | per day | 179.00 |
| 0136 | Sewerman                                          | per day | 179.00 |
| 0138 | Sprayman (for bitumen, tar etc.)                  | per day | 177.00 |
| 0139 | Skilled Beldar (for floor rubbing etc.) / Grinder | per day | 202.00 |
| 0141 | White Washer                                      | per day | 211.00 |
| 0155 | Mason (average)                                   | per day | 202.00 |
| 0156 | Carpenter (average)                               | per day | 202.00 |
| 0157 | Operator (Pile/Special machines)                  | per day | 286.00 |
| 0158 | Mechanic (Pile/ Assistant operator)               | per day | 261.00 |
| 0159 | Skilled Torch Operator                            | per day | 211.00 |
| 0L01 | Un Skilled labour                                 | per day | 168.00 |
| 0L02 | Un Skilled labour                                 | per day | 168.00 |
| 0L03 | Mistri                                            | per day | 168.00 |
| 0L04 | Cleaner                                           | per day | 168.00 |
| 0L05 | Helper                                            | per day | 168.00 |
| 0L06 | Khalasi                                           | per day | 168.00 |
| 0L11 | Electrician Gr-I                                  | per day | 214.00 |

|       |                                                               |         |        |
|-------|---------------------------------------------------------------|---------|--------|
| 0L11A | Electrician Gr-II                                             | per day | 202.00 |
| 0L12  | Lineman/wireman                                               | per day | 196.00 |
| 0L13  | Chargeman                                                     | per day | 242.00 |
| 0L14  | Fore man                                                      | per day | 286.00 |
| 0L15  | Welder Gr I                                                   | per day | 276.00 |
| 0L19  | Cheker                                                        | per day | 204.00 |
| 0L20  | Hammerman                                                     | per day | 177.00 |
| 0L21  | Tin smith                                                     | per day | 230.00 |
| 0L22  | Tin plate maker                                               | per day | 242.00 |
| 0L25  | Tile layer                                                    | per day | 179.00 |
| 0L26  | Thatcher                                                      | per day | 179.00 |
| 0L27  | Plumber                                                       | per day | 214.00 |
| 0L28  | Grader                                                        | per day | 204.00 |
| 0L29  | Road binder                                                   | per day | 190.00 |
| 0L32  | Stone layer                                                   | per day | 202.00 |
| 0L34  | Fire man                                                      | per day | 179.00 |
| 0L36  | Gas cutter                                                    | per day | 213.00 |
| 0L37  | Rigger                                                        | per day | 204.00 |
| 0L38  | Sarang                                                        | per day | 242.00 |
| 0L39  | Chipper cum riveitew                                          | per day | 213.00 |
| 0L40  | Traclor operator                                              | per day | 242.00 |
| 0L43  | Vibrator operator                                             | per day | 189.00 |
| 0L44  | Pump driver Gr I                                              | per day | 214.00 |
| 0L46  | Concrete mixture operator Gr I                                | per day | 214.00 |
| 0L49  | Truck Driver                                                  | per day | 242.00 |
| 0L50  | Car/Jeep Driver                                               | per day | 213.00 |
| 0L51  | Crane Operator Gr 1                                           | per day | 286.00 |
| 0L52  | Winch Operator                                                | per day | 214.00 |
| 0L53  | Road Roller Driver                                            | per day | 292.00 |
| 0L56  | Polisher                                                      | per day | 179.00 |
| 0L70  | Any Other category of semi skilled worker not mentioned above | per day | 174.00 |
| 0L71  | Any other category of skilled worker not mentioned above      | per day | 211.00 |
| 0L72  | Highly skilled workers                                        | per day | 259.00 |



## **SUB HEAD: 0.3**

# **Basic Rates of Building & Road work**

BASIC RATES - Contd.

## **0.3 MATERIALS FOR BUILDING WORK AND ROAD WORK**

Note.- These rates are exclusive of contractor's profit, over heads and carriage but include octroi (vat and other taxes)

| <b>Code No</b> | <b>Description</b>                                                                                     | <b>Unit</b> | <b>Rate Rs.</b> |
|----------------|--------------------------------------------------------------------------------------------------------|-------------|-----------------|
| <b>1</b>       | <b>2</b>                                                                                               | <b>3</b>    | <b>6</b>        |
| 0200           | Plain ended valley gutters Sheets 6 mm thick (corrugated)                                              | sqm         | <b>201.63</b>   |
| 0204           | Curved barge board                                                                                     | each        | <b>147.99</b>   |
| 0205           | Barge Board 2.44 metre long                                                                            | each        | <b>345.92</b>   |
| 0206           | Barge Board 1.83 metre long                                                                            | each        | <b>258.99</b>   |
| 0207           | Drop end for plain ended valley gutter One piece plain angular ridge 1.22 metres long                  | each        | <b>149.84</b>   |
| 0208           | Plain ended valley gutters Serrated or plain wing Adjustable Ridge 1.22 m long                         | pair        | <b>205.34</b>   |
| 0209           | Close fittings adjustable ridge 1.10 m long                                                            | pair        | <b>233.08</b>   |
| 0210           | Drop end for plain ended valley gutter North light adjustable ridge 1.22 mm long                       | pair        | <b>205.34</b>   |
| 0211           | Plain ended valley gutters Ridge finials                                                               | pair        | <b>105.44</b>   |
| 0212           | Plain ended valley gutters Unserrated adjustable ridge for hips                                        | pair        | <b>205.34</b>   |
| 0213           | Plain ended valley gutters Roof light (1.82 metre long)                                                | each        | <b>1109.92</b>  |
| 0214           | Apron flashing pieces                                                                                  | each        | <b>144.29</b>   |
| 0215           | Drop end for plain ended valley gutter Eaves filler pieces                                             | each        | <b>105.44</b>   |
| 0216           | Drop end for plain ended valley gutter North light ventilator curves                                   | each        | <b>253.44</b>   |
| 0219           | Drop end for plain ended valley gutter Expansion joint for North light curves                          | each        | <b>155.39</b>   |
| 0220           | Drop end for plain ended valley gutter Expansion joint for ridges                                      | pair        | <b>290.43</b>   |
| 0221           | Drop end for plain ended valley gutter Louvers 'S' type (1.75 m)                                       | each        | <b>122.1</b>    |
| 0222           | Seam bolts nuts 6mm dia and 25mm long                                                                  | ten         | 37.28           |
| 0223           | Non-Asbestos fibre (high impact poly propylene reinforced) cement corrugated sheet 6 mm thick          | sqm         | 266.30          |
| 0224           | Non-Asbestos fibre (high impact poly propylene reinforced) cement close fitting adjustable ridge       | metre       | 213.04          |
| 0225           | Non-Asbestos fibre (high impact poly propylene reinforced) cement corrugate serrated adjustable ridge  | metre       | 213.04          |
| 0226           | Non-Asbestos fibre (high impact poly propylene reinforced) cement plain wing adjustable ridge          | metre       | 213.04          |
| 0227           | Non-Asbestos fibre (high impact poly propylene reinforced) cement unserrated adjustable ridge for hips | metre       | 298.26          |
| 0228           | Non-Asbestos fibre (high impact poly propylene reinforced) cement corrugated apron piece               | metre       | 213.04          |

|      |                                                                                                 |       |         |
|------|-------------------------------------------------------------------------------------------------|-------|---------|
| 0229 | Non-Asbestos fibre (high impact poly propylene reinforced)<br>cement eaves filler piece         | each  | 159.78  |
| 0230 | Non-Asbestos fibre (high impact poly propylene reinforced)<br>cement north light curves         | metre | 330.22  |
| 0231 | Non-Asbestos fibre (high impact poly propylene reinforced)<br>cement ventilator curves          | each  | 415.43  |
| 0232 | Non-Asbestos fibre (high impact poly propylene reinforced)<br>cement barge boards 6mm thick     | metre | 420.76  |
| 0233 | Non-Asbestos fibre (high impact poly propylene reinforced)<br>cement ridge finial               | pair  | 149.13  |
| 0234 | Non-Asbestos fibre (high impact poly propylene reinforced)<br>cement special north light curves | each  | 547.52  |
| 0235 | Non-Asbestos fibre (high impact poly propylene reinforced)<br>cement S type louvers             | each  | 266.30  |
| 0236 | Non-Asbestos fibre (high impact poly propylene reinforced)<br>cement cement boards 6mm thick    | sqm   | 193.87  |
| 0237 | Non-Asbestos fibre (high impact poly propylene reinforced)<br>cement cement boards 6mm thick    | sqm   | 219.43  |
| 0285 | Brick Aggregate (Single size) 63 mm nominal size                                                | cum   | 958.65  |
| A    | For Urban Patna                                                                                 | cum   | 1043.70 |
| B    | For Purnea,Saharsa,Bhagalpur,Munger & Darabhaga                                                 | cum   | 1001.70 |
| C    | For other places                                                                                | cum   | 958.65  |
| D    | For Patna Rural                                                                                 | cum   | 1000.65 |
| 0286 | Brick Aggregate (Single size) 50 mm nominal size                                                | cum   | 958.65  |
| A    | For Urban Patna                                                                                 | cum   | 1043.70 |
| B    | For Purnea,Saharsa,Bhagalpur,Munger & Darabhaga                                                 | cum   | 1001.70 |
| C    | For other places                                                                                | cum   | 958.65  |
| D    | For Patna Rural                                                                                 | cum   | 1000.65 |
| 0287 | Brick Aggregate (Single size) 40 mm nominal size                                                | cum   | 958.65  |
| A    | For Urban Patna                                                                                 | cum   | 1043.70 |
| B    | For Purnea,Saharsa,Bhagalpur,Munger & Darabhaga                                                 | cum   | 1001.70 |
| C    | For other places                                                                                | cum   | 958.65  |
| D    | For Patna Rural                                                                                 | cum   | 1000.65 |
| 0291 | Stone Aggregate (Single size) 63 mm nominal size                                                | cum   | 432.87  |
| 0292 | Stone Aggregate (Single size) 50 mm nominal size.                                               | cum   | 463.43  |
| 0293 | Stone Aggregate (Single size) 40 turn nominal size                                              | cum   | 446.27  |

|      |                                                                                                          |          |          |
|------|----------------------------------------------------------------------------------------------------------|----------|----------|
| 0294 | Stone Aggregate (Single size) 25 mm nominal size                                                         | cum      | 530.54   |
| 0295 | Stone Aggregate (Single size) 20 mm nominal size                                                         | cum      | 556.10   |
| 0296 | Stone Aggregate (Single size) 12.5 mm nominal size                                                       | cum      | 647.98   |
| 0297 | Stone Aggregate (Single size) 10 mm nominal size                                                         | cum      | 619.47   |
| 0298 | Stone Aggregate (Single size) 6 mm nominal size                                                          | cum      | 413.91   |
| 0302 | Safeda bailies 125 mm diameter                                                                           | metre    | 39.41    |
| 0304 | Bajri                                                                                                    | cum      | 958.70   |
| 0305 | Bamboo 2.5mm dia 2.5 meter long                                                                          | score    | 319.57   |
| 0308 | Bhusa                                                                                                    | quintal  | 399.46   |
| 0309 | Paving bitumen S-90 of approved quality                                                                  | tonn     | 39413.04 |
| 0310 | Bitumen emulsion                                                                                         | tonn     | 43418.55 |
| 0312 | Bitumen grade PMB- 40                                                                                    | tonn     | 44100.00 |
| 0313 | Blown type petrolium bitumin of Plnitrah on 85/25 of oproved quality                                     | ton      | 39413.04 |
| 0314 | Bitumen hot sealing compound Grade A                                                                     | kilogram | 27.70    |
| 0316 | Bitumen hot sealing compound Bitumen solution primer of approved quality                                 | litre    | 42.61    |
| 0317 | Premoulded joint filler 12 mm thick                                                                      | sqm      | 372.83   |
| 0318 | Bitumen felt fibre base (vegetable or animal) Type 2 grade I                                             | sqm      | 58.59    |
| 0322 | Bitumen felt Type 3 grade I confirming to IS : 1322                                                      | sqm      | 53.26    |
| 0324 | Coal tar                                                                                                 | litre    | 26.63    |
| 0325 | Blasting Material Blasting powder                                                                        | kilogram | 37.28    |
| 0326 | Blasting Material Blasting fuse (fuse wire)                                                              | each     | 15.98    |
| 0328 | White face insulating board: 12 mm thick                                                                 | sqm      | 383.48   |
| 0332 | Natural colour insulating board: 12 mm thick                                                             | sqm      | 287.61   |
| 0336 | Flame retardant face insulating board: 12 mm thick                                                       | sqm      | 335.54   |
| 0339 | Flame retardant face insulating board: Impregnated fibre board 12 mm thick                               | sqm      | 372.83   |
| 0341 | Flat pressed 3 layer particle board (medium density) Grade I 12 mm thick                                 | sqm      | 346.20   |
| 0346 | Extra for veneered particle board with Teak veneering on one side and commercial veneering on other side | sqm      | 250.33   |
| 0347 | Extra for veneered particle board with Commercial veneering pn both sides                                | sqm      | 165.11   |
| 0348 | Extra for veneered particle board with Teak veneering on both sides                                      | sqm      | 484.67   |
| 0362 | Brick bats                                                                                               | cum      | 958.65   |
| A    | For Uraban Patna                                                                                         | cum      | 1043.70  |



|           |                                                      |         |                |
|-----------|------------------------------------------------------|---------|----------------|
| B         | For Purnea,Saharsa,Bhagalpur,Munger & Darabhaga      | cum     | 1001.70        |
| C         | For other places                                     | cum     | 958.65         |
| D         | For Patna Rural                                      | cum     | 1000.65        |
| 0364      | Wire brush                                           | each    | 21.30          |
| 0365      | Soft brush                                           | each    | 19.17          |
| 0367      | Portland pozaiona cement (P.P.C.)                    | tonne   | <b>5275.48</b> |
| A<br>0367 | Patna                                                | tonne   | 5999.61        |
| B<br>0367 | Muzaffarpur                                          | tonne   | 6188.02        |
| C<br>0367 | Darbhanga                                            | tonne   | 6251.58        |
| D<br>0367 | Bhagalpur                                            | tonne   | 6106.30        |
| E<br>0367 | Munger                                               | tonne   | 5940.59        |
| F<br>0367 | Saharsa                                              | tonne   | 6299.25        |
| G<br>0367 | Purnea                                               | tonne   | 6251.58        |
| H<br>0367 | Gaya                                                 | tonne   | 5275.48        |
| 367 I     | Saran                                                | tonne   | 5999.61        |
| 0368      | White cement                                         | tonne   | 12782.61       |
| 0370      | Coal (Steam)                                         | quintal | 426.09         |
| 0373      | Cramp Gun metal 25x6x300 mm                          | each    | 74.57          |
| 0378      | Brass butt hinges (Light/Ordinary type) 125x70x4 mm  | ten     | 852.17         |
| 0379      | Brass butt hinges (Light/Ordinary type) 100x70x4 mm  | ten     | 692.39         |
| 0380      | Brass butt hinges (Light/Ordinary type) 75x40x2.5 mm | ten     | 426.09         |
| 0381      | Brass butt hinges (Light/Ordinary type) 50x40x2.5 mm | ten     | 186.41         |
| 0382      | Brass butt hinges (heavy type) 125x85x5.5 mm(0.70kg) | ten     | 3089.13        |
| 0383      | Brass butt hinges (heavy type; 100x85x5.5 mm(0.56kg) | ten     | 2769.57        |
| 0384      | Brass butt hinges (heavy type) 75x65x4.0 mm(0.20kg)  | ten     | 958.70         |
| 0385      | Brass parliamentary hinges 150x125x27x5 mm           | ten     | 2769.57        |
| 0386      | Brass parliamentary hinges 125x125x27x5 mm           | ten     | 2450.00        |
| 0387      | Brass parliamentary hinges 100x125x27x5 mm           | ten     | 2130.43        |
| 0388      | Brass parliamentary hinges 75x100x20x3.2 mm          | ten     | 1704.35        |
| 0389      | Brass single acting spring hinges 150 mm             | each    | 319.57         |
| 0390      | Brass single acting spring hinges 125 mm             | each    | 266.30         |
| 0391      | Brass single acting spring hinges 100 mm             | each    | 159.78         |
| 0392      | Brass double acting Spring Hinges 150mm              | each    | 532.61         |
| 0393      | Brass double acting Spring Hinges 125mm              | each    | 372.83         |
| 0394      | Brass double acting Spring Hinges 100mm              | each    | 319.57         |
| 0400      | Brass tower boits (barrel type) 250x10 mm            | each    | 239.67         |
| 0401      | Brass tower bolts (barrel type) 200x10 mm            | each    | 186.41         |
| 0402      | Brass tower bolts (barrel type) 150x10 mm            | each    | 149.13         |
| 0403      | Brass tower bolts (barrel type) 100x10 mm            | each    | 95.87          |
| 0404      | Brass flush bolts 250 mm                             | each    | 149.13         |
| 0405      | Brass flush bolts 150 mm                             | each    | 127.83         |

|      |                                                                                        |        |        |
|------|----------------------------------------------------------------------------------------|--------|--------|
| 0406 | Brass flush bolts 100 mm                                                               | each   | 90.54  |
| 0408 | Brass handles 125mm with plate 175x32 mm                                               | each   | 149.13 |
| 0409 | Brass handles 100mm with plate 150x32 mm                                               | each   | 133.15 |
| 0410 | Brass handles 75mm with plate 125x32 mm                                                | each   | 101.20 |
| 0411 | Brass door latch 300x16x5 mm (0.380 Kg)                                                | each   | 170.43 |
| 0412 | Brass door latch 250x16x5 mm (0.350 Kg)                                                | each   | 159.78 |
| 0413 | Brass mortice latch and lock 100x65 mm with 6 levers and a pair of brass lever handles | each   | 372.83 |
| 0414 | Brass mortice latch 100x65 mm with a pair of brass level handles                       | each   | 319.57 |
| 0417 | Brass 150mm floor door stopper (0.357 Kg)                                              | each   | 170.43 |
| 0418 | Brass hard drwn hooks and eyes 300mm                                                   | 10 nos | 745.65 |
| 0419 | Brass hard drawn hooks and eyes 250 mm                                                 | ten    | 719.02 |
| 0420 | Brass hard drawn hooks and eyes 200 mm                                                 | ten    | 719.02 |
| 0421 | Brass hard drawn hooks and eyes 150 mm                                                 | ten    | 639.13 |
| 0422 | Brass hard drawn hooks and eyes 100 mm                                                 | ten    | 532.61 |
| 0423 | Brass casement window fastener                                                         | each   | 47.93  |
| 0424 | Brass casement stays (straight peg type) 300 mm weighing not less than 0.33 kg         | each   | 127.83 |
| 0425 | Brass casement stays (straight peg type) 250 mm weighing not less than 0.28 kg         | each   | 106.52 |
| 0426 | Brass casement stays (straight peg type) 200 mm weighing not less than 0.24 kg         | each   | 95.87  |
| 0427 | Brass quadrant stays 300 mm                                                            | each   | 127.83 |
| 0428 | Brass fanlight catch                                                                   | each   | 181.09 |
| 0429 | Brass fanlight pivot                                                                   | ten    | 202.39 |
| 0430 | Brass chain with hook for fan light catch                                              | each   | 31.96  |
| 0431 | Brass hasps and Staples (Safety type) 300 mm                                           | ten    | 745.65 |
| 0432 | Brass hasps and Staples (Safety type) 115 mm                                           | ten    | 639.13 |
| 0433 | Brass hasps and Staples (Safety type) 90 mm                                            | ten    | 532.61 |
| 0438 | Brass Night latch                                                                      | each   | 479.35 |
| 0442 | Brass helical Spring 150 mm                                                            | each   | 319.57 |
| 0443 | Brass curtain rod 12 mm dia 1.25 mm thick                                              | metre  | 83.99  |
| 0444 | Brass curtain rod 20 mm dia 1.25 mm thick                                              | metre  | 106.52 |
| 0445 | Brass curtain rod 25 mm dia 1.25 mm thick                                              | metre  | 127.83 |
| 0446 | Brass brackets (curtain rods) 20 mm                                                    | each   | 42.61  |
| 0447 | Brass cupboard knob or ward robe knob 50 mm                                            | each   | 31.96  |
| 0449 | Brass screws 50 mm                                                                     | cent   | 213.04 |
| 0450 | Brass screws 40 mm                                                                     | cent   | 170.43 |
| 0451 | Brass screws 30 mm                                                                     | cent   | 138.48 |
| 0452 | Bras screws 25 mm                                                                      | cent   | 101.20 |

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|------|------------------------------------------------------------------------------------------------------------------------------|---------|---------|
| 0453 | Brass screws 20 mm                                                                                                           | cent    | 85.22   |
| 0524 | Chromium plated Brass butt hinges (heavy) type 75x65x4.0 mm (200gms)                                                         | 10Nos.  | 1011.96 |
| 0525 | Chromium plated Brass butt hinges (light / ordinary) type 125x70x4.0 mm                                                      | 10 Nos. | 862.83  |
| 0526 | Chromium plated Brass butt hinges (light / ordinary) type 100x70x4.0 mm                                                      | 10Nos.  | 719.02  |
| 0527 | Chromium plated Brass butt hinges (light / ordinary) type 75x40x2.5 mm                                                       | 10 Nos. | 452.72  |
| 0528 | Chromium plated Brass butt hinges (light / ordinary) type 50x40x2.5 mm                                                       | 10 Nos. | 197.07  |
| 0555 | Chromium plated Brass handles 125mm with plate 175x32mm                                                                      | each    | 170.43  |
| 0556 | Chromium plated Brass handles 100mm with plate 150x32mm                                                                      | each    | 149.13  |
| 0557 | Chromium plated Brass handles 75mm with plate 125x32mm                                                                       | each    | 127.83  |
| 0558 | Chromium plated Brass mortice latch and lock 100mm x 65mm with 6 levers and apair of brass lever and a pair or brass handles | each    | 532.61  |
| 0568 | Chromium plated Brass casement window fastner                                                                                | each    | 95.87   |
| 0569 | Chromium plated Brass casement stays (straight peg type) 300mm weighing not less than 0.33 Kg.                               | each    | 149.13  |
| 0570 | Chromium plated Brass casement stays (straight peg type) 250mm weighing not less than 0.28 Kg.                               | each    | 127.83  |
| 0571 | Chromium plated Brass casement stays (straight peg type) 200mm weighing not less than 0.24 Kg                                | each    | 106.52  |
| 0583 | Chromium plated Brass single acting spring hinges Night latch                                                                | each    | 532.61  |
| 0584 | Chromium plated Brass .Wardrobe Knob 50 mm                                                                                   | each    | 47.93   |
| 0585 | Chromium plated Brass screws 50mm                                                                                            | 100 Nos | 245.00  |
| 0586 | Chromuim plated Brass screws 40mm                                                                                            | 100 Nos | 202.39  |
| 0587 | Chromium plated Brass screws 30mm                                                                                            | 100 Nos | 159.78  |
| 0588 | Chromium plated Brass screws 25mm                                                                                            | 100 Nos | 122.50  |
| 0589 | Chromium plated Brass screws 20mm                                                                                            | 100 Nos | 106.52  |
| 0590 | Chromium plated <i>brass</i> curtain rod 12 mm dia 1.25 mm thick                                                             | meter   | 191.74  |
| 0591 | Chromium plated brass curtain rod 20 nm dia 1.25 mm thick                                                                    | meter   | 266.30  |
| 0592 | Chromiurr: plated brass curtain rod 25 mm dia 1.25 mm thick                                                                  | meter   | 351.52  |
| 0594 | Brigh finish or black enameted mild steel butt hinges 125x65x2.12mm                                                          | 10 Nos  | 138.48  |
| 0595 | Brigh finish or black enameted mild steel butt hinges 100x58x1.90mm                                                          | 10 Nos  | 85.22   |

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|------|-------------------------------------------------------------------------------|---------|--------|
| 0596 | Brigh finish or black enameled mild steel butt hinges 75x47x1.70 mm           | 10 Nos  | 63.91  |
| 0597 | Brigh finish or black enameled mild steel butt hinges 50x37x1.50 mm           | 10 Nos  | 47.93  |
| 0598 | 150x125x27x2.80 mm porliamentary hinges                                       | 10 Nos  | 369.97 |
| 0599 | 125x125x27x2.80 mm porliamentary hinges                                       | 10 Nos  | 332.98 |
| 0600 | 100x125x27x2.80 mm popliamentary hinges                                       | 10 Nos  | 221.99 |
| 601  | 75x100x20x2.24 mm parliomentory hinges                                        | 10 Nos  | 176.44 |
| 0602 | 150 mm single acting spring hinges                                            | each    | 106.72 |
| 0603 | 125 mm single acting spring hinges                                            | each    | 92.50  |
| 0604 | 100 mm single acting spring hinges                                            | each    | 74.00  |
| 0605 | 150 mm double acting spring hinges                                            | each    | 129.49 |
| 0606 | 125 mm double acting spring hinges                                            | each    | 105.30 |
| 0607 | 100 mm double acting spring hinges                                            | each    | 66.87  |
| 0608 | Nicke! plated miid steel piano hinges 1 mm thick 35 mm wide                   | metre   | 37.28  |
| 0614 | 300x20x6 mm door latch                                                        | each    | 37.00  |
| 0615 | 250x20x6 mm door latch                                                        | each    | 29.88  |
| 0620 | 125 mm handles                                                                | each    | 7.12   |
| 0621 | 100 mm handles                                                                | each    | 5.69   |
| 0622 | 75 mm handles                                                                 | each    | 4.27   |
| 0632 | 115 mm hasper & stopler ( safety type )                                       | 10 Nos  | 83.96  |
| 0633 | 90 mm hasper & stopler ( safety type )                                        | 10 Nos  | 65.46  |
| 0635 | Brigh finish or black enameled mild steel screws 50 mm                        | 100 Nos | 63.91  |
| 0636 | Oxidiged mild steel 45 mm screw                                               | 100 Nos | 46.95  |
| 0637 | Brigh finish or black enameled mild steel screws 40 mm                        | 100 Nos | 53.26  |
| 0638 | Brigh finish or black enameled mild steel screws 30 mm                        | 100 Nos | 42.61  |
| 0639 | Brigh finish or black enameled mild steel screws 25 mm                        | 100 Nos | 31.96  |
| 0640 | Brigh finish or black enameled mild steel screws 20 mm                        | 100 Nos | 26.63  |
| 0641 | Mild steel fittings bright finished or black enameled bolts and nuts 50 X 6mm | each    | 5.33   |
| 0642 | Oxidised mild steel butt hinges 125x65x2.12mm                                 | 10 Nos  | 138.48 |
| 0643 | Oxidised mild steel butt hinges 100x58x1.90mm                                 | 10 Nos  | 85.22  |
| 0644 | Oxidised mild steel butt hinges 75x47x1.70mm                                  | 10 Nos  | 58.59  |
| 0645 | Oxidised steel mild butt hinges 50x37x1.50rnm                                 | 10 Nos  | 47.93  |
| 0646 | Oxidised steel mild parliamentary hinges 150x125x27x2.80 mm                   | 10 Nos  | 340.87 |



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|------|-------------------------------------------------------------|---------|--------|
| 0647 | Oxidised steel mild parliamentary hinges 125x125x27x2.80 mm | 10 Nos  | 319.57 |
| 0648 | Oxidised steel mild parliamentary hinges 100x125x27x2.80 mm | 10 Nos  | 239.67 |
| 0649 | Oxidised steel mild parliamentary hinges 75x100x20x2.24 mm  | 10 Nos  | 202.39 |
| 0650 | Oxidised mild steel Single acting spring hinges 150mm       | each    | 111.85 |
| 0651 | Oxidised mild steel Single acting spring hinges 125 mm      | each    | 106.52 |
| 0652 | Oxidised mild steel Single acting spring hinges 100 mm      | each    | 85.22  |
| 0653 | Oxidised mild steel double acting spring hinges 150 mm      | each    | 117.17 |
| 0654 | Oxidised mild steel double acting spring hinges 125 mm      | each    | 111.85 |
| 0655 | Oxidised mild steel double acting spring hinges 100 mm      | each    | 90.54  |
| 0656 | Nickel plated mild steel piano, hinges 1 mm thick 35mm wide | metre   | 42.61  |
| 0660 | Oxidised mild steel sliding door bolts 300x16mm             | each    | 95.87  |
| 0661 | Oxidised mild steel sliding door bolts 250x16mm             | each    | 85.22  |
| 0662 | Oxidised mild steel door latch 300x20x6 mm                  | each    | 47.93  |
| 0663 | Oxidised mild steel door latch 250x20x6 mm                  | each    | 42.61  |
| 0664 | Oxidised mild steel tower bolts (barrel type) 250x10 mm     | each    | 42.61  |
| 0665 | Oxidised mild steel lower bolts (barrel type) 200x10 mm     | each    | 37.28  |
| 0666 | Oxidised mild steel tower bolts (barrel type) 150x10 mm     | each    | 26.63  |
| 0667 | Oxidised mild steel tower bolts (barrel type) 100x10 mm     | each    | 21.30  |
| 0668 | Oxidised mild steel handles 125 mm                          | each    | 18.11  |
| 0669 | Oxidised mild steel handles 100 mm                          | each    | 15.98  |
| 0670 | Oxidised mild steel handles 75 mm                           | each    | 14.91  |
| 0679 | Oxidised mild steel hasps and staples (safety type) 150 mm  | 10 Nos  | 127.83 |
| 0680 | Oxidised mild steel hasps and staples (safety type) 115 mm  | 10 Nos  | 106.52 |
| 0681 | Oxidised mild steel hasps and staples (safety type) 90 mm   | 10 Nos  | 79.89  |
| 0682 | Oxidised mild steel screws 50 mm                            | 100 Nos | 74.57  |
| 0683 | Oxidised mild steel screws 40 mm                            | 100 Nos | 53.26  |
| 0684 | Oxidised mild steel screws 30 mm                            | 100 Nos | 47.93  |
| 0685 | Oxidised mild steel screws 25 mm                            | 100 Nos | 37.28  |
| 0686 | Oxidised mild steel screws 20 mm                            | 100 Nos | 31.96  |
| 0687 | Anodised Aluminium butt hinges 125x75x4 mm                  | 10 Nos  | 585.87 |
| 0688 | Anodised Aluminium butt hinges 125x63x4 mm                  | 10 Nos  | 543.26 |
| 0689 | Anodised Aluminium butt hinges 100x75x4 mm                  | 10 Nos  | 532.61 |
| 0690 | Anodised Aluminium butt hinges 100x63x3.2 mm                | 10 Nos  | 511.30 |

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|------|-----------------------------------------------------------------------------------|------------------|---------|
| 0691 | Anodised Aluminium butt hinges 100x63x4 mm                                        | 10 Nos           | 521.96  |
| 0692 | Anodised Aluminium butt hinges 75x63x4 mm                                         | 10 Nos           | 505.98  |
| 0693 | Anodised Aluminium butt hinges 75x63x3.2 mm                                       | 10 Nos           | 479.35  |
| 0694 | Anodised Aluminium butt hinges 75x45x3.2 mm                                       | 10 Nos           | 415.43  |
| 0695 | Anodised Aluminium butt hinges 50x35x3.2 mm                                       | 10 Nos           | 102.46  |
| 0696 | Anodised Aluminium silding door bolt 300x16 mm                                    | each             | 165.11  |
| 0697 | Anodised Aluminium silding door bolt 250x16 mm                                    | each             | 133.15  |
| 0698 | Anodised Aluminium tower bolt (barrel type)300xi0 mm                              | 10 Nos           | 745.65  |
| 0699 | Anodised Aluminium tower bolt (barrel type)250x10 mm                              | 10 Nos           | 617.83  |
| 0700 | Anodised Aluminium tower bolt (barrel type)200x10 mm                              | 10 Nos           | 479.35  |
| 0701 | Anodised Aluminium tower bolt (barrel type) 150x10 mm                             | 10 Nos           | 383.48  |
| 0702 | Anodised Aluminium tower bolt (barrel type) 100x10 mm                             | ten              | 298.26  |
| 0703 | Anodised Aluminium handles 125 mm with plate 175x32 mm                            | ten              | 500.65  |
| 0704 | Anodised Aluminium nandies 100 mm with plate 150x32 mm                            | ten              | 383.48  |
| 0705 | Anodised Aluminium handles 75 mm with plate 125x32 mm                             | ten              | 319.57  |
| 0706 | Anodised Aluminium kicking plate 50cm long 100x3.15 mm                            | each             | 133.15  |
| 0713 | Block Board Construction flush door with teak wood ply on both faces 35 mm thick  | sqm              | 1704.35 |
| 0714 | Block Board Construction flush door with teak wood ply on both faces 30 mm thick  | sqm              | 1544.57 |
| 0715 | Block Board Construction flush door with teak wood ply on both faces 25 mm thick  | sqm              | 1384.78 |
| 0717 | Block board construction flush door with Commercial ply on both faces 35 mm thick | sqm              | 1171.74 |
| 0718 | Block board construction flush door with Commercial ply on both faces 30 mm thick | sqm              | 1011.96 |
| 0719 | Block board construction flush door with Commercial ply on both faces 25 mm thick | sqm              | 905.43  |
| 0752 | Block board construction flush door lipping                                       | sqm of door area | 298.26  |
| 0753 | Square vision Panel in Block board construction flush door                        | sqm of door area | 117.17  |
| 0754 | Circular Vision Panel in block board construction flush door                      | sqm of door area | 181.09  |
| 0755 | Decorative type Louvers in Block board construction flush door                    | sqm of door area | 308.91  |
| 0757 | Rebate cutting in Block board construction flush door                             | sqm of door area | 85.22   |
| 0759 | Decorative Plywood 4 mm                                                           | sqm              | 426.09  |
| 0761 | Fuel Wood                                                                         | quintal          | 479.35  |
| 0763 | Glue                                                                              | kilogram         | 69.24   |

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|------|----------------------------------------------------------------|----------|---------|
| 0765 | Hessian cloth                                                  | sqm      | 21.30   |
| 0768 | Jali (cement concrete) 50mm thick                              | sqm      | 223.70  |
| 0769 | Jali (cement concrete) 40mm thick                              | sqm      | 191.74  |
| 0770 | Jali (cement concrete) 25mm thick                              | sqm      | 154.46  |
| 0771 | Kerosene oil                                                   | litre    | 31.96   |
| 0773 | Lime Unslaked lime                                             | quintal  | 319.57  |
| 0775 | Lime Dehradun white lime                                       | quintal  | 436.74  |
| 0776 | Lime Satna lime                                                | quintal  | 245.00  |
| 0777 | Lime Dry hydrated lime (factory made)                          | quintal  | 234.35  |
| 0784 | Marble dust / powder                                           | cum      | 1065.22 |
| 0785 | Marble chips upto 4mm and down size White & black              | quintal  | 191.74  |
| 0786 | Marble chips upto 4mm and down size Chocolate, grey or yellow  | quintal  | 163.65  |
| 0787 | Marble chips upto 4mm and down size Baroda green               | quintal  | 163.65  |
| 0788 | Marble chips Large size above 4mm. white & black               | quintal  | 191.74  |
| 0810 | Moorum                                                         | cum      | 134.07  |
| 0811 | Mud (dry)                                                      | cum      | 53.26   |
| 0815 | Dry Distemper                                                  | kilogram | 37.28   |
| 0816 | Oil bound washable distemper / Acrylic distemper               | kilogram | 44.74   |
| 0818 | Oil / Fuel Linseed oil (double boiled)                         | litre    | 106.52  |
| 0820 | Primers Cement primer                                          | litre    | 85.22   |
| 0821 | Primers Distemper primer                                       | litre    | 85.22   |
| 0823 | Primers Pink primer (for wood)                                 | litre    | 90.54   |
| 0826 | Aluminium paint                                                | litre    | 122.50  |
| 0827 | Acid proof paint (chocolate or black)                          | litre    | 111.85  |
| 0828 | Anti-corrosive bituminous paint (black)                        | litre    | 90.54   |
| 0829 | Black Japan                                                    | litre    | 95.87   |
| 0830 | Enamel paint                                                   | litre    | 133.15  |
| 0831 | Floor enamel paint in all shades except green                  | litre    | 127.83  |
| 0833 | Synthetic enamel paint black or chocolate shade                | litre    | 138.48  |
| 0834 | Synthetic enamel paint in all shades except black or chocolate | litre    | 143.80  |
| 0835 | Plastic emulsion paint                                         | litre    | 175.76  |
| 0845 | Roofing paint for iron sheets in red colour                    | litre    | 117.17  |
| 0850 | White lead                                                     | kilogram | 85.22   |
| 0851 | Water proofing cement paint Snowcem Plus                       | kilogram | 42.61   |

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|------|---------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|
| 0855 | Polish Wax polish (ready made)                                                                                                              | kilogram | 186.41  |
| 0856 | Varnishes Ordinary varnish                                                                                                                  | litre    | 69.24   |
| 0857 | Varnishes Superior copal varnish                                                                                                            | litre    | 133.15  |
| 0858 | Varnishes Superior spar varnish                                                                                                             | litre    | 133.15  |
| 0859 | Oil type wood preservative                                                                                                                  | litre    | 74.57   |
| 0863 | Polish Putty for wood work                                                                                                                  | kilogram | 31.96   |
| 0865 | Pigments Pig lead                                                                                                                           | kilogram | 95.87   |
| 0868 | Premixed super white gypsum plaster.                                                                                                        | kg       | 7.46    |
| 0869 | Plaster of Paris                                                                                                                            | kilogram | 4.26    |
| 0870 | Pigments Plug                                                                                                                               | each     | 8.52    |
| 0873 | Pigments Pins - Copper pins 6 mm dia 7.5cm long                                                                                             | each     | 10.65   |
| 0874 | Pigments black colour dark shade                                                                                                            | kilogram | 58.59   |
| 0875 | Pigments Red chocolate orange buff or yellow (red oxide of iron ) light shade                                                               | kilogram | 74.57   |
| 0876 | Pigments green or blue medium shade                                                                                                         | kilogram | 63.91   |
| 0886 | standard holder bat clamps for sand cast iron or cast iron pipes 150mm dia                                                                  | each     | 26.63   |
| 0966 | sand cast iron plain shoe 150mm dia                                                                                                         | each     | 346.20  |
| 0967 | pigments plate -copper                                                                                                                      | kilogram | 287.61  |
| 0969 | Pulleys 25mm dia                                                                                                                            | each     | 31.96   |
| 0973 | Rolling shutters and its parts Rolling shutter made of 80X1.25mm machine rolled laths                                                       | sqm      | 1225.00 |
| 0974 | Rolling shutters and its parts Top cover for rolling shutters                                                                               | m        | 585.87  |
| 0975 | Rolling shutters and its parts 27.5cm long wire spring grade No 2 for rolling Shutters                                                      | each     | 266.30  |
| 0976 | Rolling shutters and its parts ball bearing for rolling shutters                                                                            | each     | 351.52  |
| 0977 | Extra for mechanical devices chain and cranked operation for operating rolling shutters Exceeding 10.00 sqm and upto 16.80 sqm area of door | sqm      | 553.91  |
| 0978 | Extra for mechanical devices chain and cranked operation for operating rolling shutters Exceeding 16.80 sqm area of door                    | sqm      | 585.87  |
| 0979 | Royalty for good earth                                                                                                                      | cum      | 31.96   |
| 0980 | Royalty for sludge                                                                                                                          | cum      | 95.87   |
| 0982 | Sand Coarse sand quarry at Koilwar/Sone                                                                                                     | cum      | 139.94  |
| 0983 | Fine sand (zone IV)                                                                                                                         | cum      | 119.40  |
| 0992 | Galvanised steel plain sheets                                                                                                               | quintal  | 5059.78 |
| 0994 | Standard quality hard board sheet 3mm thick                                                                                                 | sqm      | 117.17  |
| 0996 | Sheets standard quality had board sheet 4.5mm thick                                                                                         | sqm      | 138.48  |



|              |                                                       |          |         |
|--------------|-------------------------------------------------------|----------|---------|
| 0999         | Polish shellac                                        | kilogram | 218.37  |
| 1000         | Oil/Fuel spirit                                       | litre    | 69.24   |
| <b>1003</b>  | <b><u>Mild steel round bar above 12mm dia</u></b>     | quintal  | 4641.00 |
| 1001         | Spun yarn                                             | kilogram | 42.61   |
| <b>1002</b>  | <b><u>Mild steel round bar 12mm dia and below</u></b> | quintal  | 4488.75 |
| <b>1004</b>  | <b><u>Mild steel wire rod</u></b>                     | quintal  | 4473.00 |
| 1004<br>A    | 5.5mm                                                 | quintal  | 4488.75 |
| 1004<br>B    | 6.0mm                                                 | quintal  | 4473.00 |
| 1004<br>C    | 6.5mm                                                 | quintal  | 4457.25 |
| 1004<br>D    | 7.0mm                                                 | quintal  | 4436.25 |
| 1004<br>E    | 8.00mm                                                | quintal  | 4420.50 |
| 1004<br>F    | 10.0mm                                                | quintal  | 4488.75 |
| 1004<br>G    | 12.0/12.7mm                                           | quintal  | 4488.75 |
| <b>1005</b>  | <b>Steel T.M.T. Bars Fe 500</b>                       | quintal  | 4622.63 |
| 1005<br>A    | TMTC-500-8mm                                          | quintal  | 4751.25 |
| 1005<br>B    | TMTC-500-10mm                                         | quintal  | 4646.25 |
| 1005<br>C    | TMTC-500-12mm                                         | quintal  | 4593.75 |
| 1005<br>D    | TMT FE-500-16mm                                       | quintal  | 4641.00 |
| 1005<br>E    | TMT FE-500-20mm                                       | quintal  | 4622.63 |
| 1005<br>F    | TMT FE-500-25mm                                       | quintal  | 4622.63 |
| 1005<br>G    | TMT FE-500-28mm                                       | quintal  | 4622.63 |
| 1005<br>H    | TMT FE-500-32mm                                       | quintal  | 4622.63 |
| 1005<br>I    | TMT FE-500-36mm                                       | quintal  | 4622.63 |
| <b>1005'</b> | <b>Steel T.M.T. Bars Fe 415</b>                       | quintal  | 3914.67 |
| 1005<br>A'   | TMTC-415-8mm                                          | quintal  | 3914.67 |
| 1005<br>B'   | TMTC-415-10mm                                         | quintal  | 3914.67 |
| 1005<br>C'   | TMTC-415-12mm                                         | quintal  | 3858.75 |
| 1005<br>D'   | TMT FE-415-16mm                                       | quintal  | 3858.75 |

|                    |                        |         |         |
|--------------------|------------------------|---------|---------|
| 1005<br>E'         | TMT FE-415-20mm        | quintal | 3858.75 |
| 1005<br>F'         | TMT FE-415-25mm        | quintal | 3858.75 |
| 1005<br>G'         | TMT FE-415-28mm        | quintal | 3858.75 |
| 1005<br>H'         | TMT FE-415-32mm        | quintal | 3858.75 |
| 1006               | Mild steel square bars | quintal | 3783.51 |
| <b>100<br/>7 A</b> | <b>STEEL JOIST</b>     | quintal | 4031.67 |
| a                  | 200X100                | quintal | 4031.67 |
| b                  | 225X110                | quintal | 4031.67 |
| c                  | 250X125                | quintal | 4093.41 |
| d                  | 300X140                | quintal | 4093.41 |
| e                  | 350X140                | quintal | 4219.24 |
| f                  | 400X140                | quintal | 4342.60 |
| g                  | 450X150                | quintal | 4456.24 |
| h                  | 500X180                | quintal | 4569.88 |
| i                  | 600X210                | quintal | 4911.01 |
| <b>100<br/>7B</b>  | <b>STEEL CHANNEL</b>   | quintal | 4551.75 |
| a                  | 75X40                  | quintal | 4551.75 |
| b                  | 100X50                 | quintal | 4551.75 |
| c                  | 125X65                 | quintal | 4473.00 |
| d                  | 150X75                 | quintal | 4462.50 |
| e                  | 175X75                 | quintal | 4462.50 |
| f                  | 200X75                 | quintal | 4462.50 |
| g                  | 250X82                 | quintal | 4462.50 |
| h                  | 300X90                 | quintal | 4462.50 |
| i                  | 400X100                | quintal | 4462.50 |
| <b>100<br/>7C</b>  | <b>STEEL ANGLES</b>    | quintal | 4536.00 |
| a                  | 50x50x6                | quintal | 4536.00 |
| b                  | 60X60X6                | quintal | 4536.00 |
| c                  | 65X65X6                | quintal | 4536.00 |
| d                  | 75X75X6                | quintal | 4536.00 |
| e                  | 80X80X8/10/12          | quintal | 4536.00 |
| f                  | 90X90X6                | quintal | 4536.00 |

|      |                                                                                                  |         |         |
|------|--------------------------------------------------------------------------------------------------|---------|---------|
| g    | 100X100X8/10/12                                                                                  | quintal | 4536.00 |
| h    | 110X110X8/10/12                                                                                  | quintal | 4536.00 |
| i    | 130X130X10/12                                                                                    | quintal | 4536.00 |
| j    | 150X150X12/16/20                                                                                 | quintal | 4536.00 |
| k    | 200X200X16/18/26                                                                                 | quintal | 4536.00 |
| 1008 | Flats upto 10mm in thickness                                                                     | quintal | 4473.91 |
| 1009 | Flats exceeding 10mm in thickness                                                                | quintal | 4420.65 |
| 1010 | Mild steel plates                                                                                | quintal | 4793.48 |
| 1013 | Mild steel sheets for tanks                                                                      | quintal | 4900.00 |
| 1015 | Mild steel expanded metal 20x60 mm strands                                                       | sqm     | 287.61  |
| 1019 | Mild steel hooks                                                                                 | each    | 31.96   |
| 1020 | Mild steel rivets                                                                                | quintal | 5113.04 |
| 1021 | Hard drawn steel wire fabric                                                                     | sqm     | 458.04  |
| 1022 | Galvanised steel bolts and nuts 6mm dia. And 25mm long round head with slots                     | ten     | 21.30   |
| 1023 | Galvanised steel J or L hooks 8mm dia.                                                           | Ten     | 95.87   |
| 1024 | Galvanised steel bolts and nuts 10mm dia. and 125mm long                                         | each    | 10.65   |
| 1025 | Mild steel bolts 6mm dia and 25mm long with hexagonal head                                       | ten     | 26.63   |
| 1028 | Straining bolts                                                                                  | each    | 74.57   |
| 1029 | Galvanised steel barbed wire                                                                     | quintal | 5512.50 |
| 1030 | Galvanised steel turn buckles                                                                    | each    | 15.98   |
| 1031 | Galvanised steel bolts & nut 10mm dia 27cm long both sides threaded with 4 galvanised steel nuts | each    | 21.30   |
| 1032 | Galvanised steel bolts 10mm dia 7cm long with nuts                                               | each    | 15.98   |
| 1034 | Bolts and nuts upto 300mm in length                                                              | quintal | 5752.17 |
| 1035 | Bolts and nuts above 300mm in length                                                             | quintal | 5752.17 |
| 1036 | Iron Pintels including welded pin                                                                | each    | 37.28   |
| 1143 | Steel Beading                                                                                    | metre   | 21.30   |
| 1145 | Aluminium Plain Strip edging 38x12x3 mm                                                          | metre   | 15.98   |
| 1149 | Glass strips 4mm thick 40mm deep                                                                 | metre   | 9.59    |
| 1151 | Boundry stone top chisel dressed 15x15x90cm                                                      | each    | 63.91   |
| 1154 | Through and bond stone                                                                           | 100 nos | 1171.74 |
| 1157 | Stone for masonry work                                                                           | cum     | 719.02  |
| 1158 | Stone for pitching 15cm x 22.5cm                                                                 | cum     | 447.39  |
| 1159 | Stone dust                                                                                       | cum     | 97.20   |

|      |                                                                          |         |         |
|------|--------------------------------------------------------------------------|---------|---------|
| 1160 | Red sand stone block                                                     | 10 cudm | 63.91   |
| 1161 | White sand stone block                                                   | 10 cudm | 69.24   |
| 1163 | White sand stone slab 75mm thick (un-dressed)                            | sqm     | 298.26  |
| 1164 | Red sand stone slab 40mm thick (undressed)                               | sqm     | 165.11  |
| 1165 | White sand stone slab 40mm thick (undressed)                             | sqm     | 181.09  |
| 1166 | Red sand stone slab 30mm thick (undressed)                               | sqm     | 127.83  |
| 1168 | Kota stone slab 20mm to 25mm thick (semi-polished)                       | sqm     | 287.61  |
| 1169 | Kota stone slab 25mm thick (rough chiselled)                             | sqm     | 186.41  |
| 1174 | Red sand stone slab 45/50mm thick (un-polished)                          | sqm     | 175.76  |
| 1175 | White sand stone slab 45/50mm thick (undressed)                          | sqm     | 197.07  |
| 1177 | Stone grit 6 mm and down size or pia sized grand                         | cum     | 958.70  |
| 1179 | Crushed stone 2.36 mm to 12.5 mm size                                    | cum     | 974.67  |
| 1182 | Surkhi                                                                   | cum     | 1636.95 |
| A    | Uraban Patna                                                             | cum     | 1636.95 |
| B    | For Purnia,Bhagalpur,Saharasa,Munger,Darabhanga                          | cum     | 1569.75 |
| C    | For other places                                                         | cum     | 1516.20 |
| D    | For Patna Rural                                                          | cum     | 1580.25 |
| 1186 | Superior class teak wood such as Dandeli, Balarshah or Malabar in planks | 10 cudm | 1118.48 |
| 1187 | First class teak wood in scantling                                       | 10 cudm | 745.65  |
| 1188 | First class teak wood in planks                                          | 10 cudm | 852.17  |
| 1189 | Second class teak wood in scantling                                      | 10 cudm | 681.74  |
| 1190 | Second class teak wood in planks                                         | 10 cudm | 766.96  |
| 1194 | Second class deodar wood in pianks                                       | 10 cudm | 511.30  |
| 1196 | First class kail wood in planks                                          | 10 cudm | 319.57  |
| 1197 | Second class kail wood in scantling                                      | 10 cudm | 266.30  |
| 1198 | Second clas's kail wood in planks                                        | 10 cudm | 266.30  |
| 1199 | Sal wood in scantling                                                    | 10 cudm | 532.61  |
| 1195 | Local wood in scantling                                                  | 10 cudm | 319.57  |
| 1201 | Precast terrazo tiles 22 mm thick (light shade)                          | sqm     | 255.65  |
| 1202 | Precast terrazo tiles 22 mm thick (medium shade)                         | sqm     | 234.35  |
| 1203 | Precast terrazo tiles 22 mm thick (dark shade)                           | sqm     | 213.04  |
| 1207 | Washers Cadmium coated G.I. limpet washer                                | cent    | 37.28   |
| 1208 | Washers Bitumen washer                                                   | cent    | 26.63   |
| 1209 | Washers G.I. plain washer thick                                          | cent    | 34.09   |



|      |                                                                        |          |         |
|------|------------------------------------------------------------------------|----------|---------|
| 1210 | Washers G.I. plain washer thin                                         | cent     | 31.96   |
| 1211 | Washers G.I. plain washer for seam bolts                               | cent     | 34.09   |
| 1213 | Water proofing compound 'Impermo' of Snowcem India Ltd.                | kilogram | 26.63   |
| 1214 | Welding By gas plant                                                   | cm       | 1.60    |
| 1215 | Welding By electric plant                                              | cm       | 1.60    |
| 1216 | Whiting                                                                | quintal  | 426.09  |
| 1219 | Wire nails                                                             | kilogram | 55.39   |
| 1220 | Wire mesh (Rabbit)                                                     | sqm      | 47.93   |
| 1221 | 20 mm dia holding down bolts                                           | quintal  | 5752.17 |
| 1222 | Mild steel sheets with bolts and nuts to rest on lintels               | each     | 117.17  |
| 1224 | Hard drawn steel wire                                                  | quintal  | 4473.91 |
| 1225 | Mild steel flat strap fitting                                          | quintal  | 4207.61 |
| 1227 | Chequered terrazo tiles 22mm thick (light shade)                       | sqm      | 319.57  |
| 1228 | Chequered terrazo tiles 22mm thick (medium shade)                      | sqm      | 276.96  |
| 1229 | Chequered terrazo tiles 22mm thick (dark shade)                        | sqm      | 239.67  |
| 1231 | Extra for selected planks of second class teak wood                    | 10 cudm  | 122.50  |
| 1234 | Aluminium plain strip edging 57x12x3 mm                                | metre    | 138.48  |
| 1235 | Oil / Fuel Diesel oil                                                  | litre    | 43.98   |
| 1237 | Cutting marble or sand stone slab upto 50mm thick by mechanical device | metre    | 8.52    |
| 1238 | Bamboo Extra for selected planks of first class teak wood              | 10 cudm  | 149.13  |
| 1241 | Oil / Fuel LPG (Commercial Cylinder)                                   | kg       | 54.33   |
| 1301 | Bleaching powder                                                       | quintal  | 1864.13 |
| 1304 | Surface box for stop cock                                              | each     | 106.52  |
| 1305 | Surface box for sluice valve                                           | each     | 197.07  |
| 1307 | Surface box for water meter                                            | each     | 218.37  |
| 1309 | C.I. bracket for wash basin and sinks                                  | pair     | 56.46   |
| 1314 | C.P. brass chain with 32 mm dia rubber plug                            | each     | 27.70   |
| 1315 | C.P. brass chain with 40 mm dia rubber plug                            | each     | 28.76   |
| 1330 | Clamps and M.S. stays including bolts and nuts for 100 mm pipe         | each     | 35.15   |
| 1331 | M.S. Holder bat clamp of approved design for 10 mm S.C.I.pipe          | each     | 18.11   |
| 1332 | M.S. Holder bat clamp of approved design for 75mm S.C.I.pipe           | each     | 15.98   |
| 1334 | Clamps and M.S. stays including bolts and nuts for 50 mm pipe          | each     | 26.63   |

|      |                                                                |      |         |
|------|----------------------------------------------------------------|------|---------|
| 1335 | Clamps and M.S. stays including bolts and nuts for 75 mm pipe  | each | 30.89   |
| 1336 | Clearing eye with chain and lid 100 mm dia                     | each | 46.87   |
| 1337 | Clearing eye with chain and lid 150 mm dia                     | each | 53.26   |
| 1339 | Brass bib-cock 15 mm dia                                       | each | 175.76  |
| 1340 | Brass bib-cock 20 mm dia                                       | each | 229.02  |
| 1342 | Brass stop-cock 15 mm dia                                      | each | 175.76  |
| 1343 | Brass stop-cock 20 mm dia                                      | each | 229.02  |
| 1350 | Mosquito proof coupling of approved design                     | each | 28.76   |
| 1352 | C.I. cover and frame 300x300 mm inside                         | each | 298.26  |
| 1353 | C.I. cover without frame 300x300 mm inside i/c cover of 4.50kg | each | 213.04  |
| 1354 | Rectangular cover 455x610 mm with frame (low duty)             | each | 1507.28 |
| 1355 | Rectangular cover 455x610 mm without frame (low duty)          | each | 1043.91 |
| 1356 | 500mm dia cover with frame (medium duty)                       | each | 4724.24 |
| 1357 | 500mm dia cover without frame (medium duty)                    | each | 2354.13 |
| 1360 | C.I. mouth ,brass ferrule 15 mm dia                            | each | 122.50  |
| 1361 | C.I. mouth ,brass ferrule 20 mm dia                            | each | 154.46  |
| 1362 | C.I. mouth ,brass ferrule 20 mm dia                            | each | 218.37  |
| 1363 | Vitreous china foot rests 250x130x30 mm                        | pair | 95.87   |
| 1364 | C.I. grating 100x100 mm                                        | each | 15.98   |
| 1366 | C.I. grating 150x150 mm                                        | each | 26.63   |
| 1367 | C.I. grating 180x180 mm                                        | each | 31.96   |
| 1369 | S.C.I. gully or nahani grating 100 mm dia                      | each | 15.98   |
| 1373 | Rubber insertions for 80 mm dia pipe joints                    | each | 11.72   |
| 1374 | Rubber insertions for 100 mm dia pipe joints                   | each | 14.91   |
| 1375 | Rubber insertions for 125 mm dia pipe joints                   | each | 15.98   |
| 1376 | Rubber insertions for 150 mm dia pipe joints                   | each | 18.11   |
| 1377 | Rubber insertions for 200 mm dia pipe joints                   | each | 23.43   |
| 1378 | Rubber insertions for 250 mm dia pipe joints                   | each | 34.09   |
| 1379 | Rubber insertions for 300 mm dia pipe joints                   | each | 42.61   |
| 1380 | Rubber insertions for 350 mm dia pipe joints                   | each | 47.93   |
| 1381 | Rubber insertions for 400 mm dia pipe joints                   | each | 71.37   |
| 1382 | Rubber insertions for 450 mm dia pipe joints                   | each | 89.48   |
| 1383 | Rubber insertions for 500 mm dia pipe joints                   | each | 112.91  |
| 1384 | Rubber insertions for 600 mm dia pipe joints                   | each | 125.70  |

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|------|---------------------------------------------------------------------------------------|----------|---------|
| 1392 | Mirror of superior make glass 60x45 cm                                                | each     | 308.91  |
| 1396 | Vitreous china pedestal for wash basin                                                | each     | 692.39  |
| 1397 | Pig lead                                                                              | kilogram | 95.87   |
| 1464 | S & S.C.I. standard specials up to 300 mm dia (heavy class)                           | quintal  | 3675.00 |
| 1466 | S & S.C.I. standard specials over 300 mm dia (heavy class)                            | quintal  | 3781.52 |
| 1468 | Flanged C.I. standard specials up to 300 mm dia (heavy class)                         | quintal  | 5645.65 |
| 1470 | Flanged C.I. standard specials over 300 mm dia (heavy class)                          | quintal  | 5965.22 |
| 1472 | Casing pipe 100 mm dia                                                                | metre    | 356.85  |
| 1532 | Flush pipe with union spreaders and clamps all in C.P. brass for single stall         | each     | 255.65  |
| 1533 | Flush pipe with union spreaders and clamps all in C.P. brass for double stall         | each     | 404.78  |
| 1534 | Flush pipe with union spreaders and clamps all in C.P. brass for range of three stall | each     | 521.96  |
| 1535 | Flush pipe with union spreaders and clamps all in C.P. brass for range of four stall  | each     | 607.17  |
| 1540 | Flush pipe and spreaders G.I. for single set of one squatting plate urinal            | each     | 181.09  |
| 1541 | Flush pipe and spreaders G.I. for range of two squatting plates urinal                | each     | 245.00  |
| 1542 | Flush pipe and spreaders G.I. for range of three squatting plates urinal each         | each     | 308.91  |
| 1543 | Flush pipe and spreaders G.I. for range of four squatting plates urinal               | each     | 388.80  |
| 1545 | G.I. pipes 15 mm dia                                                                  | metre    | 86.28   |
| 1546 | G.I. pipes 20 mm dia                                                                  | metre    | 103.33  |
| 1547 | G.I. pipes 25 mm dia                                                                  | metre    | 142.74  |
| 1548 | G.I. pipes 32 mm dia                                                                  | metre    | 177.89  |
| 1549 | G.I. pipes 40 mm dia                                                                  | metre    | 215.17  |
| 1550 | G.I. pipes 50 mm dia                                                                  | metre    | 270.57  |
| 1551 | G.I. pipes 65 mm dia                                                                  | metre    | 346.20  |
| 1552 | G.I. pipes 80 mm dia                                                                  | metre    | 453.78  |
| 1555 | G.I. back (jam) nuts 25 mm dia                                                        | each     | 8.52    |
| 1559 | G.I. back (jam) nuts 65 mm dia                                                        | each     | 19.17   |
| 1608 | G.I. tees (equal) 25 mm                                                               | each     | 44.74   |
| 1612 | G.I. tees (equal) 65 mm                                                               | each     | 287.61  |
| 1614 | G.I. inlet connection                                                                 | each     | 64.98   |

|      |                                                                              |      |         |
|------|------------------------------------------------------------------------------|------|---------|
| 1616 | S.C.I. soil, waste and vent single socketed pipe 1.80 metres long: 75mm dia  | each | 948.04  |
| 1617 | S.C.I. soil, waste and vent single socketed pipe 1.80 metres long: 100mm dia | each | 1054.57 |
| 1618 | S.C.I. soil, waste and vent single socketed pipe 1.80 metres long: 150mm dia | each | 1736.30 |
| 1620 | S.C.I. plain bend 75 mm dia                                                  | each | 181.09  |
| 1621 | S.C.I. plain bend 100 mm dia                                                 | each | 223.70  |
| 1622 | S.C.I. plain bend 150 mm dia                                                 | each | 500.65  |
| 1624 | S.C.I. bend with access door 75 mm dia                                       | each | 199.20  |
| 1625 | S.C.I. bend with access door 100 mm dia                                      | each | 248.20  |
| 1627 | S.C.I. plain single equal junctions 75x75x75 mm dia                          | each | 255.65  |
| 1628 | S.C.I. plain single equal junctions 100x100x100 mm dia                       | each | 330.22  |
| 1630 | S.C.I. single equal junctions 75x75x75 mm dia with access door               | each | 276.96  |
| 1631 | S.C.I. single equal junctions 100x100x100 mm dia with access door            | each | 372.83  |
| 1633 | S.C.I. plain double equal junctions 75x75x75x75 mm dia                       | each | 356.85  |
| 1634 | S.C.I. plain double equal junctions 100x100x100x100 mm dia                   | each | 521.96  |
| 1636 | S.C.I. double equal junctions 75x75x75x75 mm dia with access door            | each | 420.76  |
| 1637 | S.C.I. double equal junctions 100x100x100x100 mm dia with access door        | each | 564.57  |
| 1639 | Slotted cowl (terminal guard) 75 mm dia                                      | each | 145.93  |
| 1640 | Slotted cowl (terminal guard) 100 mm dia                                     | each | 199.20  |
| 1641 | G.I. Union 15 mm nominal bore                                                | each | 42.61   |
| 1642 | G.I. Union 20 mm nominal bore                                                | each | 63.91   |
| 1643 | G.I. Union 25 mm nominal bore                                                | each | 74.57   |
| 1644 | G.I. Union 32 mm nominal bore                                                | each | 106.52  |
| 1645 | G.I. Union 40 mm nominal bore                                                | each | 143.80  |
| 1646 | G.I. Union 50 mm nominal bore                                                | each | 191.74  |
| 1647 | G.I. Union 65 mm nominal bore                                                | each | 415.43  |
| 1648 | G.I. Union 80 mm nominal bore                                                | each | 511.30  |



|      |                                                                                    |            |        |
|------|------------------------------------------------------------------------------------|------------|--------|
| 1649 | Polyethylene water storage tank with cover and suitable locking arrangement        | pair litre | 4.74   |
| 1653 | Sand cast iron S&S plain single unequal junctions : 100x100x75 mm dia              | each       | 372.83 |
| 1656 | Sand cast iron S&S single unequal junctions: 100x100x75 mm dia with access door    | each       | 415.43 |
| 1659 | Sand cast iron S&S plain double unequal junctions : 100x100x75x75 mm dia           | each       | 543.26 |
| 1662 | Sand cast iron S&S double unequal junctions: 100x100x75x75 mm dia with access door | each       | 585.87 |
| 1666 | Sand cast iron heel rest bend 75 mm dia                                            | each       | 213.04 |
| 1667 | Sand cast iron heel rest bend 100 mm dia                                           | each       | 254.59 |
| 1669 | S.C.I. single equal invert branch of required degree 75x75x75 mm dia               | each       | 308.91 |
| 1670 | S.C.I. single equal invert branch of required degree 100x100x100 mm dia            | each       | 412.24 |
| 1672 | S.C.I. double equal invert branch of required degree 75x75x75x75 mm dia            | each       | 406.91 |
| 1673 | S.C.I. double equal invert branch of required degree 100x100x100x100 mm dia        | each       | 543.26 |
| 1674 | S.C.I. single unequal invert branch of required degree 100x100x75 mm dia           | each       | 496.39 |
| 1677 | S.C.I. double unequal invert branch of required degree 100x100x75x75 mm dia        | each       | 580.54 |
| 1682 | S.C.I. door pieces 75 mm dia                                                       | each       | 269.50 |
| 1683 | S.C.I. door pieces 100 mm dia                                                      | each       | 372.83 |
| 1685 | S.C.I. collar 75 mm dia                                                            | each       | 104.39 |
| 1686 | S.C.I. collar 100 mm dia                                                           | each       | 141.67 |
| 1687 | Unplasticised P.V.C. connection pipe with brass union 30 cm long 15 mm bore        | each       | 27.70  |
| 1688 | Unplasticised P.V.C. connection pipe with brass union 30 cm long 20 mm bore        | each       | 35.15  |
| 1689 | Unplasticised P.V.C. connection pipe with brass union 45 cm long 15 mm bore        | each       | 35.15  |
| 1690 | Unplasticised P.V.C. connection pipe with brass union 45 cm long 20 mm bore        | each       | 45.80  |
| 1693 | S.C.I. hand pump                                                                   | each       | 585.87 |
| 1700 | R.C.C. pipes NP2 class 100 mm dia                                                  | metre      | 143.80 |
| 1701 | R.C.C. pipes NP2 class 150 mm dia                                                  | metre      | 164.04 |
| 1702 | R.C.C. pipes NP2 class 250 mm dia                                                  | metre      | 200.26 |

|      |                                                     |       |         |
|------|-----------------------------------------------------|-------|---------|
| 1703 | R.C.C. pipes NP2 class 300 mm dia                   | metre | 278.02  |
| 1704 | R.C.C. pipes NP2 class 450 mm dia                   | metre | 404.78  |
| 1705 | R.C.C. pipes NP2 class 500 mm dia                   | metre | 483.61  |
| 1706 | R.C.C. pipes NP2 class 600 mm dia                   | metre | 779.74  |
| 1707 | R.C.C. pipes NP2 class 700 mm dia                   | metre | 905.43  |
| 1709 | R.C.C. pipes NP2 class 800 mm dia                   | metre | 1022.61 |
| 1710 | R.C.C. pipes NP2 class 900 mm dia                   | metre | 1198.37 |
| 1711 | R.C.C. pipes NP2 class 1000 mm dia                  | metre | 1512.61 |
| 1712 | R.C.C. pipes NP2 class 1100 mm dia                  | metre | 1842.83 |
| 1713 | R.C.C. pipes NP2 class 1200 mm dia                  | metre | 1874.78 |
| 1714 | R.C.C. pipes NP2 class 100 mm dia                   | each  | 21.30   |
| 1715 | R.C.C. pipes NP2 class 150 mm dia                   | each  | 26.63   |
| 1716 | R.C.C.collars NP2 class 250 mm dia                  | each  | 42.61   |
| 1717 | R.C.C.collars NP2 class 300 mm dia                  | each  | 52.20   |
| 1718 | R.C.C.collars NP2 class 450 mm dia                  | each  | 79.89   |
| 1719 | R.C.C. collars NP2 class 500 mm dia                 | each  | 94.80   |
| 1720 | R.C.C.collars NP2 class 600 mm dia                  | each  | 116.11  |
| 1721 | R.C.C. collars NP2 class 700 mm dia                 | each  | 128.89  |
| 1723 | R.C.C.collars NP2 class 800 mm dia                  | each  | 183.22  |
| 1724 | R.C.C. collars NP2 class 900 mm dia                 | each  | 223.70  |
| 1725 | R.C.C. collars NP2 class 1000 mm dia                | each  | 272.70  |
| 1726 | R.C.C. collars NP2 class 1100 mm dia                | each  | 301.46  |
| 1727 | R.C.C. collars NP2 class 1200 mm dia                | each  | 351.52  |
| 1854 | Stoneware pipes grade A (60 cm long) 100 mm dia     | each  | 38.35   |
| 1855 | Stoneware pipes grade A (60 cm long) 150 mm dia     | each  | 56.46   |
| 1856 | Stoneware pipes grade A (60 cm long) 200 mm dia     | each  | 96.93   |
| 1858 | Stoneware pipes grade A (60 cm long) 250 mm dia     | each  | 138.48  |
| 1859 | Stoneware pipes grade A (60 cm long) 300 mm dia     | each  | 202.39  |
| 1863 | Fire clay kitchen sink: 600x450x250 mm              | each  | 1438.04 |
| 1871 | White vitreous china laboratory sink 450x300x150 mm | each  | 873.48  |

|      |                                                                                                         |          |         |
|------|---------------------------------------------------------------------------------------------------------|----------|---------|
| 1872 | White vitreous china laboratory sink 600x450x200 mm                                                     | each     | 1624.46 |
| 1875 | White plastic seat (solid) with lid C.P. brass hinges and rubber buffers                                | each     | 330.22  |
| 1876 | Black plastic seat (solid) with lid C.P. brass hinges and rubber buffers                                | each     | 312.11  |
| 1878 | Shower rose C.P. brass for 15 to 20 mm inlet 100 mm dia                                                 | each     | 42.61   |
| 1879 | Shower rose C.P. brass for 15 to 20 mm inlet 150 mm dia                                                 | each     | 58.59   |
| 1881 | Spun yarn                                                                                               | kilogram | 42.61   |
| 1882 | Strainer brass 40 mm dia 1.5 metre long                                                                 | each     | 527.28  |
| 1885 | 15 mm C.P. brass tap                                                                                    | each     | 181.09  |
| 1889 | C.P. brass toilet paper holder of standard size                                                         | each     | 122.50  |
| 1891 | C.I. trap for standard urinal with vent arm with operating and other couplings in C.P. brass: 50 mm dia | each     | 168.30  |
| 1893 | C.I. trap for standard urinal with vent arm with operating and other couplings in C.P. brass: 80 mm dia | each     | 213.04  |
| 1895 | C.P. brass trap 40 mm dia                                                                               | each     | 133.15  |
| 1896 | 100 mm S.C.I. trap with vent heel                                                                       | each     | 328.09  |
| 1897 | 100 mm S.C.I. trap with 100 mm inlet and 100 mm outlet                                                  | each     | 280.15  |
| 1898 | 100 mm S.C.I. trap with 100 mm inlet and 75 mm outlet                                                   | each     | 210.91  |
| 1900 | S.W. gully trap P type 100x100 mm                                                                       | each     | 74.57   |
| 1902 | S.W. gully trap P type 150x100 mm                                                                       | each     | 110.78  |
| 1904 | S.W. gully trap P type 180x150 mm                                                                       | each     | 207.72  |
| 1913 | Vitreous china lipped front urinal                                                                      | each     | 490.00  |
| 1915 | Vitreous china squatting plate urinal                                                                   | each     | 788.26  |
| 1922 | H.P. or L.P. ball valve with polythene floats: 15 mm dia                                                | each     | 202.39  |
| 1923 | H.P. or L.P. ball valve with polythene floats: 20 mm dia                                                | each     | 287.61  |
| 1924 | H.P. or L.P. ball valve with polythene floats: 25 mm dia                                                | each     | 335.54  |
| 1927 | Brass full way valve with C.I. wheel (screwed end) 25 mm dia                                            | each     | 324.89  |
| 1928 | Brass full way valve with C.I. wheel (screwed end) 32 mm dia                                            | each     | 394.13  |

|      |                                                              |      |          |
|------|--------------------------------------------------------------|------|----------|
| 1929 | Brass full way valve with C.I. wheel (screwed end) 40 mm dia | each | 479.35   |
| 1930 | Brass full way valve with C.I. wheel (screwed end) 50 mm dia | each | 692.39   |
| 1931 | Brass full way valve with C.I. wheel (screwed end) 65 mm dia | each | 958.70   |
| 1932 | Brass full way valve with C.I. wheel (screwed end) 80 mm dia | each | 1651.09  |
| 1933 | Gunmetal non-return valve-horizontal (screwed end) 25 mm dia | each | 330.22   |
| 1934 | Gunmetal non-return valve-horizontal (screwed end) 32 mm dia | each | 426.09   |
| 1935 | Gunmetal non-return valve-horizontal (screwed end) 40 mm dia | each | 543.26   |
| 1936 | Gunmetal non-return valve-horizontal (screwed end) 50 mm dia | each | 830.87   |
| 1937 | Gunmetal non-return valve-horizontal (screwed end) 65 mm dia | each | 1512.61  |
| 1938 | Gunmetal non-return valve-horizontal (screwed end) 80 mm dia | each | 2162.39  |
| 1940 | C.I.slucice valve (with caps) class I : 100 mm dia           | each | 2450.00  |
| 1941 | C.I.slucice valve (with caps) class I : 125 mm dia           | each | 2769.57  |
| 1942 | C.I.slucice valve (with caps) class I : 150 mm dia           | each | 3632.39  |
| 1943 | C.I.slucice valve (with caps) class I : 200 mm dia           | each | 6977.17  |
| 1944 | C.I.slucice valve (with caps) class I : 250 mm dia           | each | 10172.83 |
| 1945 | C.I.slucice valve (with caps) class I : 300 mm dia           | each | 14380.43 |
| 1947 | Vitreous china flat back wash basin 630x450 mm               | each | 719.02   |
| 1949 | Vitreous china angle back wash basin 600x480 mm              | each | 617.83   |
| 1950 | Vitreous china angle back wash basin 400x400 mm              | each | 431.41   |
| 1951 | C.P. brass waste 32 mm                                       | each | 58.59    |
| 1952 | C.P. brass waste 40 mm                                       | each | 66.04    |
| 1953 | Vitreous china Indian type w.c. pan size 580 mm              | each | 362.17   |
| 1954 | Vitreous china orrisa type w.c. pan size 580 mm              | each | 798.91   |
| 1955 | Vitreous china pedestal type water closet                    | each | 724.35   |
| 1956 | Bolts and nuts 16 mm dia 60 mm long                          | each | 10.65    |
| 1957 | Bolts and nuts 16 mm dia 65 mm long                          | each | 11.72    |

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|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|
| 1958 | Bolts and nuts 20 mm dia 65 mm long                                                                                                                               | each     | 13.85   |
| 1959 | Bolts and nuts 20 mm dia 70 mm long                                                                                                                               | each     | 13.85   |
| 1960 | Bolts and nuts 20 mm dia 75 mm long                                                                                                                               | each     | 14.91   |
| 1961 | Bolts and nuts 20 mm dia 80 mm long                                                                                                                               | each     | 15.98   |
| 1962 | Bolts and nuts 24 mm dia 85 mm long                                                                                                                               | each     | 28.76   |
| 1963 | Bolts and nuts 24 mm dia 90 mm long                                                                                                                               | each     | 30.89   |
| 1964 | Bolts and nuts 27 mm dia 100 mm long                                                                                                                              | each     | 37.28   |
| 1965 | White vitreous china dual purpose closet (Anglo Indian W.C.) suitable for use as squatting pan or European type water closet as per manufacturer's specifications | each     | 1331.52 |
| 1970 | Vitreous china foot rests 250x125x25 mm                                                                                                                           | pair     | 106.52  |
| 1980 | Fly ash                                                                                                                                                           | cum      | 8.26    |
| 1984 | Brick Tiles (300mm x 150mm x 50mm)                                                                                                                                | thousand | 5672.10 |
| 1986 | Common burnt clay modular bricks class designation 12.5                                                                                                           | 1000 nos | 3834.78 |
| 2391 | Strips-Aluminium fluted 3.15 mm thick and 150 mm wide                                                                                                             | metre    | 242.87  |
| 2392 | Strips-Aiuminium fluted 3.15 mm thick and 200 mm wide metre                                                                                                       | metre    | 344.07  |
| 2406 | Float glass sheet of nominal thickness 4 mm (weighing not less than 10 kg/sqm)                                                                                    | sqm      | 330.22  |
| 2407 | Float Glass sheet of nominal thickness 5.5mm (weighing not less than 13.50 kg/sqm)                                                                                | sqm      | 479.35  |
| 2412 | Ply wood 5 ply with commercial ply on both faces 6 mm thick                                                                                                       | sqm      | 362.17  |
| 2447 | Hollock bailies 125 mm diameter                                                                                                                                   | metre    | 37.28   |
| 2449 | Oxidised mild steel Pull bolt lock of size 85mmx42mm with screws bolts and washers complete                                                                       | each     | 46.87   |
| 2451 | Brass Cupboard lock 6 levers (best make of approved quality) 40 mm size                                                                                           | each     | 69.24   |
| 2452 | Brass Cupboard lock 6 levers (best make of approved quality) 50 mm size                                                                                           | each     | 74.57   |
| 2453 | Brass Cupboard lock 6 levers (best make of approved quality) 65 mm size                                                                                           | each     | 79.89   |
| 2454 | Brass Cupboard lock 6 levers (best make of approved quality) 75 mm size                                                                                           | each     | 101.20  |
| 2455 | Brass Hanging type door stopper 150 mm                                                                                                                            | each     | 63.91   |



|       |                                                                                                                       |          |                |
|-------|-----------------------------------------------------------------------------------------------------------------------|----------|----------------|
| 2456  | Hydraulic door closer tubular type aluminium die cast body with necessary accessories and screws complete             | each     | 569.89         |
| 2459  | Anodised Aluminium hanging type door stopper                                                                          | each     | 22.37          |
| 2464  | Anodised Aluminium pull bolt lock (locking bolt) of size 85x42 mm with screws, bolts, nuts and washers complete       | each     | 49.00          |
| 2465  | Anodised Aluminium Casement stay 250 mm                                                                               | each     | 49.00          |
| 2466  | Hollock wood in scantling                                                                                             | 10 cud   | 330.22         |
| 2467  | Chromium plated Brass Pull bolt lock (locking bolt) of size 85mm x 42mm with screws, bolts, nuts and washers complete | each     | 154.46         |
| 2468  | Chromium Brass cupboard lock (Nickled) 40mm size                                                                      | each     | 66.04          |
| 2469  | Chromium Brass cupboard lock (Nickled) 50mm size                                                                      | each     | 74.57          |
| 2470  | Chromium Brass cupboard lock (Nickled) 65mm size                                                                      | each     | 87.35          |
| 2471  | Chromium Brass cupboard lock (Nickled) 75mm size                                                                      | each     | 109.72         |
| 2480  | PANELS Ply wood 5 ply with teak ply on both faces 9 mm thick                                                          | sqm      | 1022.61        |
| 2481  | Ply wood 5 ply with teak ply n one face and commercial ply on another face 9 mm thick                                 | sqm      | 825.54         |
| 2483  | Ply wood 7 ply with teak ply on one face and commercial ply on another face 9 mm thick                                | sqm      | 900.11         |
| 2500  | Extra for selected planks of second class deodar wood                                                                 | 10 cud   | 77.76          |
| 2504  | Kiln seasoning of timber                                                                                              | cum      | 724.35         |
| 2505  | Hollock wood in planks                                                                                                | 10 cud   | 372.83         |
| 2602  | Designation 100 A Brick                                                                                               | thousand | <b>4725.00</b> |
| 2602A | Urban Patna                                                                                                           | thousand | 5917.80        |
| 2602B | Darbhanga                                                                                                             | thousand | 4994.85        |
| 2602C | Bhagalpur                                                                                                             | thousand | 4994.85        |
| 2602D | Munger                                                                                                                | thousand | 4994.85        |
| 2602E | Muzaffarpur                                                                                                           | thousand | 4994.85        |
| 2602F | Gaya                                                                                                                  | thousand | 4725.00        |
| 2602G | Patna Rural                                                                                                           | thousand | 4927.65        |
| 2602H | Saran                                                                                                                 | thousand | 4725.00        |
| 2602I | Saharsa                                                                                                               | thousand | 5130.30        |
| 2602J | Purnea                                                                                                                | thousand | 5401.20        |
| 2603  | Designation 100 B Brick                                                                                               | thousand | <b>4317.60</b> |
| 2603A | Urban Patna                                                                                                           | thousand | 5492.55        |

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|-------|-------------------------------------------------------------------------------------|----------|---------|
| 2603B | Darbhanga                                                                           | thousand | 4587.45 |
| 2603C | Bhagalpur                                                                           | thousand | 4587.45 |
| 2603D | Munger                                                                              | thousand | 4587.45 |
| 2603E | Muzaffarpur                                                                         | thousand | 4587.45 |
| 2603F | Gaya                                                                                | thousand | 4317.60 |
| 2603G | Patna Rural                                                                         | thousand | 4503.45 |
| 2603H | Saran                                                                               | thousand | 4317.60 |
| 2603I | Saharsa                                                                             | thousand | 4725.00 |
| 2603J | Purnea                                                                              | thousand | 4994.85 |
| 2704  | Aluminium strip 40 mm wide and 2 mm thick                                           | kilogram | 223.70  |
| 2710  | White Marble Makrana stone pieces for crazy flooring                                | quintal  | 138.48  |
| 2711  | Sheets Polyvinyl chloride sheet 1.5 mm thick                                        | sqm      | 473.57  |
| 2712  | Sheets Polyvinyl chloride sheet 2.0 mm thick                                        | sqm      | 656.71  |
| 2717  | Polyvinyl chloride tiles 1.5 mm thick                                               | sqm      | 540.17  |
| 2718  | Polyvinyl chloride tiles 2.0 mm thick                                               | sqm      | 647.46  |
| 2723  | Adhesive (rubber base)                                                              | ilogram  | 175.74  |
| 2736  | Sheets Rubber tiles plain conforming to IS 809 1.5 mm thick                         | sqm      | 782.50  |
| 2737  | Sheets Rubber tiles plain conforming to IS 809 2.0 mm thick                         | sqm      | 904.59  |
| 2738  | Sheets Rubber tiles LP stud conforming to IS 809 2.0 mm thick                       | sqm      | 782.50  |
| 2739  | Sheets Rubber tiles LP stud conforming to IS 809 3.0 mm thick                       | sqm      | 1339.31 |
| 2740  | Sheets Rubber tiles LP stud conforming to IS 809 4.0 mm thick                       | sqm      | 1775.88 |
| 2741  | Sheets Anti static rubber tiles plain/LP stud conforming to BS : 2050 2.00 mm thick | sqm      | 1450.30 |
| 2742  | Sheets. Rubber tiles plain/LP stud in skirting conforming to IS : 809 2.0 mm thick  | sqm      | 569.76  |
| 2750  | 8mm thick granite stone tiles (mirror polished of all shades)                       | sqm      | 719.02  |
| 2751  | 8mm thick marble tiles (polished) Raj Nagar                                         | sqm      | 362.17  |
| 2901  | Stone Aggregate (Single size) : 100 mm nominal size                                 | cum      | 401.42  |
| 2902  | Stone Aggregate (Single size) : 80 mm nominal size                                  | cum      | 401.42  |
| 2903  | Stone chippings/ screenings 4.75 mm nominal size                                    | cum      | 205.51  |
| 2904  | Stone chippings/ screenings 150 micron nominal size                                 | cum      | 190.97  |
| 2908  | Over burnt (Jhama) Brick Aggregate: 120 mm to 40 mm size                            | cum      | 1240.05 |
| 2909  | Over burnt (Jhama) Brick Aggregate: 90 mm to 40 mm size                             | cum      | 1240.05 |
| 2910  | Stone chippings/ screenings 12.5/ 13.2 mm nominal size                              | cum      | 647.98  |
| 2911  | Stone chips/ screening 10/11.2 mm nominal size                                      | cum      | 619.38  |

|           |                                                                                                                 |          |          |
|-----------|-----------------------------------------------------------------------------------------------------------------|----------|----------|
| 2914      | Solvent                                                                                                         | kilogram | 24.50    |
| 2916      | Paving Asphalt VG -10 of approved quality                                                                       | tonne    | 39945.65 |
| 3002      | Sheets Polyvinyl chloride sheet 400 micron thick                                                                | sqm      | 33.02    |
| 3004      | Stoneware spouts 100mm dia 60 em long                                                                           | each     | 35.15    |
|           | <b>GC Sheet</b>                                                                                                 |          |          |
| 3050      | Galvanised steel corrugated sheets 0.63 mm thick                                                                | quintal  | 5,320.00 |
| 3050<br>A | Galvanised steel corrugated sheets 0.50 mm thick                                                                | quintal  | 5,500.00 |
| 3050<br>B | Galvanised steel corrugated sheets 0.40 mm thick                                                                | quintal  | 6,980.80 |
| 3050<br>C | Galvanised steel corrugated sheets 0.35 mm thick                                                                | quintal  | 7,141.70 |
| 3050<br>D | Galvanised steel corrugated sheets 0.80 mm thick                                                                | quintal  | 5,320.00 |
| 3080      | Gunmetal non-return valve-vertical (screwed end) 25 mm dia                                                      | each     | 340.87   |
| 3084      | Gunmetal non-return valve-vertical (screwed end) 32 mm dia                                                      | each     | 521.96   |
| 3088      | Gunmetal non-return valve-vertical (screwed end) 40 mm dia                                                      | each     | 724.35   |
| 3092      | Gunmetal non-return valve-vertical (screwed end) 50 mm dia                                                      | each     | 990.65   |
| 3096      | Gunmetal non-return valve-vertical (screwed end) 65 mm dia                                                      | each     | 1757.61  |
| 3213      | Vitreous china Surgeon type wash basin of size 660x460 mm                                                       | each     | 1059.89  |
| 3214      | Aluminium sheet 24 gauge                                                                                        | sqm      | 323.73   |
| 3228      | 600x120 mm glass shelf with anodised aluminium angle frame, C.P. brass brackets and guard rail of standard size | each     | 138.48   |
| 3229      | Vitreous china flat back wash basin 550x400 mm                                                                  | each     | 564.57   |
| 3300      | Gunmetal non-return valve-vertical (screwed end) 80 mm dia                                                      | each     | 2801.52  |
| 3311      | C.I.sluiice valve (with caps) class II : 100 mm dia                                                             | each     | 2822.83  |
| 3314      | C.I.sluiice valve (with caps) class II : 125 mm dia                                                             | each     | 3408.70  |
| 3317      | C.I.sluiice valve (with caps) class II : 150 mm dia                                                             | each     | 4260.87  |
| 3320      | C.I.sluiice valve (with caps) class II : 200 mm dia                                                             | each     | 9693.48  |
| 3321      | C.I.sluiice valve (with caps) class II : 250 mm dia                                                             | each     | 14380.43 |
| 3326      | C.I.sluiice valve (with caps) class II : 300 mm dia                                                             | each     | 18108.70 |
| 3617      | CP Brass Union 40 mm dia                                                                                        | each     | 186.41   |
| 3620      | C.C.I.(spun) socketed soil, waste and vent pipe 1.80 metres long :100 mm dia                                    | each     | 1203.70  |
| 3621      | C.C.I. (spun) socketed soil, waste and vent pipe 1.80 metres long :75 mm dia                                    | each     | 1049.24  |
| 3624      | S.C.I. S&S bends with access door 100 mm dia                                                                    | each     | 287.61   |
| 3625      | S.C.I. S&S bends with access door 75 mm dia                                                                     | each     | 229.02   |

|      |                                                                                 |      |        |
|------|---------------------------------------------------------------------------------|------|--------|
| 3628 | S.C.I. S&S bend 100 mm dia                                                      | each | 250.33 |
| 3629 | S.C.I. S&S bend 75 mm dia                                                       | each | 186.41 |
| 3634 | S.C.I. S&S heel rest sanitary bend 100 mm dia                                   | each | 292.93 |
| 3635 | S.C.I. S&S heel rest sanitary bend 75 mm dia                                    | each | 255.65 |
| 3640 | S.C.I. S&S single equal junctions 100x100x100 mm                                | each | 458.04 |
| 3641 | S.C.I. S&S single equal junctions 75x75x75 mm                                   | each | 330.22 |
| 3644 | S.C.I. S&S single equal junctions with access door 100x100x100 mm               | each | 495.33 |
| 3645 | S.C.I. S&S single equal junctions with access door 75x75x75 mm                  | each | 372.83 |
| 3650 | S.C.I. S&S double equal junctions 100x100x100x100 mm                            | each | 601.85 |
| 3651 | S.C.I. S&S double equal junctions 75x75x75x75 mm                                | each | 479.35 |
| 3654 | S.C.I. S&S double equal junctions with access door 100x100x100x100 mm           | each | 649.78 |
| 3655 | S.C.I. S&S double equal junctions with access door 75x75x75x75 mm               | each | 505.98 |
| 3660 | S.C.I. S&S single unequal junctions 100x100x75 mm                               | each | 596.52 |
| 3664 | S.C.I. S&S single unequal junctions with access door 100x100x75 mm              | each | 671.09 |
| 3670 | S.C.I. S&S double unequal junctions 100x100x75x75 mm                            | each | 830.87 |
| 3674 | S.C.I. S&S double unequal junctions with access door 100x100x75x75 mm           | each | 905.43 |
| 3681 | S.C.I. S&S single equal invert branch of required degree 100x100x75x75 mm dia   | each | 420.76 |
| 3682 | S.C.I. S&S single equal invert branch of required degree 75x75x75 mm dia        | each | 322.76 |
| 3685 | S.C.I. S&S double equal invert branch of required degree 100x100x100x100 mm dia | each | 559.24 |
| 3686 | S.C.I. S&S double equal invert branch of required degree 75x75x75x75 mm dia     | each | 431.41 |
| 3690 | S.C.I. S&S single unequal invert branch of required degree 100x100x75 mm dia    | each | 537.93 |
| 3695 | S.C.I. S&S double unequal invert branch of required degree 100x100x75x75 mm dia | each | 745.65 |
| 3699 | S.C.I. S&S, 75 mm offset for 75 mm dia pipe                                     | each | 229.02 |
| 3707 | S.C.I. S&S, 150 mm offset for 75 mm dia pipe                                    | each | 287.61 |
| 3708 | S.C.I. S&S, 150 mm offset for 100 mm dia pipe                                   | each | 394.13 |
| 3712 | S.C.I. S&S, 114 mm offset for 75 mm dia pipe                                    | each | 287.61 |
| 3713 | S.C.I. S&S, 114 mm offset for 100 mm dia pipe                                   | each | 378.15 |
| 3716 | S.C.I. S&S, 152 mm offset for 75 mm dia pipe                                    | each | 356.85 |
| 3717 | S.C.I. S&S, 152 mm offset for 100 mm dia pipe                                   | each | 468.70 |
| 3728 | S.C.I. S&S, door pieces 100 mm dia                                              | each | 394.13 |

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|------|---------------------------------------------------------------------------------------------------------------------------------------|----------|---------|
| 3729 | S.C.I. S&S, door pieces 75 mm dia                                                                                                     | each     | 276.96  |
| 3733 | S.C.I. S&S, Slotted Cowl (Terminal Guard) 100 mm                                                                                      | each     | 202.39  |
| 3734 | S.C.I. S&S, Slotted Cowl (Terminal Guard) 75 mm                                                                                       | each     | 186.41  |
| 3738 | S.C.I. S&S, Slotted collars 100 mm                                                                                                    | each     | 197.07  |
| 3739 | S.C.I. S&S, Slotted collars 75mm                                                                                                      | each     | 138.48  |
| 3746 | S.C.I. S&S, 75 mm offset for 75 mm dia pipe                                                                                           | each     | 229.02  |
| 3747 | S.C.I. S&S, 75 mm offset for 100 mm dia pipe                                                                                          | each     | 262.04  |
| 3749 | Vitreous china toilet paper holder of standard size                                                                                   | each     | 125.70  |
| 3860 | 560 mm dia cover with frame (Heavy duty)                                                                                              | each     | 9011.74 |
| 3861 | 561 mm dia cover without frame (Heavy duty)                                                                                           | each     | 4793.48 |
| 4006 | Pressed steel door frames (mild steel sheet 1.25mm) profile 'B'                                                                       | metre    | 234.35  |
| 4007 | Pressed steel door frames (mild steel sheet 1.25mm) profile 'C'                                                                       | metre    | 255.65  |
| 4008 | Pressed steel door frames (mild steel sheet 1.25mm) profile 'E'                                                                       | metre    | 287.61  |
| 4009 | Mild steel tubes, hot finished welded type                                                                                            | kilogram | 51.13   |
| 4010 | Mild steel tubes, hot finished seamless type                                                                                          | kilogram | 61.78   |
| 4011 | Mild steel tubes, electric resistant or induction butt welded                                                                         | kilogram | 69.24   |
| 4012 | Circular C.I. box for ceiling fan                                                                                                     | each     | 53.26   |
| 4013 | Pulleys 40 mm dia                                                                                                                     | each     | 26.63   |
| 4014 | Steel doors and windows Ready made steel door with necessary hinges, lugs and glazing clips excluding other fittings and their fixing | sqm      | 2000.71 |
| 4201 | Primers Aluminium primer                                                                                                              | litre    | 76.70   |
| 4202 | Primers Red Oxide Zinc Chromate primer                                                                                                | litre    | 72.43   |
| 4203 | Copper Acetate                                                                                                                        | kilogram | 287.61  |
| 4204 | Hydrochloric Acid                                                                                                                     | kilogram | 34.09   |
| 4205 | Copper Chloride                                                                                                                       | kilogram | 289.74  |
| 4206 | Copper Nitrate                                                                                                                        | kilogram | 213.04  |
| 4207 | Ammonium Chloride                                                                                                                     | kilogram | 15.98   |
| 5001 | Oil / Fuel Mobil oil                                                                                                                  | litre    | 198.13  |
| 6001 | White marble slab Makrana second quality plain veined 18mm thick                                                                      | sqm      | 1970.65 |
| 6007 | Pink marble slab plain 18mm thick                                                                                                     | sqm      | 649.78  |
| 6010 | Udaypur green marble slab plain 18 mm thick                                                                                           | sqm      | 703.04  |
| 6019 | Black zebra marble slab plain 18 mm thick                                                                                             | sqm      | 500.65  |



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| 6501 | Local Sand (Ganga)                                                                        | cum      | 119.40  |
| 7001 | Brass 100 mm mortice latch & lock with 6 levers with out pair of handles                  | each     | 266.30  |
| 7003 | Pair of Anodised Aluminium lever handles for 100 mm mortice latch and lock                | each     | 319.57  |
| 7004 | Vitreous china flat back wash basin 550x400 mm                                            | each     | 452.72  |
| 7005 | Vitreous china 10 litres low level cistern without fittings                               | each     | 948.04  |
| 7006 | Vitreous china 10 litres low level cistern with fittings                                  | each     | 1651.09 |
| 7008 | F.P.S.(non modular) clay fly ash bricks class designation 7.5                             | 1,000nos | 3195.65 |
| 7009 | Gypsum Board                                                                              | sqm      | 170.43  |
| 7010 | Ceiling sections                                                                          | metre    | 41.54   |
| 7011 | Peri metre channel                                                                        | metre    | 28.76   |
| 7012 | Intermediate channel                                                                      | metre    | 44.74   |
| 7013 | Ceiling angle                                                                             | metre    | 20.24   |
| 7014 | Connecting clips                                                                          | each     | 6.60    |
| 7015 | Soffit cleat                                                                              | each     | 4.26    |
| 7016 | Joint filler                                                                              | kilogram | 23.43   |
| 7017 | Joint finisher                                                                            | kilogram | 25.57   |
| 7018 | Joint tape roll                                                                           | roll     | 149.13  |
| 7019 | Dash fastner                                                                              | each     | 13.85   |
| 7020 | All drive screws(for gypsum board )                                                       | 100 Nos. | 59.65   |
| 7021 | Pi.mer (for gypsum uoard )                                                                | litre    | 90.54   |
| 7022 | Chloropyriphos 20 % E.C. Lindane 20% E.C.                                                 | litre    | 170.43  |
| 7023 | Chromium plated orackets (Curtain rod)                                                    | each     | 7.46    |
| 7024 | Acid proof cement                                                                         | tonne    | 8628.26 |
| 7027 | M.S. Butt hinges 125x90x4 mm                                                              | ten      | 111.85  |
| 7029 | Galvanised wire mesh of average width of aperture 1.4 mm and romin31 dia. of wire 0.63 mm | sqm      | 245.00  |
| 7032 | Frosted glass sheet of nominal thickness 4mm (weighing not less than 10 kg/sqm)           | sqm      | 335.54  |
| 7033 | Nickle plated M.S. pipe 25 mm dia.                                                        | metre    | 79.89   |
| 7034 | Nickle plated M.S. pipe 20 mm dia.                                                        | metre    | 71.37   |
| 7035 | Nickle plated M.S. Brackets for curtain rod 20 mm                                         | each     | 6.39    |
| 7036 | Nickle plated M.S. Brackets for curtain rod 25 mm                                         | each     | 7.46    |
| 7040 | Oxidised mild steel screws 35 mm                                                          | 100 Nos. | 42.61   |
| 7042 | Mild steel conduit pipe (heavy type) ISI marked-20 mm dia.                                | metre    | 60.72   |

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| 7043 | Mild steel conduit pipe (heavy type) ISI marked-25 mm dia.                                                        | metre | 70.30   |
| 7044 | Rolling shutters of 80xO.90mm laths                                                                               | sqm   | 990.65  |
| 7045 | Rolling shutters of 80x1.2mm laths                                                                                | sqm   | 1075.87 |
| 7046 | Top cover of Rolling shutters 0.90mm thick                                                                        | metre | 287.61  |
| 7047 | Top cover of Rolling shutters 1.20mm thick                                                                        | metre | 324.89  |
| 7048 | Rawl plug 50 mm (designation 10 no.)                                                                              | each  | 10.65   |
| 7049 | Teak wood lipping of size 25x3mm in pelmets                                                                       | metre | 21.30   |
| 7055 | Flat pressed 3 layer and graded particle board (medium density) Grade 1 conforming to IS : 3087 - 18 mm thick     | sqm   | 415.43  |
| 7056 | Aluminium Tee channel (heavy duty) with rollers and stop end                                                      | metre | 47.93   |
| 7059 | Aluminium hanging floor door stopper with twin rubber & stopper                                                   | each  | 61.78   |
| 7060 | Hydraulic door closer tubular type Aluminium extruded section body - Gazel                                        | each  | 862.83  |
| 7063 | Oxidised M.S. casement stay (straight peg type) 300 mm not less than 0.33 kg.                                     | each  | 22.37   |
| 7064 | Oxidised M.S. casement stay (straight peg type) 250 mm not less than 0.28 kg.                                     | each  | 19.17   |
| 7065 | Oxidised M.S. casement stay (straight peg type) 200 mm not less than 0.24 kg.                                     | each  | 18.11   |
| 7068 | Extra for providing grided rolling shutters with 8mm dia. M.S.                                                    | sqm   | 239.67  |
| 7070 | Chequerred precast cement concrete tiles 22mm thick using marble chips of size 6mm Light shade using white cement | sqm   | 500.65  |
| 7071 | Makrana second quality plain veined White marble Raj nagar plain - 18mm thick (slab area 0.10 m2 to 0.20 m2)      | sqm   | 580.54  |
| 7077 | Acid and alkali resistant tiles size 300x300mm 10mm thick                                                         | ten   | 553.91  |
| 7087 | S.C.I. Tee 150 mm                                                                                                 | each  | 537.93  |
| 7090 | Expanded polystyrene type N - Normal                                                                              | sqm   | 138.48  |
| 7091 | Expanded polystyrene type SE                                                                                      | sqm   | 165.11  |
| 7095 | Stainless steel kitchen sink - with drain board bowl depth 250 mm                                                 | each  | 5485.87 |
| 7096 | Stainless steel kitchen sink - with drain board 510 x 1040 mm bowl depth 225 mm.                                  | each  | 5219.57 |
| 7097 | Stainless steel kitchen sink - with drain board 510 x 1040 mm bowl depth 200 mm.                                  | each  | 4473.91 |
| 7098 | Stainless steel kitchen sink - with drain board 510 x 1040 mm bowl depth 178 mm.                                  | each  | 3089.13 |
| 7101 | Stainless steel kitchen sink - without drain board 610x510 mm bowl depth 200 mm                                   | each  | 3142.39 |
| 7102 | Stainless steel kitchen sink - without drain board 610x460 mm bowl depth 200 mm                                   | each  | 2929.35 |

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| 7103 | Stainless steel kitchen sink - without drain board 470x420 mm bowl depth 178 mm                                                      | each | 2183.70 |
| 7104 | Coloured Orissa pattern W.C. pan 580x440 mm                                                                                          | each | 1358.15 |
| 7105 | Coloured Pedestal type W.C. pan 580x440 mm (European type)                                                                           | each | 1150.43 |
| 7106 | Coloured Vitreous china 10 lit. low level cistern                                                                                    | each | 1597.83 |
| 7107 | Coloured (other than black) solid P.V.C. seat in European W.C. pan                                                                   | each | 505.98  |
| 7112 | Circular shape 450 mm dia Mirror with Plastic moulded frame                                                                          | each | 415.43  |
| 7113 | Rectangular shape 453x357 mm Mirror with Plastic moulded frame                                                                       | each | 276.96  |
| 7114 | Oval shape 450x350 mm (outer dimensions) Mirror with Plasticmoulded frame                                                            | each | 319.57  |
| 7115 | Rectangular shape 1500x450 mm Mirror with Plastic moulded frame                                                                      | each | 713.70  |
| 7116 | Hard board 6 mm thick                                                                                                                | each | 181.09  |
| 7117 | Semi Rigid PVC waste pipe for sink and wash basin 32 mm dia with length not less than 700 mm i/c PVC waste fittings                  | each | 22.37   |
| 7118 | Semi Rigid PVC waste pipe for sink and wash basin 40 mm dia with length not less than 700 mm i/c PVC waste fittings                  | each | 28.76   |
| 7119 | Flexible (coil shaped) PVC waste pipe for sink and wash basin 32 mm dia with length not less than 700 mm i/c PVC waste fittings      | each | 27.70   |
| 7120 | Flexible (coil shaped) PVC waste pipe for sink and wash basin 40 mm dia with length not less than 700 mm i/c PVC waste fittings      | each | 29.83   |
| 7123 | Coloured High density polyethylene/ poly propylene 10 lit. (full flush) capacity controlled low level flushing cistern with fittings | each | 729.67  |
| 7126 | White Vitreous china 10 lit. (full flush) capacity controlled low level flushing cistern with all fittings                           | each | 1038.59 |
| 7127 | Coloured Vitreous china 10 lit. (full flush) capacity controlled low level flushing cistern with all fittings                        | each | 1491.30 |
| 7128 | S.W. intercepting trap 100 mm dia                                                                                                    | each | 181.09  |
| 7129 | S.W. intercepting trap 150 mm dia                                                                                                    | each | 239.67  |
| 7130 | Rectangular shape 600x 450 mm precast R.C.C. manhole cover with frame - L.D. - 25                                                    | each | 735.00  |
| 7131 | Square shape 450x450 mm precast R.C.C. manhole cover with frame - L.D. - 25                                                          | each | 639.13  |
| 7132 | Circular shape 450 mm dia precast R.C.C. manhole cover with frame - L.D. - 25                                                        | each | 596.52  |
| 7133 | Rectangular shape 500x500 mm precast R.C.C. manhole cover with frame - M.D. - 10                                                     | each | 703.04  |
| 7134 | Circular shape 500 mm dia precast R.C.C. manhole cover with frame - M.D. - 10                                                        | each | 671.09  |

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| 7135 | Circular shape 560 mm dia precast R.C.C. manhole cover with frame - H.D. - 20                                                                                                                                                                                                                                            | each     | 1097.17 |
| 7136 | Circular shape 560 mm dia precast R.C.C. manhole cover with frame - H.D. - 35                                                                                                                                                                                                                                            | each     | 1225.00 |
| 7137 | Factory made 35 mm thick shutters with laminated veneer lumber styles rails as per TADS IS : 1995 and panels of 12 mm thick plain Type I, medium density flat pressed three layer, graded particle board (FPT-I) as per IS:3087-1985 bonded with BWP type synthetic resin adhesive, as per IS : 848-1974                 | sqm      | 1896.09 |
| 7139 | Factory made 35 mm thick shutters with laminated veneer lumber styles rails as per TADS IS : 1995 and panels of 12 mm thick both sides prelaminated Type -1, medium density flat pressed three layer, graded particle board (FPT-I) IS: 3087 marked bonded with BWP type synthetic resin adhesive as per IS : 848-1974 . | sqm      | 2055.87 |
| 7143 | 12 mm thick one side prelaminated Type - I, other side balancing lamination, medium density, flat pressed three layer, graded particle board (FPT-I) as per IS : 3087, bonded with BWP type synthetic resin as per IS : 848-1974 35 mm thick shutters                                                                    | sqm      | 1970.65 |
| 7151 | Sheet glass using 10 kg / sqm glass panes 30 mm thick shutters                                                                                                                                                                                                                                                           | sqm      | 1683.04 |
| 7154 | Using galvanised wire gauge with average width of aperture 1.4 mm on both direction with wire of dia. 0.63 mm 35 mm thick shutters                                                                                                                                                                                       | sqm      | 1736.30 |
| 7155 | Using galvanised wire gauge with average width of aperture 1.4 mm on both direction with wire of dia. 0.63 mm 30 mm thick shutters                                                                                                                                                                                       | sqm      | 1475.33 |
| 7157 | Using galvanised wire gauge with average width of aperture 1.4 mm on both direction with wire of dia. 0.63 mm Laminated veneer lumber conforming to TAOS 15 : 1995 manufactured in factory in frames of door, windows                                                                                                    | 10 cu dm | 708.37  |
| 7181 | C.I. pile shoe                                                                                                                                                                                                                                                                                                           | kilogram | 49.00   |
| 7182 | M.S. clamps for pile shoe                                                                                                                                                                                                                                                                                                | kilogram | 44.74   |
| 7183 | Bentonite                                                                                                                                                                                                                                                                                                                | tonne    | 3302.17 |
| 7184 | Oxidised M.S. safety chain (weighing not less than 450 gms) for each door                                                                                                                                                                                                                                                |          | 63.91   |
| 7187 | C.I. grating 150 mm dia. (Weighing not less than 440 gm)                                                                                                                                                                                                                                                                 | each     | 23.43   |
| 7188 | U-PVC pipes (working pressure 4 kg/cm <sup>2</sup> ) Single socketed pipe 75 mm dia                                                                                                                                                                                                                                      | metre    | 71.37   |
| 7189 | U-PVC pipes (working pressure 4 kg/cm <sup>2</sup> ) Single socketed pipe 100 mm dia.                                                                                                                                                                                                                                    | metre    | 137.41  |
| 7190 | U-PVC pipes (working pressure 4 kg/cm <sup>2</sup> ) Rubber (Seal) Ring 75 mm dia .                                                                                                                                                                                                                                      | metre    | 17.04   |

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| 7191 | U-PVC pipes (working pressure 4 kg/cm <sup>2</sup> ) Rubber (Seal ) Ring 100 mm dia .                                                                                                                                                                                                      | metre    | 21.30    |
| 7192 | UPVC coupler for UPVC drainage pipes 75 mm                                                                                                                                                                                                                                                 | each     | 36.22    |
| 7193 | UPVC coupler for UPVC drainage pipes 110 mm                                                                                                                                                                                                                                                | each     | 55.39    |
| 7194 | UPVC pushfit coupler (single) 75 mm thick                                                                                                                                                                                                                                                  | each     | 53.26    |
| 7195 | UPVC pushfit coupler (single) 110 mm thick                                                                                                                                                                                                                                                 | each     | 86.28    |
| 7196 | UPVC single equal Tee ( with door) 75x75x75 mm                                                                                                                                                                                                                                             | each     | 101.20   |
| 7197 | UPVC single equal Tee (with door) 110x110x110 mm                                                                                                                                                                                                                                           | each     | 136.35   |
| 7198 | UPVC single equal Tee ( with door) 75x75x75 mm                                                                                                                                                                                                                                             | each     | 122.50   |
| 7199 | UPVC single equal Tee ( with door) 110x110x110 mm                                                                                                                                                                                                                                          | each     | 191.74   |
| 7208 | UPVC bend 87.50 75 mm bend                                                                                                                                                                                                                                                                 | each     | 59.65    |
| 7209 | UPVC bend 87.50 110 mm bend                                                                                                                                                                                                                                                                | each     | 101.20   |
| 7212 | UPVC plain shoe 75 mm                                                                                                                                                                                                                                                                      | each     | 113.98   |
| 7213 | UPVC plain shoe 110 mm                                                                                                                                                                                                                                                                     | each     | 220.50   |
| 7214 | UPVC pipe clip 75 mm bend                                                                                                                                                                                                                                                                  | each     | 17.04    |
| 7215 | UPVC pipe clip 110 mm bend                                                                                                                                                                                                                                                                 | each     | 33.02    |
| 7231 | Resin Bonded Glass wool 16 kg/m <sup>3</sup> , 50mm thick                                                                                                                                                                                                                                  | sqm      | 154.46   |
| 7232 | Resin Bonded Glass wool 24 kg/m <sup>3</sup> , 50mm thick                                                                                                                                                                                                                                  | sqm      | 217.30   |
| 7233 | Bitumen felt fibre base (vegetable or animal) Fibre glass tissue reinforced bitumen Felt Type 2 grade I conforming to IS : 7193                                                                                                                                                            | sqm      | 69.24    |
| 7236 | Precast chequered cement tiles 22mm thick dark shade using ordinary cement                                                                                                                                                                                                                 | sqm      | 245.00   |
| 7237 | Precast chequered cement tiles 22mm thick medium shade using 50% white cement, 50% ordinary cement                                                                                                                                                                                         | sqm      | 383.48   |
| 7239 | Epoxy paint                                                                                                                                                                                                                                                                                | litre    | 335.54   |
| 7240 | Fire retardant paint                                                                                                                                                                                                                                                                       | litre    | 372.83   |
| 7241 | Melamine polish                                                                                                                                                                                                                                                                            | litre    | 266.30   |
| 7244 | Table rubbed polished stone 18mm thick (75x50 cm) Agaria marble stone - 18 mm thick                                                                                                                                                                                                        | sqm      | 1736.30  |
| 7245 | Table rubbed polished stone 18mm thick (75x50 cm) Granite stone 18 mm thick                                                                                                                                                                                                                | sqm      | 1944.02  |
| 7246 | Verticle load testing (INITIAL) of piles in accordance with IS : 2911 (part-IV) including installation of loading platform and prepration of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification & Upto 50 tonne capacity pile | per test | 35365.22 |



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| 7247 | Verticle load testing (INITIAL) of piles in accordance with IS : 2911 (part-IV) including installation of loading platform and prepration of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification & Above 50 tonne & upto 100 tonne capacity pile:        | per test  | 42928.26  |
| 7248 | Verticle load testing (INITIAL) of piles in accordance with IS : 2911 (part-IV) including installation of loading platform and prepration of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification & Group of two more piles Upto 50 tonne capacity piles. | per test  | 51663.04  |
| 7249 | Cyclic vertical load testing of piles in accordance with IS: 2911 IV part including preparation of pile head etc. for Single piles Upto 50 tonne capacity tonne                                                                                                                                                      | per test  | 165108.70 |
| 7250 | Cyclic vertical load testing of piles in accordance with IS: 2911 IV part including preparation of pile head etc. for Single piles Above 50 tonne capacity pile and upto 100 tonne capacity piles                                                                                                                    | per test  | 24500.00  |
| 7251 | Group of two piles Upto 50 tonne capacity each                                                                                                                                                                                                                                                                       | per test  | 31423.91  |
| 7252 | Lateral load testing of singie pile in accordance with iS: 2911 Part - IV for determining safe allowable lateral load on pile. Upto 50 tonne capacity pile                                                                                                                                                           | per test  | 15978.26  |
| 7253 | Lateral load testing of single pile in accordance with IS: 2911 Part - IV for determining safe allowable lateral load on pile. Above 50 tonne capacity piie and upto 100 tonne capacity piles                                                                                                                        | per test  | 25032.61  |
| 7254 | Hard crete compound                                                                                                                                                                                                                                                                                                  | litre     | 39.41     |
| 7255 | Road marking paint (spirit based)                                                                                                                                                                                                                                                                                    | litre     | 127.83    |
| 7256 | Superior quality road marking paint                                                                                                                                                                                                                                                                                  | litre     | 181.09    |
| 7257 | C.P. Brass bibcock 15 mm                                                                                                                                                                                                                                                                                             | each      | 346.20    |
| 7258 | C.P. Brass long nose bibcock 15 mm                                                                                                                                                                                                                                                                                   | each      | 351.52    |
| 7259 | C.P. Brass long body bibcock 15 mm                                                                                                                                                                                                                                                                                   | each      | 372.83    |
| 7260 | C.P. Brass stop cock (concealed) 15 mm                                                                                                                                                                                                                                                                               | each      | 372.83    |
| 7261 | C.P. Brass angle valve 15 mm                                                                                                                                                                                                                                                                                         | each      | 394.13    |
| 7266 | Pressed clay tiles                                                                                                                                                                                                                                                                                                   | 1000 nos. | 12942.39  |
| 7267 | Plain ceiling tiles (BWP type phenol formal dehyde synthetic resin bonded) (600x600x12mm)                                                                                                                                                                                                                            | each      | 127.83    |
| 7268 | Semi perforated ceiling tiles (600x600x12mm)                                                                                                                                                                                                                                                                         | each      | 127.83    |
| 7269 | 25 mm thick particle board                                                                                                                                                                                                                                                                                           | sqm       | 490.00    |
| 7270 | 30mm thick pre laminated flush door shutter                                                                                                                                                                                                                                                                          | sqm       | 905.43    |

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| 7271 | 11nd class teak wood lipping 25mm wide x 12mm thick                                                    | metre    | 41.54    |
| 7272 | 25 mm thick melamine faced prelamated three layer particle board                                       | sqm      | 926.74   |
| 7295 | Granite Black marble 18 mm thick slab , above 0.2 sqm upto 0.5 sqm (areawise)                          | sqm      | 1651.09  |
| 7297 | Granite Black marble ,18 mm thick slab , above 1.0 sqm upto 2.0 sqm ( areawise )                       | sqm      | 1746.96  |
| 7306 | Aluminium T or L sections                                                                              | kilogram | 234.35   |
| 7307 | For flush door shutters Extra for providing teak veneering on one side instead of commercial veneering | sqm      | 340.87   |
| 7309 | Paving Asphalt of grade VG-30 of approved quality                                                      | tonne    | 41010.87 |
| 7312 | Expandable fastner with plastic sleeve and M.S. screws. 25 mm long                                     | each     | 8.52     |
| 7313 | Expandable fastner with plastic sleeve and M.S. screws. 32 long                                        | mm each  | 9.59     |
| 7314 | Expandable fastner with plastic sleeve and M.S. screws. 40 long                                        | mm each  | 12.78    |
| 7315 | Expandable fastner with plastic sleeve and M.S. screws. 50 long                                        | mm each  | 14.91    |
| 7318 | Plasticizer/super plasticizer                                                                          | kilogram | 38.88    |
| 7319 | Wall form panel 1250X500mm                                                                             | each     | 1118.48  |
| 7320 | Tie bolt 12mm dia 100 mm length                                                                        | each     | 40.48    |
| 7321 | Tie bolt 12mm dia 150 mm length                                                                        | each     | 53.26    |
| 7322 | Tie bolt 20mm dia 150 mm length                                                                        | each     | 66.04    |
| 7323 | Tie bolt 20mm dia 225 mm length                                                                        | each     | 85.22    |
| 7324 | Spring coil 12mm                                                                                       | each     | 17.04    |
| 7325 | Plastic cone 12mm dia                                                                                  | each     | 19.17    |
| 7326 | Corner angle 45x45x5mm 1.50 m long                                                                     | each     | 319.57   |
| 7327 | 100mm channel shoulder 2.5 m long                                                                      | each     | 1235.65  |
| 7328 | Double clip (bridge clip)                                                                              | each     | 103.33   |
| 7329 | Single clip                                                                                            | each     | 82.02    |
| 7330 | M.S. tube 40mm dia                                                                                     | metre    | 298.26   |
| 7331 | Wall form panel 1250x450mm                                                                             | each     | 1107.83  |
| 7332 | Corner angle 45x45x5 mm 2.50 m long                                                                    | each     | 362.17   |
| 7333 | Column clamp 450x1070 mm                                                                               | each     | 1299.57  |
| 7334 | Prop 2 m ( 2-3.5m)                                                                                     | each     | 884.13   |
| 7335 | Binding wire                                                                                           | kilogram | 56.46    |
| 7338 | Gun metal cramp                                                                                        | kilogram | 324.89   |

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| 7339 | Stainless steel pin.                                                                                                                   | kilogram | 340.87   |
| 7340 | Stainless steel pin.                                                                                                                   | kg       | 191.74   |
| 7342 | Adjustable span ESQ+SI (2.35-3.40)                                                                                                     | each     | 1944.02  |
| 7343 | Adjustable telescopic prop 3 m (2.00-3.75 m)                                                                                           | each     | 1225.00  |
| 7344 | Beam clamp 300-380mm (450-1070mm)                                                                                                      | each set | 449.52   |
| 7345 | Prop 4m                                                                                                                                | each     | 1246.30  |
| 7346 | Double coupler                                                                                                                         | each     | 58.59    |
| 7347 | Cadmium plated full threaded steel screws (30x4 mm dia.)                                                                               | 100 Nos. | 29.83    |
| 7348 | Aluminium Washer 2 mm thick 15 mm dia                                                                                                  | 100 Nos. | 10.65    |
| 7349 | 12mm M.S. 'U' beading                                                                                                                  | metre    | 14.91    |
| 7350 | M S tower bolt bright finished / black stone enamelled 250x10 mm .                                                                     | each     | 32.73    |
| 7353 | M S tower bolt bright finished / black stone enamelled 100x10 mm                                                                       | each     | 22.77    |
| 7354 | Plastic encapsulated M.S. foot rest 30x20x15 cm                                                                                        | each     | 117.17   |
| 7358 | Flushing Cistern P.V.C. 10 lts capacity ( low level ) (White) ( with fittings, accessories and flush pipe)                             | each     | 681.74   |
| 7359 | P.V.C. automatic flushing cistern 5 lts capacity                                                                                       | each     | 521.96   |
| 7361 | P.V.C. automatic flushing cistern 10 lts capacity                                                                                      | each     | 564.57   |
| 7363 | 15 mm C.P. brass tap with elbow operation lever                                                                                        | each     | 639.13   |
| 7364 | White glazed fire clay draining board 600x450x25 mm                                                                                    | each     | 559.24   |
| 7366 | Glass reinforced Gyp sum ( GRG) board 8.5 mm thick                                                                                     | sqm      | 245.00   |
| 7367 | Galvanised M.S. sheet 0.50mm thick pressed channel section of size 50x32mm                                                             | metre    | 63.91    |
| 7369 | Galvanised M.S. sheet 0.50mm thick pressed stud 48x34x36mm                                                                             | metre    | 76.70    |
| 7375 | G.I. flush pipe and C.P. brass spreader including C.P. connecting pipe Single lipped urinal                                            | each     | 468.70   |
| 7376 | G.I. flush pipe and C.P. brass spreader including C.P. connecting pipe Range of two lipped urinals                                     | each     | 1075.87  |
| 7377 | G.I. flush pipe and C.P. brass spreader including C.P. connecting pipe Range of three lipped urinals                                   | each     | 1320.87  |
| 7378 | G.I. flush pipe and C.P. brass spreader including C.P. connecting pipe Range of four lipped urinals                                    | each     | 1917.39  |
| 7379 | White vitreous china clay half stall urinal flat back 580x380x350 mm or angle back 450x375x350 mm with waste fittings as per IS : 2556 | each     | 1533.91  |
| 7380 | Precast R.C.C. grating with frame 500x450 mm horizontal grating                                                                        | each     | 692.39   |
| 7381 | Precast R.C.C. grating with frame 450x100 mm vertical grating                                                                          | each     | 324.89   |
| 7382 | Bitumen emulsion rapid setting (R.S.) confirming to IS : 8887                                                                          | each     | 29506.52 |

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| 7385 | 3 mm thick translucent white acrylic plastic sheet                                          | sqm      | 607.17  |
| 7386 | 12 thick particle board ceiling tile                                                        | sqm      | 276.96  |
| 7387 | Spigot for standard jointing                                                                |          | 47.93   |
| 7388 | Dash hold fastener 12.5 mm dia, 40 mm long with 6 mm dia bolt                               | each     | 51.13   |
| 7389 | Anodising 15 microns on aluminium sections                                                  | kilogram | 42.61   |
| 7390 | Neoprene / EPDM rubber gasket                                                               | meter    | 26.63   |
| 7391 | Anodising 25 microns on aluminium sections                                                  | kg       | 53.26   |
| 7392 | Power coating 50 microns on aluminium sections                                              | kg       | 68.17   |
| 7393 | Polyster powder coating 50 microns on aluminium sections                                    | kg       | 74.57   |
| 7394 | Double action hydraulic floor spring with stainless steel cover plate                       | each     | 1624.46 |
| 7395 | 6 mm dia. M.S. adjustable hangers including clips (upto 1.2 m length)                       | each     | 29.83   |
| 7396 | Double action hydraulic floor spring with brass cover plate                                 | each     | 1784.24 |
| 7397 | Base Jack                                                                                   | each     | 191.74  |
| 7398 | Challies                                                                                    | each     | 852.17  |
| 7399 | cup locks                                                                                   | each     | 79.89   |
| 7400 | 15 mm PTMT bib cock                                                                         | each     | 106.52  |
| 7401 | 15 mm PTMT bib cock with flange (fancy)                                                     | each     | 149.13  |
| 7402 | 15 mm PTMT bib cock long body with flange                                                   | each     | 170.43  |
| 7403 | 15 mm dia PTMT stop cock(male thread)                                                       | each     | 106.52  |
| 7405 | 20 mm dia. PTMT stop cock                                                                   | each     | 138.48  |
| 7406 | PTMT pillar cock                                                                            | each     | 170.43  |
| 7407 | PTMT push cock 15 mm dia                                                                    | each     | 95.87   |
| 7408 | PTMT push cock 12 mm dia 20 mm BSP                                                          | each     | 95.87   |
| 7409 | PTMT grating 100 mm dia                                                                     | each     | 33.02   |
| 7410 | PTMT Pillar cock (fancy) 15mm foam flow                                                     | each     | 239.67  |
| 7411 | 125 mm grating with waste hole                                                              | each     | 39.41   |
| 7412 | Rectangular type with openable circular lid 150 mm size 18 mm high with 100 mm dia (110 gm) | each     | 107.59  |
| 7415 | Double acting air valve 50 mm                                                               | each     | 3589.78 |
| 7416 | Double acting air valve 80 mm                                                               | each     | 5251.52 |
| 7417 | Double acting air valve 100 mm                                                              | each     | 6817.39 |
| 7418 | Water meter (including testing charges) 80 mm                                               | each     | 2162.39 |
| 7419 | Water meter (including testing charges) 100 mm                                              | each     | 3355.43 |

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| 7420 | Water meter (including testing charges) 150 mm                                                                                                                                                                 | each     | 4857.39 |
| 7421 | Water meter (including testing charges) 200 mm                                                                                                                                                                 | each     | 5432.61 |
| 7422 | Dirt box strainer 80 mm                                                                                                                                                                                        | each     | 2790.87 |
| 7423 | Dirt box strainer 100 mm                                                                                                                                                                                       | each     | 4452.61 |
| 7424 | Dirt box strainer 150 mm                                                                                                                                                                                       | each     | 5773.48 |
| 7425 | Dirt box strainer 200 mm                                                                                                                                                                                       | each     | 8042.39 |
| 7426 | Cat's eye                                                                                                                                                                                                      | each     | 191.74  |
| 7427 | Water stop Serrated with central bulb (225 mm wide, 8-11 mm thick)                                                                                                                                             | metre    | 415.43  |
| 7428 | Water stop Dumb bell with central bulb                                                                                                                                                                         | metre    | 373.89  |
| 7429 | Water stop Kicers                                                                                                                                                                                              | metre    | 383.48  |
| 7430 | Wedge expansion hold fastner 1/4" or 6 mm                                                                                                                                                                      | each     | 12.78   |
| 7431 | Wedge expansion hold fastner 3/8" or 10 mm                                                                                                                                                                     | each     | 14.91   |
| 7432 | Wedge expansion hold fastner 1/2" or 12 mm                                                                                                                                                                     | each     | 27.70   |
| 7439 | 8mm thick (mirror polished tiles machine cut edge) Raj Nagar white                                                                                                                                             | sqm      | 511.30  |
| 7442 | Wheel 75mm dia. 40mm wide                                                                                                                                                                                      | each     | 63.91   |
| 7443 | Aluminium single cleat of size 30x32x3 mm                                                                                                                                                                      | each     | 13.85   |
| 7444 | Aluminium grip strip of size 50x12x2 mm                                                                                                                                                                        | each     | 10.65   |
| 7445 | 25 mm prelaminated flush door both side decorative                                                                                                                                                             | sqm      | 841.52  |
| 7449 | Aluminium U beading                                                                                                                                                                                            | kilogram | 221.57  |
| 7451 | Glass sheet (Pin headed) 4mm thick                                                                                                                                                                             | sqm      | 271.63  |
| 7452 | Raj Nagar plain- White Marble (table rubbed and polished 18mm thick Above 0.10 sqm upto 0.20 sqm                                                                                                               | sqm      | 649.78  |
| 7453 | Raj Nagar plain- White Marble (table rubbed and polished 18mm thick Above 0.20 sqm upto 0.50 sqm                                                                                                               | sqm      | 724.35  |
| 7466 | Second class deodar teak wood lipping 30mm width x 12mm                                                                                                                                                        | metre    | 31.96   |
| 7468 | Veneered particle board with commercial veneering on both sides 12 mm thick                                                                                                                                    | sqm      | 511.30  |
| 7477 | Prelaminated particle board with one side decorative and other side balancing lamination, flat presed 3 layer & graded (medium density) Grade I. Type II conforming to IS : 12823 (exterior grade) 12 mm thick | sqm      | 735.00  |
| 7478 | Prelaminated particle board with one side decorative and other side balancing lamination, flat presed 3 layer & graded (medium density) Grade I. Type II conforming to IS : 12823 (exterior grade) 18 mm thick | sqm      | 862.83  |



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| 7479 | Prelaminated particle board with one side decorative and other side balancing lamination, flat presed 3 layer & graded (medium density) Grade I. Type II conforming to IS : 12823 (exterior grade) 25 mm thick | sqm   | 937.39  |
| 7480 | Prelaminated particle board with both sides decorative lamination.flat pressed 3 layer & graded (medium density) Graefe I. Type II conforming to IS : 12823 (exterior grade) 12 mm thick                       | sqm   | 766.96  |
| 7485 | Oxidised M.S. hinges finished with nickle plating 50mm ( Over all width)                                                                                                                                       | metre | 41.54   |
| 7486 | Oxidised M.S. hinges finished with nickle plating 65mm (Over all width)                                                                                                                                        | metre | 52.20   |
| 7491 | PTMT - Waste Coupling 31/32 mm                                                                                                                                                                                 | each  | 54.33   |
| 7492 | PTMT - Waste Coupling 38/40 mm                                                                                                                                                                                 | each  | 68.17   |
| 7493 | PTMT - Bottle Trap 31/32 mm                                                                                                                                                                                    | each  | 337.67  |
| 7494 | PTMT - Bottle Trap 38/40 mm                                                                                                                                                                                    | each  | 367.50  |
| 7495 | PTMT - Ball Cock 15 mm Complete with Epoxy Coated Aluminium Rod & H.D. Ball                                                                                                                                    | each  | 142.74  |
| 7496 | PTMT - Ball Cock 20mm Complete with Epoxy Coated Aluminium Rod & H.D. Ball                                                                                                                                     | each  | 207.72  |
| 7497 | PTMT - Ball Cock25 mm Complete with Epoxy Coated Aluminium Rod & H.D. Ball                                                                                                                                     | each  | 447.39  |
| 7498 | PTMT - Ball Cock 40 mm Complete with Epoxy Coated Aluminium Rod & H.D. Ball                                                                                                                                    | each  | 830.87  |
| 7499 | PTMT - Ball Cock 50 mm Complete with Epoxy Coated Aluminium Rod & H.D. Ball                                                                                                                                    | each  | 1225.00 |
| 7500 | PTMT - Angle Stop cock with Flange 15 mm                                                                                                                                                                       | each  | 138.48  |
| 7501 | PTMT - Swiveling shower 15 mm                                                                                                                                                                                  | each  | 92.67   |
| 7503 | PTMT - Liquid Soap Container of 400 ml capacity                                                                                                                                                                | each  | 154.46  |
| 7504 | PTMT - Towel Ring 215x200x37 mm                                                                                                                                                                                | each  | 123.57  |
| 7505 | PTMT - Towel Rail (450 mm)                                                                                                                                                                                     | each  | 204.52  |
| 7506 | PTMT - Towel Rail (600 mm)                                                                                                                                                                                     | each  | 240.74  |
| 7507 | PTMT - Shelf 450x124x36 mm                                                                                                                                                                                     | each  | 274.83  |
| 7508 | PTMT - Urinal Spreader 15 mm                                                                                                                                                                                   | each  | 135.28  |
| 7509 | PTMT - Soap Dish/Holder 138x102x75 mm                                                                                                                                                                          | each  | 127.83  |
| 7512 | PTMT - handle 125x34x24 mm                                                                                                                                                                                     | each  | 31.96   |
| 7513 | PTMT - handle 150x34x24 mm                                                                                                                                                                                     | each  | 36.22   |
| 7514 | PTMT - butt hinges 75x60x10 mm                                                                                                                                                                                 | each  | 44.74   |
| 7515 | PTMT - butt hinges 100x75x10 mm                                                                                                                                                                                | each  | 59.65   |
| 7516 | PTMT - Tower bolt 152x42x18 mm                                                                                                                                                                                 | each  | 69.24   |
| 7517 | PTMT - Tower bolt 202x42x18 mm                                                                                                                                                                                 | each  | 95.87   |
| 7518 | PTMT - door catcher 72x42 mm                                                                                                                                                                                   | each  | 28.76   |

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| 7552 | Coir Veneered board 4 mm thick                                    | sqm   | 289.74   |
| 7553 | Coir Veneered board 6 mm thick                                    | sqm   | 390.93   |
| 7555 | Coir Veneered board 12 mm thick                                   | sqm   | 662.57   |
| 7556 | Coir Veneered board 18 mm thick                                   | sqm   | 1011.96  |
| 7651 | Ductile Iron class K - 9 pipe Conforming to I.S. 8329 100 mm dia  | metre | 848.98   |
| 7652 | Ductile Iron class K - 9 pipe Conforming to I.S. 8329 150 mm dia  | metre | 1246.30  |
| 7653 | Ductile Iron class K - 9 pipe Conforming to I.S. 8329 200 mm dia  | metre | 1699.02  |
| 7654 | Ductile Iron class K - 9 pipe Conforming to I.S. 8329 250 mm dia  | metre | 2242.28  |
| 7655 | Ductile Iron class K - 9 pipe Conforming to I.S. 8329 300 mm dia  | metre | 2854.78  |
| 7656 | Ductile Iron class K - 9 pipe Conforming to I.S. 8329 350 mm dia  | metre | 3435.33  |
| 7657 | Ductile Iron class K - 9 pipe Conforming to I.S. 8329 400 mm dia  | metre | 4633.70  |
| 7658 | Ductile Iron class K - 9 pipe Conforming to I.S. 8329 450 mm dia  | metre | 5416.63  |
| 7659 | Ductile Iron class K - 9 pipe Conforming to I.S. 8329 500 mm dia  | metre | 6583.04  |
| 7660 | Ductile Iron class K - 9 pipe Conforming to I.S. 8329 600 mm dia  | metre | 7914.57  |
| 7661 | Ductile Iron class K - 9 pipe Conforming to I.S. 8329 700 mm dia  | metre | 10705.43 |
| 7662 | Ductile Iron class K - 9 pipe Conforming to I.S. 8329 750 mm dia  | metre | 12090.22 |
| 7663 | Ductile Iron class K - 9 pipe Conforming to I.S. 8329 800 mm dia  | metre | 12771.96 |
| 7664 | Ductile Iron class K - 9 pipe Conforming to I.S. 8329 900 mm dia  | metre | 14945.00 |
| 7665 | Ductile Iron class K - 9 pipe Conforming to I.S. 8329 1000 mm dia | metre | 16777.17 |
| 7666 | Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 100 mm dia | ench  | 27.70    |
| 7668 | Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 150mm dia  | ench  | 38.35    |
| 7669 | Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 200mm dia  | ench  | 66.04    |
| 7670 | Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 250mm dia  | ench  | 77.76    |
| 7671 | Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 300 mm dia | ench  | 109.72   |
| 7672 | Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 350 mm dia | ench  | 135.28   |
| 7673 | Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 400 mm dia | ench  | 249.26   |
| 7674 | Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 450 mm dia | ench  | 276.96   |

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| 7675 | Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 500 mm dia                         | ench    | 303.59   |
| 7676 | Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 600 mm dia                         | ench    | 374.96   |
| 7677 | Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 700 mm dia                         | ench    | 577.35   |
| 7678 | Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 750 mm dia                         | ench    | 677.48   |
| 7679 | Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 800 mm dia                         | ench    | 728.61   |
| 7680 | Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 900 mm dia                         | ench    | 974.67   |
| 7681 | Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 1000 mm dia                        | ench    | 1212.22  |
| 7682 | Ductile Iron K - 12 specials suitable for push on jointing upto 600 mm dia                | quintal | 12622.83 |
| 7683 | Ductile Iron K - 12 specials suitable for push on jointing over 600 mm dia                | quintal | 17341.74 |
| 7684 | Ductile Iron specials suitable for mechanical jointing as per I.S. 9523 - upto 600 mm dia | quintal | 13357.83 |
| 7685 | Ductile Iron Specials suitable for mechanical jointing as per I.S. 9523 over 600 mm dia   | quintal | 18726.52 |
| 7686 | Ductile Iron Pipe Class K-9 flanges and welding 100 mm dia                                | metre   | 2157.07  |
| 7687 | Ductile Iron Pipe Class K-9 flanges and welding 150 mm dia                                | metre   | 3009.24  |
| 7688 | Ductile Iron Pipe Class K-9 flanges and welding 200 mm dia                                | metre   | 3983.91  |
| 7689 | Ductile Iron Pipe Class K-9 flanges and welding 250 mm dia                                | metre   | 5256.85  |
| 7690 | Ductile Iron Pipe Class K-9 flanges and welding 300 mm dia                                | metre   | 6742.83  |
| 7691 | Ductile Iron Pipe Class K-9 flanges and welding 350 mm dia                                | metre   | 8543.04  |
| 7692 | Ductile Iron Pipe Class K-9 flanges and welding 400mm dia                                 | metre   | 10274.02 |
| 7693 | Ductile Iron Pipe Class K-9 flanges and welding 450 mm dia                                | metre   | 12436.41 |
| 7694 | Ductile Iron Pipe Class K-9 flanges and welding 500mm dia                                 | metre   | 14801.20 |
| 7695 | Ductile Iron Pipe Class K-9 flanges and welding 600mm dia                                 | metre   | 19983.48 |
| 7696 | Ductile Iron Pipe Class K-9 flanges and welding 700 mm dia                                | metre   | 24792.93 |
| 7697 | S&S Centrifugally (Spun) C.I. Pipe class LA 100 mm dia                                    | metre   | 884.13   |
| 7698 | S&S Centrifugally (Spun) C.I. Pipe class LA 125mm dia                                     | metre   | 1107.83  |
| 7699 | S&S Centrifugally (Spun) C.I. Pipe class LA 150 mm dia                                    | metre   | 1320.87  |
| 7700 | S&S Centrifugally (Spun) C.I. Pipe class LA 200 mm dia                                    | metre   | 2258.26  |
| 7701 | S&S Centrifugally (Spun) C.I. Pipe class LA 250 mm dia                                    | metre   | 3014.57  |
| 7702 | S&S Centrifugally (Spun) C.I. Pipe class LA 300 mm dia                                    | metre   | 3983.91  |

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| 7703 | S&S Centrifugally (Spun) C.I. Pipe class LA 350mm dia                                                        | metre   | 4793.48  |
| 7704 | S&S Centrifugally (Spun) C.I. Pipe class LA 400mm dia                                                        | metre   | 6252.83  |
| 7705 | S&S Centrifugally (Spun) C.I. Pipe class LA 450 mm dia                                                       | metre   | 7563.04  |
| 7706 | S&S Centrifugally (Spun) C.I. Pipe class LA500 mm dia                                                        | metre   | 8788.04  |
| 7707 | S&S Centrifugally (Spun) C.I. Pipe class LA 600 mm dia                                                       | metre   | 12196.74 |
| 7708 | S&S Centrifugally (Spun) C.I. Pipe Specials as per IS 1538 suitable for lead jointing up to 300 mm dia       | quintal | 6231.52  |
| 7709 | S&S Centrifugally (Spun) C.I. Pipe Specials as per IS 1538 suitable for lead jointing over 300 mm dia        | quintal | 7989.13  |
| 7710 | S&S Centrifugally (Spun) C.I. Pipe specials suitable for mechanical joint as per I.S. 13382 up to 300 mm dia | quintal | 8734.78  |
| 7711 | S&S Centrifugally (Spun) C.I. Pipe Specials suitable for mechanical joint as per IS 13382 over 300 mm dia    | quintal | 9459.13  |
| 7712 | Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 100 mm dia  | metre   | 1342.17  |
| 7713 | Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 150 mm dia  | metre   | 2087.83  |
| 7714 | Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 200 mm dia  | metre   | 3376.74  |
| 7715 | Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 250 mm dia  | metre   | 3973.26  |
| 7716 | Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 300 mm dia  | metre   | 5081.09  |
| 7717 | Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 350 mm dia  | metre   | 6476.52  |
| 7718 | Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 400 mm dia  | metre   | 8404.57  |
| 7719 | Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 450 mm dia  | metre   | 10588.26 |
| 7720 | Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 500 mm dia  | metre   | 13198.04 |
| 7721 | Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 600 mm dia  | metre   | 16329.78 |
| 7722 | Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 100 mm dia                                            | metre   | 754.17   |
| 7723 | Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 150 mm dia                                            | metre   | 1102.50  |
| 7724 | Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 200 mm dia                                            | metre   | 1507.28  |
| 7725 | Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 250 mm dia                                            | metre   | 2045.22  |
| 7726 | Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 300 mm dia                                            | metre   | 2810.04  |
| 7727 | Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 350 mm dia                                            | metre   | 3339.46  |
| 7728 | Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 400 mm dia                                            | metre   | 3956.22  |

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| 7729 | Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 450 mm dia                                                           | metre   | 4698.67  |
| 7730 | Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 500 mm dia                                                           | metre   | 5554.04  |
| 7731 | Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 600 mm dia                                                           | metre   | 7244.54  |
| 7732 | Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 700 mm dia                                                           | metre   | 9308.93  |
| 7733 | Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 800 mm dia                                                           | metre   | 11883.57 |
| 7734 | Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 900 mm dia                                                           | metre   | 15570.28 |
| 7735 | Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 1000 mm dia                                                          | metre   | 16494.89 |
| 7736 | Extruded burnt flyash clay sewer bricks conforming to I.S 4885                                                              | 1000nos | 4154.35  |
| 7737 | Fly ash lime bricks (FALG Bricks) conforming to I.S. 12894 - 1989                                                           | 1000nos | 3515.22  |
| 7738 | Calcium Silicate Bricks machine moulded confirming to I.S. 4139                                                             | 1000nos | 3834.78  |
| 7739 | Modified Bitumen Refinery produced CRMB - 55                                                                                | toone   | 41010.87 |
| 7741 | Modified Bitumen Refinery produced CRMB - 60                                                                                | toone   | 41330.43 |
| 7742 | Bitumen emulsion medium setting (M.S.) conforming to IS : 8887                                                              | toone   | 30039.13 |
| 7800 | Ceramic Glazed Tiles 1st Quality minimum thickness 5mm in all colours shades except Burgandy, Bottle Green, Black           | sqm     | 314.24   |
| 7801 | Ceramic Glazed Tiles 1st quality 300x300 mm in all shades & designs of White, Ivory, Fume Red Brown etc.                    | sqm     | 383.48   |
| 7802 | Ceramic Glazed Tiles 1st quality 300x300 mm in all shades & designs except White, Ivory, Grey and Fume Red Brown etc.       | sqm     | 390.93   |
| 7803 | Ceramic Glazed Tiles 1st quality 300x300 or more in all shades designs White, Ivory, Grey and Fume Red Brown etc.           | sqm     | 543.26   |
| 7804 | Ceramic Glazed Tiles 1st quality 300x300 or more mm hi all shades designs except White, Ivory, Grey and Fume Red brown etc. | sqm     | 569.89   |
| 7805 | Salem Stainless steel AISI - 304 (18/8) Orrisa pattern W.C. pan 724 mm X 578 mm                                             | ench    | 3866.74  |
| 7806 | Salem Stainless steel AISI - 304 (18/8) Round basin 405 mm X355 mm                                                          | ench    | 1800.22  |
| 7807 | Salem Stainless steel AISI - 304 (18/8) Wash basin 530 mm X 345 mm each                                                     | ench    | 1565.87  |
| 7808 | Centrifugally cast (spun) iron S&S 100 mm inlet and 100 mm outlet                                                           | ench    | 417.57   |



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| 7809 | Centrifugally cast (spun) iron S&S 100 mm inlet and 75 mm outlet                                                         | ench     | 451.65  |
| 7850 | Agaria White marble slab plain 18 mm thick                                                                               | ench     | 1161.09 |
| 7857 | P.T.M.T. Grating square slit 150 mm                                                                                      | ench     | 82.02   |
| 7858 | P.T.M.T. Urinal cock 15mm dia                                                                                            | ench     | 100.13  |
| 7859 | P.T.M.T. Bib cock with nozzle 15 mm                                                                                      | ench     | 141.67  |
| 7861 | P.T.M.T. Stop cock (concealed) 15 mm                                                                                     | ench     | 184.28  |
| 7862 | 15 mm nominal bore and 30 cm length PVC connection pipe with P.T.M.T. Nuts                                               | ench     | 35.15   |
| 7863 | 15 mm nominal bore and 45 cm length PVC connection pipe with P.T.M.T. Nuts                                               | ench     | 40.48   |
| 7864 | P.T.M.T. extension nipple 15 mm                                                                                          | ench     | 34.09   |
| 7865 | P.T.M.T. extension nipple 20 mm                                                                                          | ench     | 40.48   |
| 7866 | P.T.M.T. extension nipple 25 mm                                                                                          | ench     | 60.72   |
| 7900 | Modular common burnt clay bricks of class designation 7.5                                                                | 1,000nos | 3355.43 |
| 7901 | Machine moulded perforated common burnt clay FPS (non modular) bricks of class designation 12.5                          | 1,000nos | 4420.65 |
| 7902 | Machine moulded common burnt clay modular perforated bricks of class designation 12.5                                    | 1,000nos | 4047.83 |
| 7903 | Machine moulded common burnt clay FPS (non modular) bricks of class designation 12.5                                     | 1,000nos | 3781.52 |
|      |                                                                                                                          |          |         |
| 7904 | Machine moulded common burnt clay tile bricks of class designation 12.5                                                  | 1,000nos | 3941.30 |
| 8001 | 24 mm thick Factory made shutters with styles, rails and panels of PVC extruded sections in white, grey or wooden finish | sqm      | 2157.07 |
| 8002 | 30 mm thick Factory made shutters with styles, rails and panels of PVC extruded sections in white, grey or wooden finish | sqm      | 2263.59 |
| 8003 | Factory made PVC rigid foam panelled door shutter 30 mm thick                                                            | sqm      | 2157.07 |
| 8004 | Factory made PVC rigid foam panelled shutters as per I S: 4020 i/c carriage                                              | sqm      | 2577.83 |
| 8006 | Factory made PVC rigid foam sheet 1 mm thick                                                                             | sqm      | 184.28  |
| 8007 | Factory made PVC rigid foam sheet 5 mm thick                                                                             | sqm      | 673.22  |
| 8008 | Factory made Prelaminated PVC rigid foam sheet 5 mm thick                                                                | sqm      | 801.04  |
| 8010 | Factory made PVC Door frame 48x40x1.5 mm in white , grey or wooden finish                                                | metre    | 151.26  |
| 8011 | Factory made door frame PVC extruded sheet i/c carriage                                                                  | metre    | 351.52  |
| 8012 | Adhesive Solvent cement                                                                                                  | litre    | 175.76  |
| 8100 | Powder coated M.S. Butt Hinges 100x58x1.9mm                                                                              | 10 Nos   | 84.15   |
| 8200 | APP modified Polymeric felt 1.5 mm thick                                                                                 | sqm      | 62.85   |

|      |                                                                             |           |        |
|------|-----------------------------------------------------------------------------|-----------|--------|
| 8201 | APP modified Polymeric felt 2.0 mm thick                                    | sqm       | 105.46 |
| 8203 | A P.P. modified 2 mm thick membrane reinforced with glass fibre matt.       | sqm       | 177.89 |
| 8204 | A.P.P. modified 3 mm thick membrane reinforced with glass fibre matt.       | sqm       | 220.50 |
| 8205 | A.P.P. modified 3 mm thick membrane reinforced with polyester matt.         | sqm       | 260.98 |
| 8206 | Bitumen primer for bitumat membrane.                                        | litre     | 75.63  |
| 8207 | Geotextile 120 gsm membrane                                                 | sqm       | 34.09  |
| 8210 | Stainless Steel 50mm long Screws                                            | 100 Nos.  | 255.65 |
| 8211 | Stainless Steel 40mm long Screws                                            | 100 Nos.  | 207.72 |
| 8212 | Stainless Steel 30mm long Screws                                            | 100. Nos. | 154.46 |
| 8214 | Stainless Steel 20mm long Screws                                            | 100 Nos.  | 101.20 |
| 8215 | Stainless Steel 125x64x1.90mm Butt Hinge IS: 12817 marked                   | 10 Nos.   | 255.65 |
| 8216 | Stainless Steel 100x58x1.90mm Butt Hinge IS : 12817 marked                  | 10 Nos.   | 229.02 |
| 8217 | Stainless Steel 75x47x1.80mm Butt Hinge IS : 12817 marked                   | 10 Nos.   | 154.46 |
| 8218 | Stainless Steel 50x37x1.50mm Butt Hinge IS: 12817 marked                    | 10 Nos.   | 133.15 |
| 8219 | Stainless Steel 125x64x2.50mm Butt Hinge IS: 12817 marked                   | 10 Nos.   | 340.87 |
| 8220 | Stainless Steel 100x60x2.50mm Butt Hinge IS:12817 marked                    | 10 Nos.   | 245.00 |
| 8221 | Stainless Steel 75x60x2.50mm Butt Hinge IS: 12817 marked                    | 10 Nos.   | 207.72 |
| 8222 | M. S. heavy weight butt hinges 125x90x4.00mm (heavy weight) IS: 1341 marked | 10 Nos.   | 340.87 |
| 8223 | M. S. heavy weight butt hinges 100x75x3.50mm (heavy weight) IS: 1341 marked | 10 Nos.   | 170.43 |
| 8224 | M.S. heavy weigh butt hinges 75x60x3.10mm (heavy weight) IS: 1341 marked    | 10 Nos.   | 88.41  |
| 8225 | M.S. heavy weight butt hinges 50x40x2.50mm (heavy weight) IS: 1341 marked   | 10 Nos.   | 74.57  |
| 8300 | 1216 mm PE-AL-PE Composite pressure pipe                                    | metre     | 95.87  |
| 8301 | 1620 mm PE-AL-PE Composite pressure pipe                                    | metre     | 118.24 |
| 8302 | 2025 mm PE-AL-PE Composite pressure pipe                                    | metre     | 152.33 |
| 8303 | 2532 mm PE-AL-PE Composite pressure pipe                                    | metre     | 205.59 |

|      |                                                                             |          |         |
|------|-----------------------------------------------------------------------------|----------|---------|
| 8304 | 3240 mm PE-AL-PE Composite pressure pipe                                    | metre    | 330.22  |
| 8305 | 4050 mm PE-AL-PE Composite pressure pipe                                    | metre    | 356.85  |
| 8501 | Polymer modified cementation coating                                        | kilogram | 135.28  |
|      |                                                                             |          |         |
| 8502 | Fibre glass cloth                                                           | sqm      | 41.54   |
| 8503 | Fibre glass cloth                                                           | sqm      | 46.95   |
| 8504 | Multi surface paint                                                         | litre    | 289.74  |
| 8505 | Acralyc exterior paint                                                      | litre    | 138.48  |
| 8506 | Premium Acralyc exterior paint                                              | litre    | 245.00  |
| 8507 | Textured exterior paint                                                     | litre    | 210.91  |
| 8508 | Primer for cement paint                                                     | litre    | 67.11   |
| 8509 | Special Primer (C.W.)                                                       | litre    | 88.41   |
| 8510 | Metal Primer (U.G.)                                                         | litre    | 113.98  |
| 8611 | Main T ceiling sections 24x38x0.3 mm (3 meter long)                         | each     | 199.20  |
| 8612 | Perimeter Wall angle 21 x21 mm ( 3 meter long)                              | each     | 125.70  |
| 8613 | Intermediate Cross Channel (1.2 mtrs)                                       | each     | 76.70   |
| 8614 | Intermediate Cross Channel (1.6 mtrs)                                       | each     | 36.22   |
| 8615 | Hanger rod 0.5 mm thick                                                     | each     | 7.46    |
| 8616 | Adjustment clip                                                             | each     | 6.39    |
| 8617 | Soffit Cleat                                                                | each     | 3.20    |
| 8618 | Dash fastener 6 mm dia 50 mm long                                           | each     | 11.72   |
| 8620 | Vitrified floor tiles 50x50 cm                                              | sqm      | 782.93  |
| 8621 | Vitrified floor tiles 60x60 cm                                              | sqm      | 921.41  |
| 8622 | Vitrified floor tiles 80x80 cm                                              | sqm      | 1139.78 |
| 8623 | Vitrified floor tiles 1 00x1 00 cm                                          | sqm      | 1736.30 |
| 8625 | Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 16 mm Outer dia | metre    | 34.09   |
| 8626 | Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 20mm Outer dia  | metre    | 53.26   |
| 8627 | Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 25mm Outer dia  | metre    | 80.96   |
| 8628 | Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 32mm Outer dia  | metre    | 132.09  |
| 8629 | Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 40mm Outer dia  | metre    | 208.78  |

|      |                                                                                                             |           |         |
|------|-------------------------------------------------------------------------------------------------------------|-----------|---------|
| 8630 | Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 50mm Outer dia                                  | metre     | 304.65  |
| 8631 | Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 63mm Outer dia                                  | metre     | 474.02  |
| 8632 | Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 75mm Outer dia                                  | metre     | 681.74  |
| 8633 | Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 90mm Outer dia                                  | metre     | 1086.52 |
| 8634 | Poly propylene- Random - Co - Polymer (PPR) pipes SDR -11- 110 mm Outer dia                                 | metre     | 1139.78 |
| 8635 | Poly propylene- Random - Co - Polymer (PPR) pipes SDR-11 - 160mm Outer dia                                  | metre     | 2402.07 |
| 8636 | Chlorinated Polyvinyl - chloride (CPVC) pipe 15 mm outer dia                                                | metre     | 54.33   |
| 8637 | Chlorinated Polyvinyl - chloride (CPVC) pipe 20 mm outer dia                                                | metre     | 67.11   |
| 8638 | Chlorinated Polyvinyl - chloride (CPVC) pipe 25 mm outer dia                                                | metre     | 95.87   |
| 8639 | Chlorinated Polyvinyl - chloride (CPVC) pipe 32 mm outer dia                                                | metre     | 127.83  |
| 8640 | Chlorinated Polyvinyl - chloride (CPVC) pipe 40 mm outer dia                                                | metre     | 181.09  |
| 8641 | Chlorinated Polyvinyl - chloride (CPVC) pipe 50 mm outer dia                                                | metre     | 298.26  |
| 8642 | Chlorinated Polyvinyl - chloride (CPVC) pipe 62.5 mm inner dia                                              | metre     | 889.46  |
| 8643 | Chlorinated Polyvinyl - chloride (CPVC) pipe 75 mm inner dia                                                | metre     | 1262.28 |
| 8644 | Chlorinated Polyvinyl - chloride (CPVC) pipe 100 mm inner dia                                               | metre     | 1746.96 |
| 8645 | Chlorinated Polyvinyl - chloride (CPVC) pipe 150 mm inner dia                                               | metre     | 3057.17 |
| 8646 | Silicon sealant                                                                                             | cartridge | 327.02  |
| 8647 | Stainless steel screws 30mmx4mm                                                                             | cent      | 30.89   |
| 8648 | Hermetically sealed double glazed unit made with 6mm thick clear float glass both side having 12 mm air gap | sqm       | 2439.35 |
| 8649 | Stainless steel (ss 304 grade) adjustable friction windows stay 205x19mm                                    | each      | 178.96  |
| 8650 | Stainless steel (ss 304 grade) adjustable friction window stay 255x19mm                                     | each      | 201.33  |
| 8651 | Stainless steel (ss 304 grade) adjustable friction window stay 355x19mm                                     | each      | 251.39  |
| 8652 | Stainless steel (ss 304 grade) adjustable friction window stay 510x19mm                                     | each      | 465.50  |
| 8653 | Stainless steel (ss 304 grade) adjustable friction window stay 710x19mm                                     | each      | 844.72  |
| 8654 | Masking tape                                                                                                | metre     | 1.65    |
| 8655 | Autoclaved aerated cement (aac) blocks.                                                                     | cum       | 2157.07 |
| 8656 | Gypsum panel 666x500x100 mm size                                                                            | sqm       | 484.67  |
| 8657 | Bonding laster for gypsum panel.                                                                            | kg        | 56.46   |
| 8658 | Mechanised autoclaved fly ashlimebricks.                                                                    | 1000 nos  | 4580.43 |

|      |                                                                                 |          |         |
|------|---------------------------------------------------------------------------------|----------|---------|
| 8659 | Water proof ply 12 mm thick.                                                    | sqm      | 687.07  |
| 8660 | Aluminium casement window fastener(anodised ac 15)                              | each     | 42.61   |
| 8661 | Aluminium casement window fastener(powder coated).                              | each     | 43.67   |
| 8662 | Aluminium casement window fastener (polyester powder coated).                   | each     | 44.74   |
| 8663 | Aluminium round shape handle (anodised ac" 15)                                  | each     | 52.20   |
| 8664 | Aluminium round shape handle (powder coated)                                    | each     | 57.52   |
| 8665 | Aluminium round shape handle (polyester powder coated).                         | each     | 62.85   |
| 8666 | Stainless steel screws 25mmx4mm                                                 | cent     | 34.09   |
| 8667 | UV-stabilised 2 mm thick plain frp sheet.                                       | sqm      | 495.33  |
| 8668 | UV stabilised 2 mm thick corrugated frp sheet.                                  | sqm      | 573.09  |
| 8669 | Mangalore ridgetiles 20 mm thick                                                | each     | 30.89   |
| 8670 | Mangalore tiles 20 mm thick.                                                    | each     | 10.87   |
| 8671 | Precoated galvanised iron rfilesheet 0.50 mm tct                                | sqm      | 463.37  |
| 8672 | Precoated galvanised steel plain ridges.                                        | metre    | 468.70  |
| 8673 | Precoated galvanised steel flashings/aprons.                                    | metre    | 468.70  |
| 8674 | Precoated galvanised steel gutter                                               | metre    | 484.67  |
| 8675 | Precoated galvanised steel north light curves.                                  | metre    | 484.67  |
| 8676 | Precoated galvanised steel barge board                                          | metre    | 474.02  |
| 8677 | Precoated galvanised steel crimp curve                                          | sqm      | 505.98  |
| 8678 | 1 mm thick 35 mm wide bright finished stainless steel paino hinges.             | metre    | 39.41   |
| 8683 | Red sand stone gang saw cut 30 mm thick.                                        | sqm      | 426.09  |
| 8684 | White sand stone gang saw cut 30 mm thick.                                      | sqm      | 463.37  |
| 8685 | Delineator                                                                      | each     | 330.22  |
| 8686 | Precast c.c. kerb stone (iv25                                                   | cum      | 4287.50 |
| 8687 | Thermoplastic paint                                                             | kg       | 67.11   |
| 8688 | glass beads                                                                     | kg       | 66.04   |
| 8689 | Interlocing c.c. paverblock (60 mm thick, m-30)                                 | sqm      | 346.20  |
| 8690 | High intensity retro-reflective sheet.                                          | sqm      | 1624.46 |
| 8691 | Punched tape concertina coil 600 m dia. 10m openable length (total length 90 m) | bundle   | 777.61  |
| 8692 | RBT reinforced barbed wire.                                                     | metre    | 9.05    |
| 8693 | Turn buckle and strengthening bolte                                             | each set | 42.61   |
| 8694 | Precast pavement slab 450x450x50 mm (m-30).                                     | each     | 58.59   |



|      |                                                                                                                            |       |         |
|------|----------------------------------------------------------------------------------------------------------------------------|-------|---------|
| 8695 | Chain link fabric fencing mesh of size 50x50xmm made of g.i. wire of dia. 4mm, pvc coated to outer dia. 5mm.               | sqm   | 274.83  |
| 8696 | Chain lind fabric fencing mesh of size 25x25xmm made of g.i. wireof dia. 3 mm.                                             | sqm   | 303.59  |
| 8697 | Chain link fencing mesh of size 25x25 mm made of g.i. wire of dia. 3 mm.                                                   | sqm   | 362.17  |
| 8698 | Stainless steei cramps with nuts, bolts and washer for dry stone cladding.                                                 | each  | 89.48   |
| 8699 | 8 mm thick tapered edge calcium silicated board.                                                                           | sqm   | 237.54  |
| 8700 | 10 mm thick calcium silicate board.                                                                                        | sqm   | 394.13  |
| 8703 | Telescopic drawer channels 300 mm long.                                                                                    | set   | 143.80  |
| 8704 | Stainless steel roller for sliding arrangement in racks/cupboards/cabinets shutter.                                        | each  | 8.52    |
| 8705 | 50 mm x42mm x2 mm thick factory made door frame of pvc extruded sections in whiter, grey or wooden finish                  | metre | 143.80  |
| 8706 | 25mm thick factory made pvc flush door shutter i/c carriage.                                                               | sqm   | 2183.70 |
| 8707 | Factory made glass reinforced plastic door frame 90x45 mm i/c carriage.                                                    | metre | 388.80  |
| 8708 | 30 mm thick factory made glass fiber reinforced plastic panel door shutter i/c carriage.                                   | sqm   | 1826.85 |
| 8710 | Factory made solid pvc door frame 60x30xmm i/c cariage.                                                                    | metre | 287.61  |
| 8711 | 28 mm factory made solid pvc panel door shutter i/c carriage.                                                              | sqm   | 2258.26 |
| 8713 | Fiber glass reinforced plastic chajja.                                                                                     | sqm   | 3685.65 |
| 8714 | Magnetic catcher triple strip horizontal type.                                                                             | each  | 15.98   |
| 8715 | Magnetic catcher double strip horizontal type.                                                                             | each  | 12.78   |
| 8716 | 100 mm mortice lock with 6 levers for aluminium door.                                                                      | each  | 330.22  |
| 8717 | 12.5 mm thick glass fibre reinforced gypsum board.                                                                         | sqm   | 170.43  |
| 8719 | 2nd class teak wood lipping/moulded beading or taj beading of size,18x5mm                                                  | metre | 26.63   |
| 8720 | Ceilling sections 0.55 mm thick having a knurled web of 51.55 mm and two flanges of 26 mm each with lips of 10.55 mm.      | metre | 41.54   |
| 8721 | Perimeter channel having one flange of 20 mm and anotherflange of 30 mm with thickness of 0.55 mm and web of length 27 mm. | metre | 26.63   |
| 8722 | Nylon sleeves & wooden screws (40mm)                                                                                       | each  | 2.02    |
| 8723 | Counter sunk ribbed head screw 25 mm.                                                                                      | cent  | 76.70   |
| 8724 | 12 mm thick marine plywood conforming to is: 710                                                                           | sqm   | 878.80  |
| 8725 | 12 mm thick fire retardant plywood conforming to is:5509.                                                                  | sqm   | 916.09  |

|             |                                                                                                                             |           |         |
|-------------|-----------------------------------------------------------------------------------------------------------------------------|-----------|---------|
| 8726        | 1.5 mm thick decorative laminated sheet                                                                                     | sqm       | 505.98  |
| 8727        | 1.0 mm thick decorative laminated sheet                                                                                     | sqm       | 372.83  |
| 8730        | 30 mm thick factory made glass fiber reinforced plastic flush door shutter i/c carriage.                                    | sqm       | 2103.80 |
| 8731        | High polymer modified quickset tile adhesive.                                                                               | per kg    | 17.04   |
| 8732        | Synthetic polyester triangular fibre of length 12 mm, effective diameter 10-40 microns and specific gravity of 1.34 to 1.40 | kg        | 388.80  |
| 8733        | Synthetic polyester triangular fibre of length 6 mm, effective diameter 10-40 microns and specific gravity of 1.34 to 1.40  | kg        | 388.80  |
| 9999        | Sundries                                                                                                                    | L.S.      | 1.59    |
| 0842        | Ready mix paint for wood work                                                                                               | Per litre | 203.51  |
| 0843        | Ready mix paint for steel work                                                                                              | Per litre | 203.51  |
| 0288        | Brick Khoa                                                                                                                  | Per m3    | 1324.05 |
| <b>1002</b> | <b><u>Mild steel round bar 12mm dia and below</u></b>                                                                       | quintal   | 4641.00 |
| 1007        | Structural steel                                                                                                            | quintal   | 4735.00 |
| 0993        | Plain A.C sheet standard quality(6mm thick)                                                                                 | sqm       | 183.09  |

## **NEW CODES**

|      |                                                                                                             |        |        |
|------|-------------------------------------------------------------------------------------------------------------|--------|--------|
| 0303 | Cowdung                                                                                                     | cum    | 50.07  |
| 0801 | Silicon and acrylic emulsion                                                                                | litre  | 149.13 |
| 0802 | Acrylic distemper 1st quality , having VOC content less than 50gm/litre                                     | Kg     | 40.48  |
| 0803 | Acrylic emulsion , having VOC content less than 50 gm/litre                                                 | litre  | 213.04 |
| 0804 | Premium acrylic emulsion of interior grade, having VOC content less than 50 gm/litre                        | litre  | 372.83 |
| 0805 | Synthetic enamel paint , having VOC (Volatile Organic Compound) content less than 150 gm/litre              | litre  | 191.74 |
| 0806 | Ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 gms/litre | litre  | 109.72 |
| 0807 | Ready mixed red oxide zinc chromatic on steel/ iron work, having VOC content less than 250 gms/litre        | litre  | 133.15 |
| 0808 | Water thinnable cement primer for interior wall surface, having VOC content less than 50 gms/litre          | litre  | 58.59  |
| 0824 | Cement base wall care putty                                                                                 | kg     | 25.03  |
| 1011 | Steel glazed door,window/ ventilator, all members viz. F7D, F4B,K11 and K12B etc                            | kg     | 51.13  |
| 1200 | Kiln seasoned selected sheesham wood planks                                                                 | 10 cum | 692.39 |
| 1204 | Precast heat resistant terrace tiles (size 300x300 mm) and 20 mm thick                                      | sqm    | 513.43 |
| 2393 | 1 mm thick Stainless Steel Cover plate grade 304                                                            | kg     | 292.93 |
| 2394 | Coupler 16 mm dia                                                                                           | sqm    | 71.90  |

|      |                                                                                                                                                                                             |          |          |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|
| 2395 | Coupler 20 mm dia                                                                                                                                                                           | sqm      | 93.47    |
| 2396 | Coupler 25 mm dia                                                                                                                                                                           | sqm      | 137.95   |
| 2397 | Coupler 28 mm dia                                                                                                                                                                           | sqm      | 203.72   |
| 2398 | Coupler 32 mm dia                                                                                                                                                                           | sqm      | 245.53   |
| 2408 | Float glass sheet of nominal thickness 8 mm (weight not less than 20.00 kg/ sqm)                                                                                                            | sqm      | 745.65   |
| 2413 | 12 mm commercial ply                                                                                                                                                                        | sqm      | 617.83   |
| 2414 | 18 mm thick block board with commercial ply veneering on both side                                                                                                                          | sqm      | 745.65   |
| 2506 | Carben Steel galvanised dash fastner (min 5 micron) of 10 mm dia double threaded 6.8 grade counter sunk head screw comprising of 10 mm dia polyamide PA 6 grade sleeve. Size 10 mm x 60 mm  | 10nos    | 266.30   |
| 2507 | Carben Steel galvanised dash fastner (min 5 micron) of 10 mm dia double threaded 6.8 grade counter sunk head screw comprising of 10 mm dia polyamide PA 6 grade sleeve. Size 10 mm x 80 mm  | 10nos    | 312.11   |
| 2508 | Carben Steel galvanised dash fastner (min 5 micron) of 10 mm dia double threaded 6.8 grade counter sunk head screw comprising of 10 mm dia polyamide PA 6 grade sleeve. Size 10 mm x 120 mm | 10nos    | 387.74   |
| 2509 | Carben Steel galvanised dash fastner (min 5 micron) of 10 mm dia double threaded 6.8 grade counter sunk head screw comprising of 10 mm dia polyamide PA 6 grade sleeve. Size 10 mm x 140 mm | 10nos    | 452.72   |
| 2510 | Carben Steel galvanised dash fastner (min 5 micron) of 10 mm dia double threaded 6.8 grade counter sunk head screw comprising of 10 mm dia polyamide PA 6 grade sleeve. Size 10 mm x 160 mm | 10nos    | 596.52   |
| 2708 | Truf Paver (500 x 500 x 40 mm)                                                                                                                                                              | sqm      | 1151.13  |
| 2709 | Ceramic Tiles Pieces for Crazy Flooring                                                                                                                                                     | quintal  | 138.48   |
| 3327 | 15 mm Battery Based Sensor Pillar Cock                                                                                                                                                      | each     | 6202.23  |
| 4001 | Stainless steel (Grade-304) hollow section round/square tubes                                                                                                                               | kg       | 346.20   |
| 4002 | Stainless steel bolts/square bar and plates                                                                                                                                                 | kg       | 127.83   |
| 7007 | Fly Ash Bricks as per IS 12894(2002) & IS 3425(I to IV)                                                                                                                                     | per 1000 | 4864.76  |
| 7028 | 12.5 mm thick Fully Perforated gypsum board                                                                                                                                                 | sqm      | 987.46   |
| 7030 | 12.5 mm thick tapered edge gypsum fire resistant board                                                                                                                                      | sqm      | 252.46   |
| 7031 | 12.5 mm thick tapered edge gypsum moisture resistant board                                                                                                                                  | sqm      | 288.67   |
| 7050 | PU Primer                                                                                                                                                                                   | sqm      | 43.41    |
| 7051 | 40 mm (average) PU spray having 40-45 kg/m <sup>3</sup> density                                                                                                                             | sqm      | 446.75   |
| 7052 | GI wire netting 3/4" x 24 G                                                                                                                                                                 | sqm      | 27.96    |
| 7053 | 400 G polythene sheet                                                                                                                                                                       | sqm      | 15.98    |
| 7072 | Wall mounted water closet                                                                                                                                                                   | each     | 4844.61  |
| 7073 | Adjustable Vitreous China Cistern with fittings                                                                                                                                             | each     | 2566.75  |
| 7074 | White Vitreous China Waterless Urinal                                                                                                                                                       | each     | 14069.39 |
| 7075 | Cistern with fittings for Waterless Urinal                                                                                                                                                  | each     | 3227.18  |

|      |                                                                                                         |       |          |
|------|---------------------------------------------------------------------------------------------------------|-------|----------|
| 7076 | White Vetricious Urinal                                                                                 | each  | 13414.02 |
| 7178 | Chemical ASTM C-type I                                                                                  | kg    | 106.52   |
| 7280 | Waste plastic additive                                                                                  | tonne | 42608.70 |
| 7281 | Chemical ASTM C-type II                                                                                 | kg    | 170.43   |
| 7743 | M.S. pipe 150 mm dia casing pipe                                                                        | metre | 1109.96  |
| 7744 | M.S. pipe 200 mm dia casing pipe                                                                        | metre | 1331.52  |
| 7745 | PVC blind pipe 150 mm dia as per IS: 12818                                                              | metre | 490.00   |
| 7746 | PVC blind pipe 200 mm dia as per IS: 12818                                                              | metre | 889.19   |
| 7747 | M.S. cap 150 mm dia                                                                                     | each  | 159.78   |
| 7748 | M.S. cap 200 mm dia                                                                                     | each  | 191.74   |
| 7749 | M.S. bail plug 150 mm dia                                                                               | each  | 181.09   |
| 7750 | M.S. bail plug 200 mm dia                                                                               | each  | 213.04   |
| 7751 | PVC slotted pipe 150 mm dia as per IS: 12818                                                            | metre | 495.49   |
| 7752 | PVC slotted pipe 200 mm dia as per IS: 12818                                                            | metre | 894.78   |
| 7753 | Boulder 50 mm to 200 mm                                                                                 | cum   | 353.65   |
| 7754 | Gravel 5 mm to 10 mm                                                                                    | cum   | 692.39   |
| 7755 | Gravel 1.5 mm to 2 mm                                                                                   | cum   | 665.76   |
| 7756 | Gravel 3 mm to 6 mm                                                                                     | cum   | 692.39   |
| 7757 | M.S. pipe 100 mm dia casing pipe                                                                        | metre | 798.91   |
| 7758 | uPVC blind pipe 100 mm dia as per IS: 12818                                                             | metre | 410.11   |
| 7759 | uPVC slotted pipe 100 mm dia as per IS: 12818                                                           | metre | 415.43   |
| 7760 | M.S. cap 100 mm dia                                                                                     | each  | 127.83   |
| 7761 | M.S. bail plug 100 mm dia                                                                               | each  | 149.13   |
| 7762 | Precast R.C.C. perforated slab                                                                          | each  | 798.91   |
| 7763 | Water supply tanker of 5000 litre capacity                                                              | each  | 639.13   |
| 7764 | M.S. socket 100 mm dia                                                                                  | each  | 175.76   |
| 7765 | M.S. socket 150 mm dia                                                                                  | each  | 213.04   |
| 7766 | M.S. socket 200 mm dia                                                                                  | each  | 266.30   |
| 7767 | Stone cleaning chemical approved by ASI                                                                 | litre | 174.71   |
| 7768 | Water repellent chemical approved by ASI                                                                | litre | 1689.70  |
| 7769 | Stone surface strengthening chemical approved by ASI                                                    | litre | 1083.51  |
| 7770 | Turpentine oil                                                                                          | litre | 71.90    |
| 7771 | Liquid Amonia 5%                                                                                        | litre | 171.29   |
| 7772 | Pea Gravel                                                                                              | cum   | 692.39   |
| 8014 | Factory made door frame of size 50x47 mm with wall thickness 5 mm made of single piece extruded profile | metre | 479.35   |
| 8589 | Calcium Silicate tegular edged ceiling tiles 595x595 mm and 15 mm thick                                 | sqm   | 913.96   |
| 8590 | Galvanised Steel main Tee ceiling section Size 24 x 38 x 0.33 mm (3 metre long)                         | each  | 204.52   |
| 8591 | Galvanised Steel perimeter wall Angle Size 24 x 24 x 0.40 mm (3.00 metre long)                          | each  | 133.15   |
| 8592 | Galvanised Steel intermediate cross T section Size 24 x 25 x 0.33 mm (1.2 metre long)                   | each  | 82.02    |

|      |                                                                                                                                                        |       |          |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------|
| 8593 | Galvanised Steel intermediate cross T section Size 24 x 25 x 0.33 mm ( 0.6 metre long)                                                                 | each  | 41.54    |
| 8594 | Galvanised Steel soffit cleat size 25x35x1.60 mm                                                                                                       | each  | 3.20     |
| 8595 | Wooden screws with plastic rawl plugs 35x8 mm                                                                                                          | each  | 0.59     |
| 8597 | GI Metal Tile Clip in Plain Beveled edge global white colour tiles of size 600x600 mm and 0.5 mm thick                                                 | sqm   | 952.30   |
| 8598 | GI Metal Tile Clip in Perforated Beveled edge global white colour tiles of size 600x600 mm and 0.5 mm thick                                            | sqm   | 1063.09  |
| 8599 | GI Metal Tile Lay-in Plain Tegular edge global white color tiles of Size595x595 mm and 0.5 mm thick                                                    | sqm   | 861.76   |
| 8600 | GI Metal Tile Lay-in Perforated Tegular edge global white color tiles of Size 595x595 mm and 0.5 mm thick                                              | sqm   | 965.09   |
| 8601 | PVC Laminated Gypsum Tiles (Square edge) of Size 595x595 mm and 12.5 mm thick                                                                          | sqm   | 498.52   |
| 8602 | Gypsum Tiles Fully Perforated Square edge of Size 595x595 mm and 12.5 mm thick                                                                         | sqm   | 515.57   |
| 8604 | Spring T-section 24x34x0.45 mm (3.00 meter long)                                                                                                       | metre | 191.74   |
| 8605 | C Wall angle section 20x30x20x0.50 mm (3.00 meter long)                                                                                                | metre | 165.11   |
| 8606 | Main C Carrier Size 10x38x10x0.70 mm (3.00 meter long)                                                                                                 | metre | 174.70   |
| 8607 | Spring T-connector                                                                                                                                     | each  | 5.33     |
| 8608 | C Carrier Connector                                                                                                                                    | each  | 11.72    |
| 8609 | C Suspension Clip                                                                                                                                      | each  | 11.72    |
| 8610 | Wire Coupling Clip                                                                                                                                     | each  | 9.59     |
| 8682 | Epoxy Grout                                                                                                                                            | kg    | 532.61   |
| 8709 | 30 mm thick factory made solid PVC profile panelled door single piece extruded profile decorative finish (wood grain printed on both side)             | sqm   | 2663.04  |
| 8712 | 30 mm thick factory made solid PVC profile panelled door single piece extruded profile non decorative finish                                           | sqm   | 2258.26  |
| 8734 | P.V.C. Single piece extruded door frame of profile size 50 mm x 47 mm with wall thickness of 5 mm                                                      | metre | 362.17   |
| 8735 | 35 mm thick factory made solid panel PVC door shutter of single piece extruded profile non decorative finished (Matt finished)                         | sqm   | 2224.17  |
| 8736 | 35 mm thick factory made solid panel PVC door shutter of singlepiece extruded profile decorative finished (Wood grain finished)                        | sqm   | 2701.39  |
| 8737 | Stainless steel wire guage (Grade-304) aperture 1.4 mm and 0.50 mm dia wire                                                                            | sqm   | 809.57   |
| 8738 | Factory made door frame fire rated ( 60 minutes) made with 16 SWG G.I. Sheet of section 143 mm x 57 mm duly filled with vermiculite based concrete mix | metre | 1041.78  |
| 8739 | Fire rated door shuttere made with 16 SWG G.I. sheet (60 minutes) without panel                                                                        | sqm   | 5166.30  |
| 8740 | Fire seal Putty                                                                                                                                        | kg    | 719.02   |
| 8741 | Clear fire resistant glass panes 6mm thick (60 minutes)                                                                                                | sqm   | 21091.30 |



|      |                                                                                                                                                     |       |         |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| 8742 | G.I. U beading of 16 SWG G.I. sheet (zinc coating >120gm/m <sup>2</sup> ) with ceramic tape of suitable thickness and fire resistant primer coating | metre | 263.11  |
| 8743 | Matrix Mineral Board                                                                                                                                | metre | 65.88   |
| 8744 | Panic Bar / latch (Double point)                                                                                                                    | each  | 5326.09 |
| 8745 | 65 mm x 55 mm x 2 mm thick Factory made door frame of PVC extruded section in white, grey or wooden finish                                          | metre | 338.74  |
| 8746 | 37 mm thick Factory made shutter with style, rails and panels of PVC extruded section in white or grey finish i/c carriage                          | sqm   | 2370.11 |
| 8747 | 75 mm x 53 mm x 2.0 mm thick Factory made door frame of PVC extruded section in white, grey or wooden finish                                        | metre | 348.33  |
| 8748 | 37 mm thick Factory made fusion welded shutter with style, rails and panels of PVC extruded section in wooden finish                                | sqm   | 2450.00 |
| 8750 | Zinc alloy (white powder coated) casement handle for uPVC windows                                                                                   | each  | 159.78  |
| 8751 | Zinc alloy (white powder coated) Touch Lock for uPVC windows                                                                                        | each  | 106.52  |
| 8752 | Zinc alloy rollers for uPVC windows                                                                                                                 | each  | 53.26   |
| 8753 | Zinc alloy rollers for uPVC door                                                                                                                    | each  | 85.22   |
| 8754 | Zinc alloy (white powder coated) casement lock for uPVC windows                                                                                     | each  | 106.52  |
| 8755 | Stainless steel friction hinge of size 200 mm x 19 x 1.9 mm for UPVC windows                                                                        | each  | 239.67  |
| 8756 | Stainless steel friction hinge of size 250 mm x 19 x 1.9 mm for UPVC windows                                                                        | each  | 292.93  |
| 8757 | Stainless steel friction hinge of size 300 mm x 19 x 1.9 mm for UPVC windows                                                                        | each  | 372.83  |
| 8758 | Stainless steel friction hinge of size 350 mm x 19 x 1.9 mm for UPVC windows                                                                        | each  | 426.09  |
| 8759 | Stainless steel friction hinge of size 400 mm x 19 x 1.9 mm for UPVC windows                                                                        | each  | 532.61  |
| 8760 | UPVC extruded profile casement window Frame (50 mm x 50 mm)                                                                                         | metre | 168.30  |
| 8761 | UPVC extruded profile casement window sash (Style and Rail) (62 mm x 34 mm)                                                                         | metre | 154.46  |
| 8762 | UPVC extruded profile casement window mullion (intermediate section) (66 mm x 50 mm)                                                                | metre | 186.41  |
| 8763 | UPVC extruded profile casement window 'T' profile (one vertical length in between two shutters) (24 mm x 34.5 mm)                                   | metre | 49.00   |
| 8764 | UPVC extruded profile casement window glazing bead (12 mm x 18 mm)                                                                                  | metre | 49.00   |
| 8765 | UPVC extruded profile casement window Frame (67 mm x 62 mm)                                                                                         | metre | 239.67  |
| 8766 | UPVC extruded profile casement Window Sash/Mullion (67 mm x 75 mm) (Style, rail and intermediate section)                                           | metre | 266.30  |
| 8767 | UPVC extruded profile casement window glazing bead (35 mm x 18 mm)                                                                                  | metre | 83.09   |
| 8768 | UPVC extruded profile Two Track Sliding frame (67 mm x 52 mm)                                                                                       | metre | 250.33  |

|      |                                                                                                            |       |         |
|------|------------------------------------------------------------------------------------------------------------|-------|---------|
|      | mm)                                                                                                        |       |         |
| 8769 | UPVC extruded profile Sliding window Sash (60 mm x 44 mm)                                                  | metre | 225.83  |
| 8770 | UPVC extruded profile Sliding Interlock for Window (one vertical length in each shutter) (45.5 mm x 28 mm) | metre | 47.93   |
| 8771 | UPVC extruded profile Sliding Door Sash (80 mm x 44 mm)                                                    | metre | 292.93  |
| 8772 | Aluminium Track on bottom rail for UPVC window                                                             | metre | 21.30   |
| 8773 | Wool Pine for UPVC window                                                                                  | metre | 15.98   |
| 8774 | Aluminium Grill                                                                                            | metre | 266.30  |
| 8775 | Steel Galvanised tubular reinforcement for UPVC door/ window                                               | metre | 53.26   |
| 8776 | Stainless steel dash fastener of 8 mm dia and 75 mm long bolt                                              | each  | 21.30   |
| 8778 | Toughened glass 12 mm thickness                                                                            | sqm   | 1917.39 |
| 8779 | Paver Block                                                                                                |       |         |
| A    | M35 grade 60mm thick                                                                                       |       |         |
|      | White                                                                                                      | sqm   | 463.47  |
|      | Red                                                                                                        | sqm   | 471.80  |
|      | Yellow                                                                                                     | sqm   | 486.61  |
| B    | M40 grade 80mm thick                                                                                       |       |         |
|      | White                                                                                                      | sqm   | 531.93  |
|      | Red                                                                                                        | sqm   | 545.81  |
|      | Yellow                                                                                                     | sqm   | 563.39  |
| 8780 | Kerb Stone Block M30 Grade of Size 375mm x 300mm                                                           | each  | 100.54  |

**SUB HEAD: 0.4**  
**CAPACITY OF TRUCK**

## **TRUCK CAPACITY PER TRIP**

VIDE T.E.C.LETTER No 1115DATED 12.07.85

| S.no      | Materials                                                                                  | Truck Capacity    |      | Net payable<br>Volume or weight<br>col 3*col 4 |
|-----------|--------------------------------------------------------------------------------------------|-------------------|------|------------------------------------------------|
| 1         | 2                                                                                          | 3                 | 4    | 5                                              |
| 1         | line,Moorum and building rubbish                                                           | 6.00cum           | 1.00 | 6.00 cum                                       |
| 2         | Earth                                                                                      | 6.00cum           | 0.80 | 4.80 cum                                       |
| 3         | Manurc or studge                                                                           | 6.00cum           | 0.92 | 5.52 cum                                       |
| 4         | Excavated rocks(120 Lbs)                                                                   | 6.00cum           | 0.67 | 4.02 cum                                       |
| 5         | Stone Metal                                                                                | 5.40cum           | 0.85 | 4.59 cum                                       |
| 6         | Soling stone                                                                               | 5.00cum           | 0.85 | 4.25 cum                                       |
| 7         | Boulder(90 Lbs to 120 Lbs)                                                                 | 6.00cum           | 0.8  | 4.80 cum                                       |
| 8         | Bricks                                                                                     | 2000Nos           | 1.00 | 2000 Nos                                       |
| 9         | Tiles/Mangra/Mosaic                                                                        | 3200Nos           | 1.00 | 3200Nos                                        |
| 10        | Bricks tiles(300*150*50mm)                                                                 | 1760Nos           | 1.00 | 1760 Nos                                       |
| 11        | Cement,Stone blocks ,G.I .C.I .A.C and C.C Pipe below 100 mm dia and other heavy materials | 8.00MT            | 1.00 | 8.00MT                                         |
| 12        | Steel                                                                                      | 8.00MT            | 1.00 | 8.00MT                                         |
| 13        | Timber                                                                                     | 9.60 cum          | 1.00 | 9.60 cum                                       |
| 14        | Tar,Bitumen                                                                                | 8.00MT            | 1.00 | 8.00MT                                         |
| 15        | steem coal                                                                                 | 8.00 MT           | 1.00 | 8.00MT                                         |
| <b>16</b> | <b>S.W.pipe 60 cm,length</b>                                                               |                   |      |                                                |
| (i)       | 100 mm dia                                                                                 | 800No / 480M      | 1.00 | 800No / 480M                                   |
| (ii)      | 150 mm dia                                                                                 | 400 No / 240 M    | 1.00 | 400 No / 240 M                                 |
| (iii)     | 200 mm dia                                                                                 | 224 No / 134.40 M | 1.00 | 224 No / 134.40 M                              |
| (iv)      | 230 mm dia                                                                                 | 176 No / 105.60 M | 1.00 | 176 No / 105.60 M                              |
| (v)       | 250 mm dia                                                                                 | 140 No / 84 M     | 1.00 | 140 No / 84 M                                  |
| (vi)      | 300 mm dia                                                                                 | 112 No / 67.20 M  | 1.00 | 112 No / 67.20 M                               |
| (vii)     | 350 mm dia                                                                                 | 80 No / 48 M      | 1.00 | 80 No / 48.20 M                                |
| (viii)    | 400 mm dia                                                                                 | 56 No / 33.60 M   | 1.00 | 56 No / 33.60 M                                |

|           |                                  |                     |      |                 |
|-----------|----------------------------------|---------------------|------|-----------------|
| (ix)      | 450 mm dia                       | 44 No / 26.40 M     | 1.00 | 44 No / 26.40 M |
| (x)       | 500 mm dia                       | 40 No / 24.00 M     | 1.00 | 40 No / 24.00 M |
| (xi)      | 600 mm dia                       | 32 No / 19.20 M     | 1.00 | 32 No / 19.20 M |
| <b>17</b> | <b>R.C.C pipe and A.C pipe</b>   |                     |      |                 |
| (i)       | 100 mm dia                       | 145 No*2M=290M      | 1.00 | 290.00M         |
| (ii)      | 125 mm dia                       | 100 No*2M=200M      | 1.00 | 200.00M         |
| (iii)     | 150 mm dia                       | 90 No*2M=180M       | 1.00 | 180.00M         |
| (iv)      | 200 mm dia                       | 40No*2.5M=100M      | 1.00 | 40No*2.5M=100M  |
| (v)       | 250 mm dia                       | 30No*2.50M=75M      | 1.00 | 75.00M          |
| (vi)      | 300 mm dia                       | 24 No*2.5=60M       | 1.00 | 60.00M          |
| (vii)     | 350 mm dia                       | 19No*2.5M=47.5M     | 1.00 | 47.50M          |
| (viii)    | 400mm dia & 450mm dia            | 13No*2.5M=32.5M     | 1.00 | 32.50M          |
| (ix)      | 500mm dia & 600mm dia            | 10No*2.5M=25.0M     | 1.00 | 25.00M          |
| (x)       | 700mm dia & 800mm dia            | 6No*2.5M=15M        | 1.00 | 15.00M          |
| (xi)      | 900mm dia & 1100mm dia           | 4No*2.5M=10M        | 1.00 | 10.00M          |
| (xii)     | 1100mm dia & 1200mm dia          | 3No*2.5M=7.5M       | 1.00 | 7.50M           |
|           | G.I crates 1*1.5*0.75 M          | 80 No               | 1.00 | 80 No           |
| <b>18</b> | <b>Bamboos</b>                   |                     |      |                 |
| (i)       | 75 mm dia & 100 mm dia           | 280 No              | 1.00 | 280 No          |
| (ii)      | 50 mm dia & 75 mm dia            | 300 No              | 1.00 | 300 No          |
| 19        | Empty bags of cement length      | 3000 Nos            | 1.00 | 280 Nos         |
| <b>20</b> | <b>Sal bullah Av 6M</b>          |                     |      |                 |
| (i)       | 100 mm dia                       | 125 Nos             | 1.00 | 125 Nos         |
| (ii)      | 125 mm dia                       | 80 Nos              | 1.00 | 80 Nos          |
| (iii)     | 150 mm dia                       | 60 Nos              | 1.00 | 60 Nos          |
| (iv)      | 175 mm dia                       | 45 Nos              | 1.00 | 45 Nos          |
| (v)       | 200 mm dia                       | 25 Nos              | 1.00 | 25 Nos          |
| (vi)      | 225 mm dia                       | 20 Nos              | 1.00 | 20 Nos          |
| 20        | Stone chips and sand             | 5.4 cum             | 0.92 | 5.00 cum        |
| <b>21</b> | <b>Steel and C.I.Pipe 3.66 M</b> |                     |      |                 |
| (i)       | 100 mm dia                       | 80 No*3.66M=292.80M | 1.00 | 292.8M          |
| (ii)      | 125 mm dia                       | 60 No*3.66M=219.60M | 1.00 | 219.60M         |
| (iii)     | 150 mm dia                       | 50 No*3.66M=183.00M | 1.00 | 183.00M         |
| (iv)      | 200 mm dia                       | 30 No*3.66M=109.80M | 1.00 | 109.80M         |
| (v)       | 250 mm dia                       | 22 No*3.66M=80.52M  | 1.00 | 80.52M          |



|        |            |                    |      |        |
|--------|------------|--------------------|------|--------|
| (vi)   | 300 mm dia | 17 No*3.66M=62.22M | 1.00 | 62.22M |
| (vii)  | 350 mm dia | 12 No*3.66M=43.92M | 1.00 | 43.92M |
| (viii) | 400 mm dia | 9 No*3.66M=32.94M  | 1.00 | 32.94M |
| (ix)   | 500 mm dia | 7 No*3.66M=25.62M  | 1.00 | 25.62M |
| (x)    | 600 mm dia | 5 No*3.66M=18.30M  | 1.00 | 18.30M |

**SUB HEAD: 1.0**  
**CARRIAGE OF MATERIALS**

## CARRIAGE OF MATERIALS( By Tipper )

| Sr no. | Ref. to M.O.R.T Spec.                     | Description                                                                                                                                         | Unit  | Quantity      | Rate Rs.                | Cost Rs      | Remarks/ Input ref.  |
|--------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------|-------------------------|--------------|----------------------|
| 1.1    |                                           | <b>Loading and Unloading of Stone Boulder/Stone aggregates/Sand/Kanker/Moorum.</b>                                                                  | cum   |               |                         |              |                      |
|        |                                           | <b>Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip</b> |       |               |                         |              |                      |
|        |                                           | <b>Unit = cum</b>                                                                                                                                   |       |               |                         |              |                      |
|        |                                           | <b>Taking output = 5.5 cum</b>                                                                                                                      |       |               |                         |              |                      |
|        |                                           | <b>Time required for</b>                                                                                                                            |       |               |                         |              |                      |
|        |                                           | i) Positioning of tipper at loading point                                                                                                           |       | 1 Min         |                         |              |                      |
|        |                                           | ii) Loading by front end loader 1 cum bucket capacity @ 25 cum per hour                                                                             |       | 13 Min        |                         |              |                      |
|        |                                           | iii) Maneuvering, reversing, dumping and turning for return                                                                                         |       | 2 Min         |                         |              |                      |
|        |                                           | iv) Waiting time, unforeseen contingencies etc                                                                                                      |       | 4 Min         |                         |              |                      |
|        |                                           | Total                                                                                                                                               |       | <b>20 Min</b> |                         |              |                      |
|        |                                           | <b>a) Machinery</b>                                                                                                                                 |       |               |                         |              |                      |
|        |                                           | Tipper 5.5 tonnes capacity                                                                                                                          | hour  | 0.330         | 826.00                  | 272.58       | <b>P &amp; M 048</b> |
|        |                                           | Front end-loader 1 cum bucket capacity @ 25 cum/hour                                                                                                | hour  | 0.330         | 1124.0                  | 370.92       | <b>P &amp; M 017</b> |
|        |                                           | <b>b) Overhead charges @ 0.1 on (a)</b>                                                                                                             |       |               |                         | <b>64.35</b> |                      |
|        |                                           | <b>c) Contractor's profit @ 0.1 on (a+b)</b>                                                                                                        |       |               |                         | <b>70.79</b> |                      |
|        |                                           | Cost for 5.5 cum = a+b+c                                                                                                                            |       |               |                         | 778.64       |                      |
|        |                                           | <b>Rate per cum = (a+b+c)/ 5.5</b>                                                                                                                  |       |               |                         | 141.57       |                      |
|        | <b>Note Unloading will be by tipping.</b> |                                                                                                                                                     |       | <b>say</b>    | <b><u>Rs.141.60</u></b> |              |                      |
| 1.2    |                                           | <b>Loading and Unloading of Boulders by Manual Means</b>                                                                                            |       |               |                         |              |                      |
|        |                                           | <b>Unit = cum</b>                                                                                                                                   |       |               |                         |              |                      |
|        |                                           | <b>Taking output = 5.5 cum</b>                                                                                                                      |       |               |                         |              |                      |
|        |                                           | <b>a) Labour</b>                                                                                                                                    |       |               |                         |              |                      |
|        |                                           | Mate                                                                                                                                                | day   | 0.110         | 179.00                  | 19.69        | L-12                 |
|        |                                           | Mazdoor for loading and unloading                                                                                                                   | day   | 0.750         | 168.00                  | 126.00       | L-13                 |
|        | <b>b) Machinery</b>                       |                                                                                                                                                     |       |               |                         |              |                      |
|        | Tipper 5.5 tonne capacity                 | hour                                                                                                                                                | 0.750 | 826.00        | 619.50                  |              |                      |

|      |                                                                                   |      |       |        |     |                  |      |
|------|-----------------------------------------------------------------------------------|------|-------|--------|-----|------------------|------|
|      | c) Overhead charges @ 0.1 on (a+b)                                                |      |       |        |     | 76.52            |      |
|      | d) Contractor's profit @ 0.1 on (a+b+c)                                           |      |       |        |     | 84.17            |      |
|      | Cost for 5.5 cum = a+b+c+d                                                        |      |       |        |     | 925.88           |      |
|      | Rate per cum = (a+b+c+d)/5.5                                                      |      |       |        |     | 168.34           |      |
|      |                                                                                   |      |       |        | say | <u>Rs.168.00</u> |      |
| Note | Unloading will be by tipping.                                                     |      |       |        |     |                  |      |
| 1.3  | <b>Loading and Unloading of Cement or Steel by Manual Means and Stacking.</b>     |      |       |        |     |                  |      |
|      | <i>Unit = tonne</i>                                                               |      |       |        |     |                  |      |
|      | <i>Taking output = 10 tonnes</i>                                                  |      |       |        |     |                  |      |
|      | a) Labour                                                                         |      |       |        |     |                  |      |
|      | Mate                                                                              | day  | 0.080 | 179.00 |     | 14.32            | L-12 |
|      | Mazdoor for loading and unloading                                                 | day  | 2.000 | 168.00 |     | 336.00           | L-13 |
|      | b) Machinery                                                                      |      |       |        |     |                  |      |
|      | Truck 10 tonne capacity                                                           | hour | 2.000 | 499.00 |     | 998.00           |      |
|      | c) Overhead charges @ 0.1 on (a+b)                                                |      |       |        |     | 134.83           |      |
|      | d) Contractor's profit @ 0.1 on (a+b+c)                                           |      |       |        |     | 148.32           |      |
|      | Cost for 10 tonnes = a+b+c+d                                                      |      |       |        |     | 1631.47          |      |
|      | Rate per tonnes = (a+b+c+d)/10                                                    |      |       |        |     | 163.15           |      |
|      |                                                                                   |      |       |        | say | <u>Rs.163.00</u> |      |
| 1.4  | <b>Cost of Haulage Excluding Loading and Unloading</b>                            |      |       |        |     |                  |      |
|      | Haulage of materials by tipper excluding cost of loading, unloading and stacking. |      |       |        |     |                  |      |
|      | <i>Unit = t.km</i>                                                                |      |       |        |     |                  |      |
|      | <i>Taking output 10 tonnes load and lead 10 km = 100 t.km</i>                     |      |       |        |     |                  |      |
|      | (i) Surfaced Road                                                                 |      |       |        |     |                  |      |
|      | Speed with load : 25 km / hour.                                                   |      |       |        |     |                  |      |
|      | Speed while Returning empty : 35 km / hour.                                       |      |       |        |     |                  |      |
|      | a) Machinery.                                                                     |      |       |        |     |                  |      |
|      | <b>Tipper 10 tonne capacity</b>                                                   |      |       |        |     |                  |      |
|      | Time taken for onward haulage with load                                           | hour | 0.400 | 826.00 |     | 330.40           |      |
|      | Time taken for empty return trip.                                                 | hour | 0.290 | 826.00 |     | 239.54           |      |
|      | b) Overhead charges @ 0.1 on (a)                                                  |      |       |        |     | 56.99            |      |
|      | c) Contractor's profit @ 0.1 on (a+b)                                             |      |       |        |     | 62.69            |      |
|      | cost for 100 t km = a+b+c                                                         |      |       |        |     | 689.63           |      |
|      | Rate per t.km = (a+b+c)/100                                                       |      |       |        |     | 6.90             |      |

|     |       |                                                                     |      |       |            |                       |                        |
|-----|-------|---------------------------------------------------------------------|------|-------|------------|-----------------------|------------------------|
|     |       |                                                                     |      |       | <b>say</b> | <b><u>Rs.6.90</u></b> |                        |
| 1.4 | (ii)  | <b>Unsurfaced Graveled Road</b>                                     |      |       |            |                       |                        |
|     |       | Speed with load: 20 km / hour                                       |      |       |            |                       |                        |
|     |       | Speed for empty return trip :30 km / hour                           |      |       |            |                       |                        |
|     |       | <b>a) Machinery</b>                                                 |      |       |            |                       |                        |
|     |       | <b>Tipper 10 tonnes capacity</b>                                    |      |       |            |                       |                        |
|     |       | Time taken for onward haulage with load                             | hour | 0.500 | 826.00     | 413.00                |                        |
|     |       | Time taken for empty return trip                                    | hour | 0.330 | 826.00     | 272.58                |                        |
|     |       | <b>b) Overhead charges @ 0.1 on (a)</b>                             |      |       |            | <b>68.56</b>          |                        |
|     |       | <b>c) Contractor's profit @ 0.1 on (a+b)</b>                        |      |       |            | <b>75.41</b>          |                        |
|     |       | Cost for 100 t .km = a+b+c                                          |      |       |            | 829.55                |                        |
|     |       | Rate per t.Km = (a+b+c)/100                                         |      |       |            | 8.30                  |                        |
|     |       |                                                                     |      |       |            | <b>say</b>            | <b><u>Rs.8.30</u></b>  |
| 1.4 | (iii) | <b>Katcha Track and Track in River Bed/Nallah Bed and Choe Bed.</b> |      |       |            |                       |                        |
|     |       | Speed with load :10 km / hour                                       |      |       |            |                       |                        |
|     |       | Speed while returning empty:15 km / hour                            |      |       |            |                       |                        |
|     |       | <b>a) Machinery</b>                                                 |      |       |            |                       |                        |
|     |       | <b>Tipper 10 tonnes capacity</b>                                    |      |       |            |                       |                        |
|     |       | Time taken for onward haulage                                       | hour | 1.000 | 826.00     | 826.00                |                        |
|     |       | Time taken for empty return trip                                    | hour | 0.670 | 826.00     | 553.42                |                        |
|     |       | <b>b) Overhead charges @ 0.1 on (a)</b>                             |      |       |            | <b>137.94</b>         |                        |
|     |       | <b>c) Contractor's profit @ 0.1 on (a+b)</b>                        |      |       |            | <b>151.74</b>         |                        |
|     |       | Cost for 100 t .km = a+b+c                                          |      |       |            | 1669.10               |                        |
|     |       | <b>Rate per t.Km = (a+b+c)/100</b>                                  |      |       |            | 16.69                 |                        |
|     |       |                                                                     |      |       |            | <b>say</b>            | <b><u>Rs.16.70</u></b> |



**CARRIAGE OF MATERIALS( By Tractor )**

| Sr no. | Ref. to M.O.R.T Spec. | Description                                                                                                                                  | Unit                                 | Quantity     | Rate Rs.   | Cost Rs                 | Remarks/ Input ref.     |
|--------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------|------------|-------------------------|-------------------------|
| 1.1    |                       | <b>Loading and Unloading of Stone Boulder/Stone aggregates/Sand/Kanker/Moorum.</b>                                                           | cum                                  |              |            |                         |                         |
|        |                       | Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip |                                      |              |            |                         |                         |
|        |                       | <b>Unit = cum</b>                                                                                                                            |                                      |              |            |                         |                         |
|        |                       | <b>Taking output = 2.25 cum</b>                                                                                                              |                                      |              |            |                         |                         |
|        |                       | <b>Time required for</b>                                                                                                                     |                                      |              |            |                         |                         |
|        |                       | i) Positioning of tipper at loading point                                                                                                    |                                      | 1 Min        |            |                         |                         |
|        |                       | ii) Loading by front end loader 1 cum bucket capacity @ 25 cum per hour                                                                      |                                      | 5 Min        |            |                         |                         |
|        |                       | <b>a) Labour</b>                                                                                                                             |                                      |              |            |                         |                         |
|        |                       | Mate                                                                                                                                         | day                                  | 0.030        | 179.00     | 5.37                    | L-12                    |
|        |                       | Mazdoor for loading and unloading                                                                                                            | day                                  | 0.720        | 168.00     | 120.96                  | L-13                    |
|        |                       | <b>Total</b>                                                                                                                                 |                                      | <b>6 Min</b> |            |                         |                         |
|        |                       | <b>a) Machinery</b>                                                                                                                          |                                      |              |            |                         |                         |
|        |                       | Tractor 3.6 tonnes tonnes capacity                                                                                                           | hour                                 | 0.100        | 409.00     | 40.90                   | <b>P &amp; M 048</b>    |
|        |                       | Front end-loader 1 cum bucket capacity @ 25 cum/hour                                                                                         | hour                                 | 0.083        | 1124.0     | 93.29                   | <b>P &amp; M 017</b>    |
|        |                       | <b>c) Overhead charges @ 0.1 on (a+b)</b>                                                                                                    |                                      |              |            | <b>26.05</b>            |                         |
|        |                       | <b>d)Contractor's profit @ 0.1 on (a+b+c)</b>                                                                                                |                                      |              |            | <b>28.66</b>            |                         |
|        |                       | Cost for 2.25 cum = a+b+c+d                                                                                                                  |                                      |              |            | 315.23                  |                         |
|        |                       | <b>Rate per cum = (a+b+c+d)/2.25</b>                                                                                                         |                                      |              |            | 140.10                  |                         |
|        |                       |                                                                                                                                              |                                      |              |            | <b>say</b>              | <b><u>Rs.140.00</u></b> |
|        |                       | <b>Note</b>                                                                                                                                  | <b>Unloading will be by tipping.</b> |              |            |                         |                         |
| 1.2    |                       | <b>Loading and Unloading of Boulders by Manual Means</b>                                                                                     |                                      |              |            |                         |                         |
|        |                       | <b>Unit = cum</b>                                                                                                                            |                                      |              |            |                         |                         |
|        |                       | <b>Taking output =2.25cum</b>                                                                                                                |                                      |              |            |                         |                         |
|        |                       | <b>a) Labour</b>                                                                                                                             |                                      |              |            |                         |                         |
|        |                       | Mate                                                                                                                                         | day                                  | 0.050        | 179.00     | 8.95                    | L-12                    |
|        |                       | Mazdoor for loading and unloading                                                                                                            | day                                  | 0.310        | 168.00     | 52.08                   | L-13                    |
|        |                       | <b>b) Machinery</b>                                                                                                                          |                                      |              |            |                         |                         |
|        |                       | Tipper 3.6 tonne capacity                                                                                                                    | hour                                 | 0.310        | 409.00     | 126.79                  |                         |
|        |                       | <b>c) Overhead charges @ 0.1 on (a+b)</b>                                                                                                    |                                      |              |            | <b>18.78</b>            |                         |
|        |                       | <b>d)Contractor's profit @ 0.1 on (a+b+c)</b>                                                                                                |                                      |              |            | <b>20.66</b>            |                         |
|        |                       | Cost for 2.25 cum = a+b+c+d                                                                                                                  |                                      |              |            | 227.26                  |                         |
|        |                       | <b>Rate per cum = (a+b+c+d)/2.25</b>                                                                                                         |                                      |              |            | 101.01                  |                         |
|        |                       | <b>Note</b>                                                                                                                                  | <b>Unloading will be by tipping.</b> |              |            |                         |                         |
|        |                       |                                                                                                                                              |                                      |              | <b>say</b> | <b><u>Rs.101.00</u></b> |                         |

|     |                                              |                                                                                          |      |            |                         |              |      |
|-----|----------------------------------------------|------------------------------------------------------------------------------------------|------|------------|-------------------------|--------------|------|
| 1.3 |                                              | <b>Loading and Unloading of Cement or Steel by Manual Means and Stacking.</b>            |      |            |                         |              |      |
|     |                                              | <b>Unit = tonne</b>                                                                      |      |            |                         |              |      |
|     |                                              | <b>Taking output = 3.6 tonnes</b>                                                        |      |            |                         |              |      |
|     |                                              | <b>a) Labour</b>                                                                         |      |            |                         |              |      |
|     |                                              | Mate                                                                                     | day  | 0.030      | 179.00                  | 5.37         | L-12 |
|     |                                              | Mazdoor for loading and unloading                                                        | day  | 0.720      | 168.00                  | 120.96       | L-13 |
|     |                                              | <b>b) Machinery</b>                                                                      |      |            |                         |              |      |
|     |                                              | Tractor of 3.6 tonnes capacity                                                           | hour | 0.720      | 409.00                  | 294.48       |      |
|     |                                              | <b>c) Overhead charges @ 0.1 on (a+b)</b>                                                |      |            |                         | <b>42.08</b> |      |
|     |                                              | <b>d) Contractor's profit @ 0.1 on (a+b+c)</b>                                           |      |            |                         | <b>46.29</b> |      |
|     |                                              | Cost for 10 tonnes = a+b+c+d                                                             |      |            |                         | 509.18       |      |
|     |                                              | <b>Rate per tonnes = (a+b+c+d)/2.25</b>                                                  |      |            |                         | 141.44       |      |
|     |                                              |                                                                                          |      | <b>say</b> | <b><u>Rs.141.00</u></b> |              |      |
| 1.4 |                                              | <b>Cost of Haulage Excluding Loading and Unloading</b>                                   |      |            |                         |              |      |
|     |                                              | <b>Haulage of materials by tipper excluding cost of loading, unloading and stacking.</b> |      |            |                         |              |      |
|     |                                              | <b>Unit = t.km</b>                                                                       |      |            |                         |              |      |
|     |                                              | <b>Taking output 3.6 tonnes load and lead 10 km = 36 t.km</b>                            |      |            |                         |              |      |
|     |                                              | <b>(i) Surfaced Road</b>                                                                 |      |            |                         |              |      |
|     |                                              | Speed with load :15 km / hour.                                                           |      |            |                         |              |      |
|     |                                              | Speed while Returning empty :25 km / hour.                                               |      |            |                         |              |      |
|     |                                              | <b>a) Machinery.</b>                                                                     |      |            |                         |              |      |
|     |                                              | <b>Tractor 3.6 tonne capacity</b>                                                        |      |            |                         |              |      |
|     |                                              | Time taken for onward haulage with load                                                  | hour | 0.667      | 409.00                  | 272.80       |      |
|     |                                              | Time taken for empty return trip.                                                        | hour | 0.400      | 409.00                  | 163.60       |      |
|     |                                              | <b>b) Overhead charges @ 0.1 on (a)</b>                                                  |      |            |                         | <b>43.64</b> |      |
|     |                                              | <b>c) Contractor's profit @ 0.1 on (a+b)</b>                                             |      |            |                         | <b>48.00</b> |      |
|     |                                              | cost for 36 t km = a+b+c                                                                 |      |            |                         | 528.05       |      |
|     |                                              | <b>Rate per t.km = (a+b+c)/36</b>                                                        |      |            |                         | 14.67        |      |
|     |                                              |                                                                                          |      | <b>say</b> | <b><u>Rs.14.70</u></b>  |              |      |
| 1.4 | <b>(ii)</b>                                  | <b>Unsurfaced Graveled Road</b>                                                          |      |            |                         |              |      |
|     |                                              | Speed with load: 12 km / hour                                                            |      |            |                         |              |      |
|     |                                              | Speed for empty return trip :20 km / hour                                                |      |            |                         |              |      |
|     |                                              | <b>a) Machinery</b>                                                                      |      |            |                         |              |      |
|     |                                              | <b>Tractor 3.6 tonne capacity</b>                                                        |      |            |                         |              |      |
|     |                                              | Time taken for onward haulage with load                                                  | hour | 0.833      | 409.00                  | 340.70       |      |
|     |                                              | Time taken for empty return trip                                                         | hour | 0.500      | 409.00                  | 204.50       |      |
|     |                                              | <b>b) Overhead charges @ 0.1 on (a)</b>                                                  |      |            |                         | <b>54.52</b> |      |
|     | <b>c) Contractor's profit @ 0.1 on (a+b)</b> |                                                                                          |      |            | <b>59.97</b>            |              |      |
|     | cost for 36 t km = a+b+c                     |                                                                                          |      |            | 659.69                  |              |      |

|            |              |                                                                     |      |       |            |                        |
|------------|--------------|---------------------------------------------------------------------|------|-------|------------|------------------------|
|            |              | <b>Rate per t.km = (a+b+c)/36</b>                                   |      |       |            | 18.32                  |
|            |              |                                                                     |      |       | <b>say</b> | <b><u>Rs.18.30</u></b> |
| <b>1.4</b> | <b>(iii)</b> | <b>Katcha Track and Track in River Bed/Nallah Bed and Choe Bed.</b> |      |       |            |                        |
|            |              | Speed with load :10 km / hour                                       |      |       |            |                        |
|            |              | Speed while returning empty:15 km / hour                            |      |       |            |                        |
|            |              | <b>a) Machinery</b>                                                 |      |       |            |                        |
|            |              | <b>Tractor 3.6 tonne capacity</b>                                   |      |       |            |                        |
|            |              | Time taken for onward haulage                                       | hour | 1.000 | 409.00     | 409.00                 |
|            |              | Time taken for empty return trip                                    | hour | 0.667 | 409.00     | 272.80                 |
|            |              | <b>b) Overhead charges @ 0.1 on (a)</b>                             |      |       |            | <b>68.18</b>           |
|            |              | <b>c) Contractor's profit @ 0.1 on (a+b)</b>                        |      |       |            | <b>75.00</b>           |
|            |              | cost for 36 t km = a+b+c                                            |      |       |            | 824.98                 |
|            |              | <b>Rate per t.km = (a+b+c)/36</b>                                   |      |       |            | 22.92                  |
|            |              |                                                                     |      |       | <b>say</b> | <b><u>Rs.22.90</u></b> |

Note

वैसे स्थल जहाँ पर Truck एवं Tipper के द्वारा ढुलाई किया जाना संभव नहीं है तथा Tractor से ढुलाई Economical हो केवल वैसे ही स्थलो के लिए Tractor से ढुलाई का प्रावधान किया जाय ।

## **SUB HEAD: 2.0**

## **EARTH WORK**

BUILDING WORK - Contd.

**2.0 Earth work**

| Code No. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                | Unit   | Rate Rs. |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|
| 2.1      | Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including disposal of excavated earth upto 50 m and lift upto 1.5 m disposed soil to be leveled and neatly dressed :                                                                                                                                                                                                  |        |          |
| 2.1.1    | All Kinds of soil                                                                                                                                                                                                                                                                                                                                                                                                                          | 100sqm | 2601.50  |
| 2.2      | Earth work in rough excavation , banking excavated earth in layer not exceeding 20 cm in depth , breaking clods watering , rolling each layer with 1/2 tonne roller or wooden or steel rammers and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up in embankments for roads, flood banks , marginal banks and guide banks or filling up ground depressions. lead upto 50 m and lift upto 1.5 m. |        |          |
| 2.2.1    | All Kinds of soil                                                                                                                                                                                                                                                                                                                                                                                                                          | cum    | 198.40   |
| 2.3      | Banking excavated earth in layers not exceeding 20 cm in depth, breaking clods, watering .rolling each layer with 1/2 tonne roller, or wooden or steel rammers, and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up ; in embankments for roads, flood banks, marginal banks, and guide banks etc . lead upto 50 m and lift upto 1.5 m.                                                          |        |          |
| 2.3.1    | All Kinds of soil                                                                                                                                                                                                                                                                                                                                                                                                                          | cum    | 125.50   |
| 2.4      | Deduct for not rolling with power roller of minimum 8 tonnes for banking excavated earth in layers not exceeding 20 cm in depth.                                                                                                                                                                                                                                                                                                           | cum    | 2.45     |
| 2.5      | Deduct for not watering the excavated earth for banking.                                                                                                                                                                                                                                                                                                                                                                                   | cum    | 25.00    |
| 2.6      | Earth work in excavation over areas ( exceeding 30 cm in depth. 1.5 m in width as well es 10 sqm on plan) including disposal of excavated earth , lead upto 50 m and lift upto 1.5 m; disposed earth to be levelled and neatly dressed.                                                                                                                                                                                                    |        |          |
| 2.6.1    | AH Kinds of soil                                                                                                                                                                                                                                                                                                                                                                                                                           | cum    | 174.50   |
| 2.7      | Earth work in excavation over areas (exceeding 30 cm in depth, 1.5 in width as well as 10 sqm on plan ) including disosal of excavated earth, lead upto 50 m and lift upto 1.5 m , disposed earth to be levelled and neatly dressed :                                                                                                                                                                                                      |        |          |
| 2.7.1    | Ordinary rock                                                                                                                                                                                                                                                                                                                                                                                                                              | cum    | 270.40   |
| 2.7.2    | Hard rock (requiring blasting )                                                                                                                                                                                                                                                                                                                                                                                                            | cum    | 367.20   |
| 2.7.3    | Hard rock (blasting prohibited)                                                                                                                                                                                                                                                                                                                                                                                                            | cum    | 576.70   |

|          |                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |       |        |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--------|
| 2.8      | Earth work in excavation in foundation trenches or drains(not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m . including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.                                                                                                                                         |  |       |        |
| 2.8.1    | All Kinds of soil                                                                                                                                                                                                                                                                                                                                                                                                                           |  | cum   | 178.40 |
| 2.9      | Excavation work in foundation trenches or drains not exceeding 1.5 m in width or 10 sq.m on plan including dressing of sides and ramming of bottoms lift upto 1,5m, including getting cut the excavated soil and disposal of surplus excavated sois as directed, within a lead of 50 m .                                                                                                                                                    |  |       |        |
| 2.9.1    | Ordinary rock                                                                                                                                                                                                                                                                                                                                                                                                                               |  | cum   | 299.30 |
| 2.9.2    | Hard rock (requiring blasting)                                                                                                                                                                                                                                                                                                                                                                                                              |  | cum   | 409.90 |
| 2.9.3    | Hard rock (Blasting Prohibited)                                                                                                                                                                                                                                                                                                                                                                                                             |  | cum   | 595.60 |
| 2.1      | Excavating trenches of required width for pipes cables, etc, including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m including getting out the excavated soil , and then returning the soil as required , in layers not exceeding 20 cm in depth including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed , within a lead of 50 m. |  |       |        |
| 2.10.1   | All kinds of soil.                                                                                                                                                                                                                                                                                                                                                                                                                          |  |       |        |
| 2.10.1.1 | Pipes, cables etc, not exceeding 80 mm dia.                                                                                                                                                                                                                                                                                                                                                                                                 |  | m     | 111.60 |
| 2.10.1.2 | Pipes, cables etc. exceeding 80 mm dia . But not exceeding 300mm dia.                                                                                                                                                                                                                                                                                                                                                                       |  | m     | 182.30 |
| 2.10.1.3 | Pipes , cables etc. exceeding 300m dia.                                                                                                                                                                                                                                                                                                                                                                                                     |  | m     | 284.60 |
| 2.11     | "Extra for excavating trenches for pipes, cables etc.in all kinds of soil for depth exceeding 1.5 m , but not exceeding 3 m.(Rate is over corresponding basic item for depth upto 1.5 meter.)                                                                                                                                                                                                                                               |  | metre | 131.90 |
| 2.12     | *Extra for excavating trenches for pipes, cables etc.in all kinds of soil exceeding 3 m in depth , but not exceeding 4.5 m.(Rate is over corresponding basic item for depth upto 1.5 meater.)                                                                                                                                                                                                                                               |  | m     | 337.90 |
| 2.13.    | Excavating trenches of required width for pipes cables, etc, including excavation for sockets, depth upto 1.5 m including getting out the excavated materials , returning the soil as required in layers not exceeding 20 cm in depth including consolidating each deposited layer by ramming, watering, etc. stacking serviceable material for measurements and disposed ' of unserviceable material as directed, within a lead of 50 m:   |  |       |        |
| 2.13.1   | Ordinary rock :                                                                                                                                                                                                                                                                                                                                                                                                                             |  |       |        |



|          |                                                                                                                                                                                                                |                  |        |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------|
| 2.13.1.1 | Pipes, cables etc. not exceeding 80 mm dia                                                                                                                                                                     | m                | 169.00 |
| 2.13.1.2 | Pipes, cables etc exceeding 80 mm dia but not exceeding 300 mm dia                                                                                                                                             | m length of pipe | 418.50 |
| 2.13.1.3 | Pipes, cables etc exceeding 300 mm dia                                                                                                                                                                         | m length of pipe | 481.70 |
| 2.13.2   | Hard rock (requiring blasting)                                                                                                                                                                                 |                  |        |
| 2.13.2.1 | Pipes, cables etc. not exceeding 80 mm dia.                                                                                                                                                                    | m length of pipe | 223.30 |
| 2.13.2.2 | Pipes, cables etc. exceeding 80 mm dia, but not exceeding 300 mm dia.                                                                                                                                          | m length of pipe | 552.90 |
| 2.13.2.3 | Pipes, cables etc. Exceeding 300 mm dia.                                                                                                                                                                       | m length of pipe | 636.40 |
| 2.13.3   | Hard rock (blasting prohibited)                                                                                                                                                                                |                  |        |
| 2.13.3.1 | Pipe, cables etc. not exceeding 80 mm dia.                                                                                                                                                                     | m length of pipe | 309.10 |
| 2.13.3.2 | Pipes, cables etc. exceeding 80 mm dia. But not exceeding 300 mm dia.                                                                                                                                          | m length of pipe | 765.30 |
| 2.13.3.3 | Pipes, cables etc. exceeding 300 mm dia.                                                                                                                                                                       | m length of pipe | 880.90 |
| 2.14     | Extra for excavating trenches for pipes, cables, etc.in ordinary/hard rock exceeding 1.5 m in depth but not exceeding 3 m.(Rate is over corresponding basic item for depth upto 1.5 metre.)                    | m length of pipe | 102.40 |
| 2.15     | Extra for excavating trenches for pipes, cables, etc.in ordinary/hard rock exceeding 3m in depth but not exceeding 4.5 m. (Rate is over corresponding basic item. For depth upto 1.5 metre.)                   | m length of pipe | 253.00 |
| 2.16     | Close timbering in trenches including strutting. Shoring and packing cavities (wherever required) complete. (Measurements to be taken of the face area timbered):                                              |                  |        |
| 2.16.1   | Depth not exceeding 1.5 m.                                                                                                                                                                                     | sqm              | 105.60 |
| 2.16.2   | Depth exceeding 1.5 m but not exceeding 3 m.                                                                                                                                                                   | sqm              | 108.50 |
| 2.16.3   | Depth exceeding 3m but not exceeding 4.5 m                                                                                                                                                                     | sqm              | 115.20 |
| 2.17     | Close timbering in case of shafts, wells, cesspits, manholes and the like including strutting, shoring and packing cavities (wherever required) complete (Measurements to be taken of the face area timbered): |                  |        |
| 2.17.1   | Depth not exceeding 1.5 m.                                                                                                                                                                                     | sqm              | 107.40 |
| 2.17.2   | Depth exceeding 1.5 m but not exceeding 3 m                                                                                                                                                                    | sqm              | 113.80 |
| 2.17.3   | Depth exceeding 3 m but not exceeding 4.5 m                                                                                                                                                                    | sqm              | 120.40 |
| 2.18     | Close timbering over areas including strutting, shoring and packing, cavities (wherever required) etc. complete (Measurements to be taken of the face area timbered):                                          |                  |        |

|      |                                                                                                                                                                                                           |                                              |     |         |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-----|---------|
|      | 2.18.1                                                                                                                                                                                                    | Depth not exceeding 1.5 m.                   | sqm | 92.90   |
|      | 2.18.2                                                                                                                                                                                                    | Depth exceeding 1.5 m but not exceeding 3 m  | sqm | 96.40   |
|      | 2.18.3                                                                                                                                                                                                    | Depth exceeding 3 m but not exceeding 4.5 m. | sqm | 100.10  |
| 2.19 | Extra for planking, strutting and packing materials for cavities i(in close timbering) if required to be left permanently in position (Face area of timber permanently left to be measured)               |                                              | sqm | 1426.10 |
| 2.20 | Open timbering in trenches including strutting and shoring complete (Measurements to be taken of the face area timbered).                                                                                 |                                              |     |         |
|      | 2.20.1                                                                                                                                                                                                    | Depth not exceeding 1.5 m.                   | sqm | 54.30   |
|      | 2.20.2                                                                                                                                                                                                    | Depth exceeding 1.5 m but not exceeding 3 m  | sqm | 56.20   |
|      | 2.20.3                                                                                                                                                                                                    | Depth exceeding 3 m but not exceeding 4. m.  | sqm | 59.20   |
| 2.21 | Open timbering in case of shafts, wells, cesspits, manholes and the like including strutting and shoring complete (measurements to be taken of the face area timbered):                                   |                                              |     |         |
|      | 2.21.1                                                                                                                                                                                                    | Depth not exceeding 1.5 m                    | sqm | 45.50   |
|      | 2.21.2                                                                                                                                                                                                    | Depth exceeding 1.5 m but not exceeding 3 m  | sqm | 48.50   |
|      | 2.21.3                                                                                                                                                                                                    | Depth exceeding 3 m but not exceeding 4.5 m  | sqm | 52.40   |
| 2.22 | Open timbering over areas including strutting, shoring and use and waste of raking shores, complete (Measurements to be taken of the face area timbered)                                                  |                                              |     |         |
|      | 2.22.1                                                                                                                                                                                                    | Depth not exceeding 1.5                      | sqm | 30.60   |
|      | 2.22.2                                                                                                                                                                                                    | Depth exceeding 1.5 m but not exceeding 3 m  | sqm | 32.60   |
|      | 2.22.3                                                                                                                                                                                                    | Depth exceeding 3 m but not exceeding 4.5 m  | sqm | 35.80   |
| 2.23 | Extra for planking and strutting in open timbering if required to be left permanently in position (face area of the timber permanently left to be measured).                                              |                                              | sqm | 733.60  |
| 2.25 | Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.                                                                                                   |                                              | Kl  | 56.30   |
| 2.26 | Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth: consolidating each deposited layer by ramming and watering lead |                                              | cum | 57.80   |
| 2.27 | Extra for every additional lift of 1.5 m or part thereof in :                                                                                                                                             |                                              |     |         |

|      |                                                                                                                                                                                                                                                                                                                      |                                                     |        |         |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|--------|---------|
|      | 2.27.1                                                                                                                                                                                                                                                                                                               | Ali kinds of soil.                                  | cum    | 23.80   |
|      | 2.27.2                                                                                                                                                                                                                                                                                                               | Ordinary or hard rock                               | cum    | 42.70   |
| 2.28 | Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.                                                                                                                                                                                   |                                                     | cum    | 186.30  |
| 2.29 | Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m                                                                                                                                                   |                                                     |        |         |
|      | 2.29.1                                                                                                                                                                                                                                                                                                               | All kinds of soil.                                  | 100sqm | 642.50  |
| 2,30 | Ploughing the existing ground to a depth of 15 cm to 25 cm and watering the same:                                                                                                                                                                                                                                    |                                                     |        |         |
|      | 2.30.1                                                                                                                                                                                                                                                                                                               | All kinds of <b>soil</b> .                          | 100sqm | 650.50  |
| 2.31 | Excavating holes upto 0.5 cum including getting out the excavated soil, then returning the soil as required in layer not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering etc, disposing of surplus excavated soil; as directed within a lead of 50 m and lift upto 1.5m: |                                                     |        |         |
|      | 2.31.1                                                                                                                                                                                                                                                                                                               | All kinds of soil.                                  | hole   | 90.30   |
|      | 2.31.3                                                                                                                                                                                                                                                                                                               | Ordinary rock                                       | hole   | 151.30  |
|      | 2.31.4                                                                                                                                                                                                                                                                                                               | Hard rock(requiring blasting)                       | hole   | 206.20  |
|      | 2.31.5                                                                                                                                                                                                                                                                                                               | Hard rock (blasting prohibited)                     | hole   | 299.10  |
| 2.32 | Clearing jungle including uprooting of rank vegetation ,grass, brush wood, trees and saplings of girth upto 30 cm measured at a height of 1 m above ground level and removal of rubbish upto a distance of 50 m outside the periphery of the area cleared.                                                           |                                                     | 100sqm | 331.10  |
| 2.33 | Clearing grass and removal of the rubbish upto a distance of 50 m outside the periphery of the area cleared.                                                                                                                                                                                                         |                                                     | 100sqm | 168.80  |
| 2.34 | Felling trees of the girth (measured at a height of 1 m above ground level) including cutting of trunks and branches removing the roots and stacking of serviceable material and disposal of unserviceable material:                                                                                                 |                                                     |        |         |
|      | 2.34.1                                                                                                                                                                                                                                                                                                               | Beyond 30cm girth upto and including 60 cm girth    | tree   | 100.50  |
|      | 2.34.2                                                                                                                                                                                                                                                                                                               | Beyond 60 cm girth upto and including 120 cm girth  | tree   | 447.40  |
|      | 2.34.3                                                                                                                                                                                                                                                                                                               | Beyond 120 cm girth upto and including 240 cm girth | tree   | 2075.20 |
|      | <b>2.34.4</b>                                                                                                                                                                                                                                                                                                        | Above 240 cm girth                                  | tree   | 4158.10 |

|                 |                                                                                                                                                                                                                                                  |  |          |        |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------|--------|
| 2.35            | Supplying chemical emulsion in sealed containers including delivery as specified.                                                                                                                                                                |  |          |        |
| 2.35.1          | Chlorpyriphos/Lindone emulsifiable concentrate of 20%                                                                                                                                                                                            |  | litre    | 199.90 |
| 2.37.           | Diluting and injecting chemical emulsion for POSTCONSTRUCTIONAL anti-termites' treatment(including the cost of chemical emulsion)                                                                                                                |  |          |        |
| 2.37.1          | Along external wall where the apron is not provided using chemical emulsion @ 7.5 liters / sqm of the vertical surface of the substructure to a depth of 300 mm including excavation channel along the wall & rodding etc. complete:             |  |          |        |
| 2.37.1.1        | With chlorpyriphos/Lindone E.C. 20% with 1% concentration                                                                                                                                                                                        |  | m        | 30.00  |
| 2.37.2          | Along the external wall below concrete or masonry apron using chemical emulsion @ 2.55 litres per linear metre including drilling and plugging holes etc.                                                                                        |  |          |        |
| <b>2.37.2.1</b> | With chlorpyriphos E.C. 20% with 1% concentration                                                                                                                                                                                                |  | m        | 33.00  |
| 2.37.3          | Treatment of soil under existing floors using chemical emulsion @ one litre per hole, 300 mm apart including drilling and plugging 12 mm diameter holes with cement mortar 1:2 (1 cement: 2 coarse sand) to match the existing floor.            |  |          |        |
| 2.37.3.1        | With Chlorpyriphos EC 20% with 1% concentration                                                                                                                                                                                                  |  | sqm      | 170.90 |
| 2.37.4          | Treatment of existing masonry using chemical emulsion @ one litre per hole at 300 mm interval including drilling holes at 45 degree and plugging them with cement mortar 1:2(1 cement:2 coarse sand) to the full depth of the hole.              |  |          |        |
| 2.37.4.1        | With chlorpyriphos EC 20% with 1% concentration                                                                                                                                                                                                  |  | m        | 42.40  |
| <b>2.37.5</b>   | Treatment at points of contact of wood work by chemical emulsion chlordane. (in oil or kerosene based solution) @ 0.5 litres per hole by drilling 6 mm dia holes at downward angle of 45 degree at 150 mm centre to centre and sealing the same. |  | <b>m</b> | 165.10 |

**SUB HEAD: 3.0**  
**MORTARS**

**BUILDING WORK - Contd.**

| <b><u>3.0 Mortars</u></b> |                                                                |             |                 |
|---------------------------|----------------------------------------------------------------|-------------|-----------------|
| <b>Code No.</b>           | <b>Description</b>                                             | <b>Unit</b> | <b>Rate Rs.</b> |
| <b>2103</b>               | Lime mortar 1:1:1 (1 lime putty:1Surkhi:1 coarse sand)         | cum         | <b>2085.80</b>  |
| <b>2144</b>               | Lime mortar 1:1:2(1 lime putty:1 surkhi:2coarse sand)          | cum         | <b>1677.20</b>  |
| <b>2104</b>               | Lime mortar 1:2(1 lime putty:2 surkhi)                         | cum         | <b>2803.90</b>  |
| <b>2145</b>               | Lime mortar 1:3(1 lime putty:3 surkhi)                         | cum         | <b>2753.70</b>  |
| <b>2146</b>               | Lime mortar 1:3(1 lime putty :3 coarse sand)                   | cum         | <b>1138.90</b>  |
| <b>2111</b>               | Cement mortar 1:2 (1 cement :2 coarse sand )                   | cum         | <b>3922.80</b>  |
| <b>2112</b>               | Cement mortar 1:3(1 cement:3 coarse sand)                      | cum         | <b>3033.90</b>  |
| <b>2113</b>               | Cement mortar 1:4(1 cement:4 coarse sand)                      | cum         | <b>2341.30</b>  |
| <b>2114</b>               | Cement mortar1:5(1 cement:5 coarse sand)                       | cum         | <b>1968.30</b>  |
| <b>2115</b>               | Cement mortar 1:6(1 cement:6 coarse sand)                      | cum         | <b>1648.60</b>  |
| <b>2128</b>               | White cement mortar 1:2 (1 White cement :2 marble dust)        | cum         | <b>9966.50</b>  |
| <b>2125</b>               | Cement lime mortar 1:1:3(1 cement :1 lime putty:3 coarse sand) | cum         | <b>3165.30</b>  |
| <b>2126</b>               | Cement lime mortar 1:1:6 (1 cement:1 lime putty:6 coarse sand) | cum         | <b>2126.40</b>  |



**SUB HEAD: 4.0**  
**CONCRETE WORK**

BUILDING WORK - Contd.

**4.0 Concrete work**

| <b>Code No.</b> | <b>Description</b>                                                                                                                                                                                                                                                                                                                                                        | <b>Unit</b> | <b>Rate Rs.</b> |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|
| 4.5             | Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering-all work up to plinth level.                                                                                                                                                                                                                            |             |                 |
| 4.5.1           | 1:1:2 ( 1 cement: 1 coarse sand:2 graded stone aggregate 20 mm nominal size)                                                                                                                                                                                                                                                                                              | <b>cum</b>  | <b>5024.30</b>  |
| 4.5.2           | 1:1.5:3(1 Cement :1.5 coarse sand:3 graded stone aggregate 20 mm nominal size)                                                                                                                                                                                                                                                                                            | <b>cum</b>  | <b>3736.30</b>  |
| 4.5.3           | 1:2:4(1 Cement: 2 coarse sand:4 graded stone aggregate 20 mm nominal size)                                                                                                                                                                                                                                                                                                | <b>cum</b>  | <b>3270.00</b>  |
| 4.5.4           | 1:2:4 (1 Cement: 2 coarse sand : 4 graded stone aggregate 40 mm nominal size)                                                                                                                                                                                                                                                                                             | <b>cum</b>  | <b>3168.10</b>  |
| 4.5.5           | 1:3:6 (1 Cement: 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)                                                                                                                                                                                                                                                                                             | <b>cum</b>  | <b>2688.70</b>  |
| 4.5.6           | 1:3:6 (1 Cement; 3 coarse sand :6 graded stone aggregate 40 mm nominal size)                                                                                                                                                                                                                                                                                              | <b>cum</b>  | <b>2554.60</b>  |
| 4.5.8           | 1.4.8 (1 Cement :4 coarse sand :8 graded stone aggregate 40 mm nominal size)                                                                                                                                                                                                                                                                                              | <b>cum</b>  | <b>2245.10</b>  |
| 4.5.10          | 1:5:10(1 Cement :5 coarse sand:10 graded stone aggregate 40 mm nominal size)                                                                                                                                                                                                                                                                                              | <b>cum</b>  | <b>1997.60</b>  |
| 4.6             | Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters,columns,piers,abutments,pillars,post.struts,buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plin window sills, fillets etc. up to floor five level excluding the cost of centring, shuttering and finishing: |             |                 |
| 4.6.1           | 1:1:2 (1 Cement:1 coarse sand : 2 graded stone aggregate 20 mm nominal size)                                                                                                                                                                                                                                                                                              | <b>cum</b>  | <b>5333.60</b>  |
| 4.6.2           | 1:1.5:3(1 Cement: 1:5 coarse sand : 3 graded stone aggregate 20 mm nominal size)                                                                                                                                                                                                                                                                                          | <b>cum</b>  | <b>4039.20</b>  |
| 4.6.3           | 1:2:4 (1 Cement :2 coarse sand :4 graded stone aggregate 20 mm nominal size)                                                                                                                                                                                                                                                                                              | <b>cum</b>  | <b>3569.00</b>  |
| 4.6.4           | 1:2:4(1 Cement :2 coarse sand :4 graded stone aggregate 40 mm nominal size)                                                                                                                                                                                                                                                                                               | <b>cum</b>  | <b>3467.20</b>  |
| 4.6.5           | 1:3:6 (1 Cement: 3 coarse sand: 6 graded stone aggregate 20 mm nominal size)                                                                                                                                                                                                                                                                                              | <b>cum</b>  | <b>2987.80</b>  |

|        |                                                                                                                                                                                                                                                       |                         |                |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------|
| 4.6.6  | 1:3:6 (1 Cement :3 coarse sand:6 graded stone aggregate 40 mm nominal size)                                                                                                                                                                           | <b>cum</b>              | <b>2853.60</b> |
| 4.9    | Centring and shuttering including strutting, propping etc. and removal or form work for                                                                                                                                                               |                         |                |
| 4.9.1  | Foundations, footings, bases Columns                                                                                                                                                                                                                  | <b>sqm</b>              | <b>137.80</b>  |
| 4.9.2  | Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets etc.                                                                                                                 | <b>sqm</b>              | <b>223.80</b>  |
| 4.9.3  | Columns, piers. Abutments, pillars, posts and struts                                                                                                                                                                                                  | <b>sqm</b>              | <b>283.30</b>  |
| 4.10   | Providing and faying cement concrete in kerbs, steps and the like at or near ground level excluding the cost of centring, shuttering and finishing.                                                                                                   |                         |                |
| 4.10.1 | 1:2:4 (1 Cement :2 coarse sand :4 grade stone aggregate 20 mm nominal size)                                                                                                                                                                           | <b>cum</b>              | <b>3270.00</b> |
| 4.10.2 | 1:3:6 (1 Cement:3 coarse sand:6 graded stone aggregate 20 mm nominal size)                                                                                                                                                                            | <b>cum</b>              | <b>2688.70</b> |
| 4.25   | Providing and laying damp-proof Course 50 mm thick with cement concrete 1:2:4(1cement:2:2 coarse sand :4 graded stone aggregate 20mm nominal size)                                                                                                    | <b>sqm</b>              | <b>211.00</b>  |
| 4.26   | Extra for providing and mixing water prodding material in cement concrete work in the proportion recommended by the manufacturers.                                                                                                                    | <b>per 50 kg cement</b> | <b>33.86</b>   |
| 4.27   | Applying a coat of residual petroleum bitumen of penetration 80/100 of approved quality using 1.7 kg. per square metre on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil. | <b>sqm</b>              | <b>96.10</b>   |
| 4.28   | Extra for concrete work in superstructure above floor V level for each four floors of part thereof.                                                                                                                                                   | <b>cum</b>              | <b>295.60</b>  |
| 4.29   | Extra for laying concrete in or under water and/or liquid mud including cost of pumping or bailing out water and removing slush etc. complete                                                                                                         | <b>cum</b>              | <b>65.70</b>   |
| 4.3    | Extra for laying concrete in or under foul positions.                                                                                                                                                                                                 | <b>cum</b>              | <b>88.90</b>   |

|      |                                                                                                                                                                                                                                                         |            |              |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------|
| 4.31 | Extra for using 12.5/10 mm nominal size graded/single size stone aggregate instead of 20 mm nominal size graded stone aggregate in cement concrete/reinforced cement concrete 1:2:4(1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size) | <b>cum</b> | <b>49.80</b> |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------|

**SUB HEAD: 5.0**  
**REINFORCED CEMENT CONCRETE**

| <b>BUILDING WORK - Contd.</b>                |                                                                                                                                                                                                                                                                                                                                                                                      |             |                 |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|
| <b><u>5-0 Rainforced cement concrete</u></b> |                                                                                                                                                                                                                                                                                                                                                                                      |             |                 |
| <b>Code No.</b>                              | <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                   | <b>Unit</b> | <b>Rate Rs.</b> |
| <b>5.1</b>                                   | Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering ,finishing and reinforcement-All work up to plinth level                                                                                                                                                                                                   |             |                 |
| <b>5.1.1</b>                                 | 1:1:2 (1 cement:1 coarse sand:2 graded stone aggregate 20mm nominal size)                                                                                                                                                                                                                                                                                                            | <b>cum</b>  | <b>5145.40</b>  |
| <b>5.1.2</b>                                 | 1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20 mm nominal size)                                                                                                                                                                                                                                                                                                       | <b>cum</b>  | <b>3851.00</b>  |
| <b>5.1.3</b>                                 | 1:2:4 (1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size)                                                                                                                                                                                                                                                                                                           | <b>cum</b>  | <b>3380.80</b>  |
| <b>5.2</b>                                   | Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. up to floor five level excluding cost of centring, shuttering, finishing and reinforcement.                                                                                        |             |                 |
| <b>5.2.1</b>                                 | 1:1:2 (1 cement: 1 coarse sand: 2 graded stone aggregate 20 mm nominal size)                                                                                                                                                                                                                                                                                                         | <b>cum</b>  | <b>5567.10</b>  |
| <b>5.2.2</b>                                 | 1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)                                                                                                                                                                                                                                                                                                        | <b>cum</b>  | <b>3903.40</b>  |
| <b>5.2.3</b>                                 | 1:2:4(1 cement :2 coarse sand:4 graded stone aggregate 20 mm nominal size)                                                                                                                                                                                                                                                                                                           | <b>cum</b>  | <b>3433.30</b>  |
| <b>5.3</b>                                   | Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centring, shuttering, finishing and reinforcement with 1:2:4(1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size). | <b>cum</b>  | <b>3771.22</b>  |
| <b>5.9</b>                                   | Providing and laying up to floor five level reinforced cement concrete in kerbs, steps and the like excluding the cost of centring, shuttering, finishing and reinforcement with 1:2:4(1 cement:2 coarse sand:4 graded stone aggregate 20mm nominal size).                                                                                                                           | <b>cum</b>  | <b>3552.60</b>  |



|                |                                                                                                                                                                                                                                                                                                             |            |                |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|
| <b>5.10</b>    | Reinforced cement concrete work in arches, arch ribs, domes, vaults, shells, folded plate and roofs having slope more than 15 up to floor five level excluding the cost of centring. Shuttering. Finishing and reinforcement with 1:2:4(1 cement:2 coarse sand :4 graded stone aggregate 20mm nominal size) | <b>cum</b> | <b>3624.90</b> |
| <b>5.11</b>    | Reinforced cement concrete work in chimneys shafts, up to floor five level excluding the cost of centring, shuttering, finishing and reinforcement with 1:2:4(1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size)                                                                           | <b>cum</b> | <b>3484.44</b> |
| <b>5.12</b>    | Reinforced cement concrete work in well-seining excluding the cost of centring, shuttering, finishing and reinforcement with 1:2:4 (1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size)                                                                                                     | <b>cum</b> | <b>3285.70</b> |
| <b>5.13</b>    | Reinforced cement concrete work in Vertical and Horizontal fins individually or forming box louvers, facias and eaves boards up to floor five level excluding the cost of centring, shuttering, finishing and reinforcement with 1:2:4 (1 cement:2coarse sand :4 graded stone aggregate 20mm nominal size)  | <b>cum</b> | <b>3608.50</b> |
| <b>5.14</b>    | Centring and shuttering including strutting, propping etc. and removal of form for.                                                                                                                                                                                                                         |            |                |
| <b>5.14.1</b>  | Foundations, footings, bases of columns etc. for mass concrete.                                                                                                                                                                                                                                             | <b>sqm</b> | <b>137.78</b>  |
| <b>5.14.2</b>  | Walls (any thickness) including attached pilasters. Buttresses, plinth and string courses etc.                                                                                                                                                                                                              | <b>sqm</b> | <b>223.80</b>  |
| <b>5.14.3</b>  | Suspended floors, roots, landings, balconies and access platform.                                                                                                                                                                                                                                           | <b>sqm</b> | <b>229.80</b>  |
| <b>5.14.4</b>  | Shelves (Cost in situ)                                                                                                                                                                                                                                                                                      | <b>sqm</b> | <b>229.90</b>  |
| <b>5.14.5</b>  | Lintels, beams, plinth beams, girders, ressumers and cantilevers.                                                                                                                                                                                                                                           | <b>sqm</b> | <b>195.60</b>  |
| <b>5.14.6</b>  | Columns, Pillars, Piers, Abutments, Posts and Struts                                                                                                                                                                                                                                                        | <b>sqm</b> | <b>283.30</b>  |
| <b>5.14.7</b>  | Stairs,(excluding landings) except spiral-staircases.                                                                                                                                                                                                                                                       | <b>sqm</b> | <b>296.10</b>  |
| <b>5.14.8</b>  | Spiral staircases (including landing)                                                                                                                                                                                                                                                                       | <b>sqm</b> | <b>239.70</b>  |
| <b>5.14.9</b>  | Arches, domes, vaults up to 6m span                                                                                                                                                                                                                                                                         | <b>sqm</b> | <b>735.10</b>  |
| <b>5.14.10</b> | Extra for arches, domes, vaults exceeding 6 m span                                                                                                                                                                                                                                                          | <b>sqm</b> | <b>173.30</b>  |
| <b>5.14.11</b> | Chimneys and shafts                                                                                                                                                                                                                                                                                         | <b>sqm</b> | <b>223.80</b>  |
| <b>5.14.12</b> | Well steining                                                                                                                                                                                                                                                                                               | <b>sqm</b> | <b>477.10</b>  |
| <b>5.14.13</b> | Vertical and horizontal fins individually or forming box louvers band, facias and eaves boards                                                                                                                                                                                                              | <b>sqm</b> | <b>292.00</b>  |
| <b>5.14.14</b> | Extra for shuttering in circular work (20% of respective centring and shuttering items)                                                                                                                                                                                                                     |            |                |

|                  |                                                                                                                                                                                                                                                                                                                         |             |               |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|
| <b>5.14.16</b>   | Small lintels not exceeding 1.5 m clear span, mouldings as in cornices, window sills, string, courses, bands, copings, bed plates, anchor blocks and the like.                                                                                                                                                          | <b>sqm</b>  | <b>152.10</b> |
| <b>5.14.17</b>   | Edges of slabs and breaks in floors and walls-                                                                                                                                                                                                                                                                          |             |               |
| <b>5.14.17.1</b> | Under 20 cms wide                                                                                                                                                                                                                                                                                                       | <b>m</b>    | <b>76.60</b>  |
| <b>5.14.17.2</b> | Above 20cm wide                                                                                                                                                                                                                                                                                                         | <b>sqm</b>  | <b>364.90</b> |
| <b>5.14.18</b>   | Cornices and mouldings                                                                                                                                                                                                                                                                                                  | <b>sqm</b>  | <b>420.30</b> |
| <b>5.14.19</b>   | Small surfaces such as cantilever ends, brackets and ends of steps, caps and bases to pilasters and columns and the like                                                                                                                                                                                                | <b>sqm</b>  | <b>342.10</b> |
| <b>5.14.20</b>   | Weather shade, Chajjas, corbels etc. including edges                                                                                                                                                                                                                                                                    | <b>sqm</b>  | <b>355.20</b> |
| <b>5.15</b>      | Providing and fixing tie bolt, spring coil and plastic cone in wall shuttering complete as per the direction of engineer-in charge                                                                                                                                                                                      |             |               |
| <b>5.15.1</b>    | 12 mm dia & 100 mm length                                                                                                                                                                                                                                                                                               | <b>sets</b> | <b>133.60</b> |
| <b>5.15.2</b>    | 12 mm dia & 150 mm length                                                                                                                                                                                                                                                                                               | <b>sets</b> | <b>148.60</b> |
| <b>5.15.3</b>    | 20 mm dia & 150mm length                                                                                                                                                                                                                                                                                                | <b>sets</b> | <b>153.00</b> |
| <b>5.15.4</b>    | 20 mm dia & 225 mm length                                                                                                                                                                                                                                                                                               | <b>sets</b> | <b>170.60</b> |
| <b>5.16</b>      | Extra for additional height in centring, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and de centring at all levels over a height of 3.5 m ,for every additional height of 1 metre or part thereof (Plan area to be measured)                                    |             |               |
| <b>5.16.1</b>    | Suspended floors, roots, landing, beams and balconies (Plan area to be measured)                                                                                                                                                                                                                                        | <b>sqm</b>  | <b>89.00</b>  |
| <b>5.25</b>      | Providing, precast cement concrete Jali 1:2:4(1 cement:2 coarse sand:4 stone aggregate 6mm nominal size) reinforced with 1.6 mm dia mild steel wire including roughening cleaning, fixing and finishing in cement mortar 1:3 (1 cement:3 fine sand) etc. Complete excluding plastering of the jambs, sills and soffits. |             |               |
| <b>5.25.1</b>    | 50 mm thick                                                                                                                                                                                                                                                                                                             | <b>sqm</b>  | <b>510.90</b> |
| <b>5.25.2</b>    | 40 mm thick                                                                                                                                                                                                                                                                                                             | <b>sqm</b>  | <b>443.80</b> |
| <b>5.25.3</b>    | 2b mm thick                                                                                                                                                                                                                                                                                                             | <b>cum</b>  | <b>400.07</b> |
| <b>5.28</b>      | Extra for providing and fixing expanded metal mesh of size 20x60mm and strands 3.25 mm wide 1:6 mm thick weighing 3.64 kg. er sqm for encasing of rolled steel sections in beams, columns and grillages excluding cost of hangers                                                                                       | <b>sqm</b>  | <b>367.79</b> |
| <b>5.29</b>      | Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.                                                                                                                                                                                                  |             |               |
| <b>5.29.1</b>    | Mild steel 6.00 mm dia                                                                                                                                                                                                                                                                                                  | <b>kg</b>   | <b>63.40</b>  |
| <b>5.29.1A</b>   | Mild steel 5.5 mm dia                                                                                                                                                                                                                                                                                                   | <b>kg</b>   | <b>63.60</b>  |
| <b>5.29.1 B</b>  | Mild steel 6.0 mm dia                                                                                                                                                                                                                                                                                                   | <b>kg</b>   | <b>63.40</b>  |

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                  |                         |               |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------|
| <b>5.29.1C</b>  | Mild steel 6.5 mm dia                                                                                                                                                                                                                                                                                                                                                                                                            | <b>kg</b>               | <b>63.20</b>  |
| <b>5.29.1D</b>  | Mild steel 7.0 mm dia                                                                                                                                                                                                                                                                                                                                                                                                            | <b>kg</b>               | <b>63.00</b>  |
| <b>5.29.1E</b>  | Mild steel 8.0 mm dia                                                                                                                                                                                                                                                                                                                                                                                                            | <b>kg</b>               | <b>62.80</b>  |
| <b>5.29.1F</b>  | Mild steel 10.0 mm dia                                                                                                                                                                                                                                                                                                                                                                                                           | <b>kg</b>               | <b>63.60</b>  |
| <b>5.29.1 G</b> | Mild steel 12.0/12.7 mm dia                                                                                                                                                                                                                                                                                                                                                                                                      | <b>kg</b>               | <b>63.60</b>  |
| <b>5.29.7</b>   | Thermo-Mechanically Treated bars (FE-500) 20mm dia.                                                                                                                                                                                                                                                                                                                                                                              | <b>kg</b>               | <b>65.50</b>  |
| <b>5.29.7A</b>  | Thermo-Mechanically Treated bars TMTC-500-8mm dia.                                                                                                                                                                                                                                                                                                                                                                               | <b>kg</b>               | <b>67.00</b>  |
| <b>5.29.7B</b>  | Thermo-Mechanically Treated bars TMTC-500-10mm dia.                                                                                                                                                                                                                                                                                                                                                                              | <b>kg</b>               | <b>65.70</b>  |
| <b>5.29.7C</b>  | Thermo-Mechanically Treated bars TMTC-500-12mm dia.                                                                                                                                                                                                                                                                                                                                                                              | <b>kg</b>               | <b>65.10</b>  |
| <b>5.29.7D</b>  | Thermo-Mechanically Treated bars TMT Fe-500-16mm dia.                                                                                                                                                                                                                                                                                                                                                                            | <b>kg</b>               | <b>65.70</b>  |
| <b>5.29.7E</b>  | Thermo-Mechanically Treated bars TMT Fe-500-20mm dia.                                                                                                                                                                                                                                                                                                                                                                            | <b>kg</b>               | <b>65.50</b>  |
| <b>5.29.7F</b>  | Thermo-Mechanically Treated bars TMT Fe-500-25mm dia.                                                                                                                                                                                                                                                                                                                                                                            | <b>kg</b>               | <b>65.50</b>  |
| <b>5.29.7G</b>  | Thermo-Mechanically Treated bars TMT Fe-500-28mm dia.                                                                                                                                                                                                                                                                                                                                                                            | <b>kg</b>               | <b>65.50</b>  |
| <b>5.29.7H</b>  | Thermo-Mechanically Treated bars TMT Fe-500-32mm dia.                                                                                                                                                                                                                                                                                                                                                                            | <b>kg</b>               | <b>65.50</b>  |
| <b>5.30</b>     | Extra for RCC work in superstructure above floor V level for each four floors or part thereof.                                                                                                                                                                                                                                                                                                                                   | <b>cum</b>              | <b>295.60</b> |
| <b>5.32</b>     | Extra for rendering smooth the top of suspended floors, landings and staircases (treads and risers) with cement mortar 1:2(1 cement:2 coarse sand) including a floating coat of neat cement and protecting the surface with a layer of 7.5cm of earth laid over 15 mm of fine sand in case of suspended floor and bricks laid in mud mortar in case of landings and steps including subsequent removal and cleaning of the same. | <b>sqm</b>              | <b>47.70</b>  |
| <b>5.33</b>     | Providing and fixing in position copper plate as per design for expansion joints.                                                                                                                                                                                                                                                                                                                                                | <b>kg</b>               | <b>343.40</b> |
| <b>5.34</b>     | Providing and filling in position, blown bitumen in expansion joints.                                                                                                                                                                                                                                                                                                                                                            | <b>100mLx1cmWx1cmD</b>  | <b>546.80</b> |
| <b>5.35</b>     | Providing and filling in position bitumen mix filler of Proportion 80 kg of hot bitumen, 1 kg, of cement and 0.25 cubic metre of coarse sand for expansion joints,                                                                                                                                                                                                                                                               | <b>100ml_x1cmWx1cmD</b> | <b>118.66</b> |
| <b>5.36</b>     | Providing and fixing in position 12 mm thick bitumen imregnated fibre board conforming to IS: 1838 including cost of primer, sealing compound in expansion joints.                                                                                                                                                                                                                                                               | <b>100mLx1cmD</b>       | <b>451.50</b> |
| <b>5.37</b>     | Providing and fixing sheet covering over expansion joints with iron screws as per design to match the colour/shade of wall treatment,                                                                                                                                                                                                                                                                                            |                         |               |
| <b>5.37.1</b>   | Asbestos sheet 6 mm thick                                                                                                                                                                                                                                                                                                                                                                                                        |                         |               |

|                 |                                                                                                                                                                                                                                                                                                      |            |                |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|
| <b>5.37.1.1</b> | 150 mm wide                                                                                                                                                                                                                                                                                          | <b>m</b>   | <b>66.80</b>   |
| <b>5.37.1.2</b> | 200mm wide                                                                                                                                                                                                                                                                                           | <b>m</b>   | <b>89.80</b>   |
| <b>5.37.2</b>   | Aluminium fluted strips 3.15 mm thick                                                                                                                                                                                                                                                                |            |                |
| <b>5.37.2.1</b> | 150 mm wide.                                                                                                                                                                                                                                                                                         | <b>m</b>   | <b>318.30</b>  |
| <b>5.37.2.2</b> | 200 mm wide                                                                                                                                                                                                                                                                                          | <b>m</b>   | <b>328.40</b>  |
| <b>5.38</b>     | Add for plaster drip course/groove in plastered surface or moulding to R.C.C. projections.                                                                                                                                                                                                           | <b>m</b>   | <b>15.60</b>   |
| <b>5.40</b>     | Extra for laying reinforced cement concrete in or under water and/or liquid mud including cost of pumping or bailing out water and removing slush etc. complete.(Rate same as per item No, 4.29)                                                                                                     | <b>cum</b> | <b>72.00</b>   |
| <b>5.42</b>     | Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete structural elements, excluding the cost of centring, shuttering finishing and reinforcement, M-20 grade reinforced cement concrete |            |                |
| <b>5.42.1</b>   | All work upto plinth level                                                                                                                                                                                                                                                                           | <b>cum</b> | <b>3875.40</b> |
| <b>5.42.2</b>   | All works above plinth level upto floor V level                                                                                                                                                                                                                                                      |            |                |
| <b>5.42.2.1</b> | Walls columns, pillars, posts and struts                                                                                                                                                                                                                                                             | <b>cum</b> | <b>4120.00</b> |
| <b>5.42.2.2</b> | Beams, plinth beams, girders, bressumers, cantilevers, Suspended floors lintels roofs and staircases including spiral staircases, shelves etc.                                                                                                                                                       | <b>cum</b> | <b>4312.40</b> |
| <b>5.43</b>     | Extra for R.C.C work above floor V level for each four floors or part thereof.                                                                                                                                                                                                                       | <b>cum</b> | <b>295.60</b>  |
| <b>5.44</b>     | Add or deduct for providing richer or leaner mixes respectively at all floor levels.                                                                                                                                                                                                                 |            |                |
| <b>5.44.1</b>   | Providing M-25 grade R.C.C. instead of M-20 grade R.C.C.                                                                                                                                                                                                                                             | <b>cum</b> | <b>167.10</b>  |
| <b>5.44.2</b>   | Providing M-30 grade R.C.C. instead of M-20 grade R.C.C.                                                                                                                                                                                                                                             | <b>cum</b> | <b>229.00</b>  |
| <b>5.44.3</b>   | Providing M-35 grade R.C.C. instead of M-20 grade R.C.C.                                                                                                                                                                                                                                             | <b>cum</b> | <b>278.50</b>  |
| <b>5.44.4</b>   | Providing M-15grade R.C.C. instead of M-20 grade R.C.C.                                                                                                                                                                                                                                              | <b>cum</b> | <b>389.90</b>  |

|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                |                |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|
| 5.45 :   | Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centring, shuttering, finishing and including retard setting of concrete, improve workability without impairing strength and admixtures in recommended proportions as per IS: 9103 to accelerate, reinforcement, durability as per direction of Engineer-in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately.                                                                                                    |                |                |
| 5.45.1   | All works up to plinth level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>cum</b>     | <b>4004.40</b> |
| 5.45.2   | All work above Plinth level upto floor V Level.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>cum</b>     | <b>4374.90</b> |
| 5.46     | Add or deduct for providing richer or leaner mixes respectively at all floor levels.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |                |
| 5.46.1 : | Providing M-30 grade concrete by using 340kg /m3 of Cement per cum of concrete instead of M-25 grade B.M.C./RMC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>cum</b>     | <b>66.5</b>    |
| 5.46.2 : | Providing M-35 grade concrete by using 350kg /m3 of Cement per cum of concrete instead of M-25 grade B.M.C./RMC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>cum</b>     | <b>133.00</b>  |
| 5.46.3 : | Providing M-40 grade concrete by using 360kg /m3 of Cement per cum of concrete instead of M-25 grade B.M.C./RMC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>cum</b>     | <b>196.40</b>  |
| 5.47     | Add for using extra cement in the items of design mix over and above the specified cement content therein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>quintel</b> | <b>618.9</b>   |
| 5.48.1   | Providing and laying in position ready mixed concrete manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centring, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. M-25 grade Reinforced cement concrete by using 330 kg of cement per cum of concrete. All works up to Plinth level | <b>cum</b>     | <b>4356.3</b>  |

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |            |                |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|
| 5.48.2     | Providing and laying in position ready mixed concrete manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centring, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. M-25 grade Reinforced cement concrete by using 380 kg of cement per cum of concrete. All works above Plinth level up to floor five level. | <b>cum</b> | <b>5047.7</b>  |
| 5.45<br>A: | Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete work including pumping of concrete to site of laying but excluding the cost of centring, shuttering, finishing and reinforcement, including Admixtures in recommended proportions as per IS 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. M-25 grade reinforced cement concrete by using 380kg. of cement per cum of concrete. All work above Plinth level upto floor V Level.                                                                                                                                                                   | <b>cum</b> | <b>4374.90</b> |
| 5.49       | Extra for R.C.C/ B.M.C/ R.M.C. work above floor V level for each four floors or part thereof.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>cum</b> | <b>152.5</b>   |



**SUB HEAD: 6.0**  
**BRICK WORK (A, B, C, D)**

BUILDING WORK - Contd.

**6.0 Brick work(A)**

| Code No. | Description                                                                                                                                                                                                                                                             | Unit | Rate Rs. |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|
| 6.1A     | Brick work with bricks of class designation 100A in foundations and plinth in :                                                                                                                                                                                         |      |          |
| 6.1.12/1 | Cement mortar 1 :4 (1 cement: 4 coarse sand )                                                                                                                                                                                                                           | cum  | 3914.60  |
| 6.1.14A  | Cement mortar 1:6 (1 cement: 6 coarse sand )                                                                                                                                                                                                                            | cum  | 3713.50  |
| 6.3A     | Extra for Brick work in superstructure above plinth level up to floor V cum                                                                                                                                                                                             | cum  | 378.80   |
| 6.4A     | Extra for brick work in superstructure above floor V level for each four floors or part thereof.                                                                                                                                                                        | cum  | 295.60   |
| 6.11A    | Extra for forming cavity 5cm to 7.5cm wide in cavity wall with necessary weep and vent holes including use of cores and cast of providing and fixing bitumansttc coted m.s. toles 300mmlong of 25mmx3mmsection at not less than 3 tiles per sqm as per approved design. | sqm  | 66.40    |
| 6.12A    | Providing half brick masonry with bricks of class designation 100A in cement mortar 1:3 (1 cement: 3 coarse sand ) in superstructure for closing cavity 5 to 7.5 cm wide bitumen felt type 3 grade 1 .                                                                  | m    | 136.10   |
| 6.13A    | Brick work 7cm thick with brick of class designation 100A cement mortar 1:3 (1 cement: 3 coarse sand) in super structure                                                                                                                                                | sqm  | 352.00   |
| 6.15A    | Brick work in plain arches in superstructure including centring and shuttering complete for span upto 6 metres with bricks of class designation 100A in cement mortar 1:3(1 cement:3 coarse sand )                                                                      | cum  | 6033.80  |
| 6.16A    | Brick work in gauged arches in superstructure in cement mortar 1:3 (1 cement:3 coarse sand) including centring and shuttering complete. Span upto 6 metres with                                                                                                         | cum  | 6999.40  |
| 6.17A    | Extra for additional cost of centring for arches exceeding 6 mspan including all shuttering , Bolting , wedging and removal(Area of the soffit to be measured ).                                                                                                        | sqm  | 176.50   |
| 6.18A    | Half brick masonry with bricks of class designation 100A in foundations and plinth in :                                                                                                                                                                                 |      |          |
| 6.18.3A  | Cement mortar 1:3 (1 cement: 3 coarse sand)                                                                                                                                                                                                                             | sqm  | 481.20   |
| 6.18.4A  | Cement mortar 1:4 (1 cement: 4 coarse send)                                                                                                                                                                                                                             | sqm  | 458.70   |
| 6.19A    | Extra for half Brick masonry in superstructure above plinth level upto floor V level.                                                                                                                                                                                   | sqm  | 41.40    |

|                |                                                                                                                                                                                                                                                                                                                                                                                                    |              |                |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------|
| <b>6.20A</b>   | Extra for half brick masonry in superstructure. Above floor V level for every four floors or part there of                                                                                                                                                                                                                                                                                         | <b>sqm</b>   | <b>33.80</b>   |
| <b>6.21A</b>   | Extra for providing and placing in position 2 Nos, 6 mm dia , MS bars at every third course of half brick masonry (with F. P. S. bricks)                                                                                                                                                                                                                                                           | <b>sqm</b>   | <b>68.70</b>   |
| <b>6.23A</b>   | Tile brick masonry with tile bricks of class designation 100 in foundation and plinth in :                                                                                                                                                                                                                                                                                                         |              |                |
| <b>6.23.7A</b> | Cement mortar 1:4 (1 cement :4 coarse sand)                                                                                                                                                                                                                                                                                                                                                        | <b>cum</b>   | <b>6960.40</b> |
| <b>6.23.8A</b> | Cement mortar 1.6 (1 cement :6 coarse sand)                                                                                                                                                                                                                                                                                                                                                        | <b>cum</b>   | <b>6638.60</b> |
| <b>6.24A</b>   | Extra for tile bricks masonry with tile bricks of class designation 100A in superstructure from plinth level upto floor five level.                                                                                                                                                                                                                                                                | <b>cum</b>   | <b>398.80</b>  |
| <b>6.25A</b>   | Extra for tile brick masonry with tile bricks of class designation 100A in superstructure above floor five level for every four floor or part thereof,                                                                                                                                                                                                                                             | <b>cum</b>   | <b>295.60</b>  |
| <b>6.29A</b>   | Tile brick masonry with bricks of class designation 100 in plain arch work superstructure in cement mortar 1:4 (1 cement: 4 co                                                                                                                                                                                                                                                                     | <b>cum</b>   | <b>8850.70</b> |
| <b>6.30A</b>   | Tte brick masonry with tile bricks ot class designation 100A in gauded arch work in superstructure in cement mortar 1:4 (1 cement: 4 coarse sand ) including centring and shuttering complete.                                                                                                                                                                                                     | <b>cum</b>   | <b>9718.90</b> |
| <b>6.31A</b>   | Tile brick masonry work 5 cm thick with tile bricks of class designation 100A in cement mortar 1:3 (1 cement: 3 coarse sand ) in superstructure .                                                                                                                                                                                                                                                  | <b>sqm</b>   | <b>395.80</b>  |
| <b>6.32 A</b>  | Honey- comb brick work 10/11.4 cm thick with bricks of class designation 100A in cement mortar 1:4 (1 cement: 4 coarse sand )                                                                                                                                                                                                                                                                      | <b>sqm</b>   | <b>295.30</b>  |
| <b>6.39A</b>   | Extra for brick work in under water mud or liquid mud including cost of pumping or bailing out water - slush etc                                                                                                                                                                                                                                                                                   | <b>cum</b>   | <b>65.70</b>   |
| <b>6.41A</b>   | Brick work with selected bricks of class designation 100A in exposed brick work including making horizontal and vertical grooves 10mm wide 12mm deep complete from ground level up to plinth level in cement mortars 1:6(1 cement: 6 coarse sand)                                                                                                                                                  | <b>cum</b>   | <b>3757.70</b> |
| <b>6.45A</b>   | Extra for exposed brick work in superstructure above plinth level and upto floor level. $0.75 \times 1.5 = 1.13$                                                                                                                                                                                                                                                                                   | <b>cum</b>   | <b>489.00</b>  |
| <b>6.47A</b>   | Providing 250mm wide brick drain in cement mortar (1:6) with av. 150mm. Clear depth and 250mm apron including cost of E/W. involved with 75mm cement concrete (1:4:8) over one brick designation 100-A flat soling in proper grade and slope at the base. The drain duly.plastered in CM. (1:3) with punning over exposed surface all complete as per building specification and direction of E/I, | <b>Per m</b> | <b>820.30</b>  |
| <b>6.48A</b>   | Providing 150mm wide brick drain in cement mortar (1:6) with av. 150mm clear depth and 125mm apron concrete (1: 4:8), over one brick designation 100-A flat soling in proper grade and slope at the base, the drain duly plastered in CM. (1:3) with punning over exposed surface all complete as per building specification and direction of E/I,                                                 | <b>Per m</b> | <b>434.80</b>  |

**SUB HEAD: 6.0**  
**BRICK WORK (B)**

| <b><u>6.0 Brick work(B)</u></b> |                                                                                                                                                                                                                                                                            |             |                 |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|
| <b>Code No.</b>                 | <b>Description</b>                                                                                                                                                                                                                                                         | <b>Unit</b> | <b>Rate Rs.</b> |
| <b>6.1B</b>                     | Brick work with bricks of class designation 100B in foundations and plinth in :                                                                                                                                                                                            |             |                 |
| <b>6.1.12B</b>                  | Cement mortar 1.:4 (1 cement: 4 coarse sand )                                                                                                                                                                                                                              | <b>cum</b>  | <b>3678.53</b>  |
| <b>6.1.14B</b>                  | Cement mortar 1:6 (1 cement: 6 coarse sand )                                                                                                                                                                                                                               | <b>cum</b>  | <b>3477.40</b>  |
| <b>6.3B</b>                     | Extra for Brick work in superstructure above plinth level upto floor V<br>cum                                                                                                                                                                                              | <b>cum</b>  | <b>378.80</b>   |
| <b>6.4B</b>                     | Extra for brick work in superstructure above floor V level for each four floors or part thereof.                                                                                                                                                                           | <b>cum</b>  | <b>295.60</b>   |
| <b>6.11B</b>                    | Extra for forming cavity 5cm to 7.5cm wide in cavity wall with necessary weep and vent holes including use of cores and cast of providing and fixing bitumastic coted m.s. toles 300mm long of 25mm x 3mm section at not less than 3 tiles per sqm as per approved design. | <b>sqm</b>  | <b>66.40</b>    |
| <b>6.12B</b>                    | Providing half brick masonry with bricks of class designation 100B in cement mortar 1:3 (1 cement: 3 coarse sand ) in superstructure for closing cavity 5 to 7.5 cm wide bitumen felt type 3 grade 1 .                                                                     | <b>m</b>    | <b>136.10</b>   |
| <b>6.13B</b>                    | Brick work 7cm thick with brick of class designation 100B cement mortar 1:3 (1 cement: 3 coarse sand) in super structure                                                                                                                                                   | <b>sqm</b>  | <b>333.99</b>   |
| <b>6.15B</b>                    | Brick work in plain arches in superstructure including centring and shuttering complete for span upto 6 metres with bricks of class designation 100B in cement mortar 1:3(1 cement: 3 coarse sand )                                                                        | <b>cum</b>  | <b>5797.70</b>  |
| <b>6.16B</b>                    | Brick work in gauged arches in superstructure in cement mortar 1:3 (1 cement:3 coarse sand) including centring and shuttering complete. Span upto 6 metres with                                                                                                            | <b>cum</b>  | <b>6742.30</b>  |
| <b>6.17B</b>                    | Extra for additional cost of centring for arches exceeding 6 mspan ' including all shuttering . Bolting , wedging and removal (Area of the soffit to be measured ) .                                                                                                       | <b>sqm</b>  | <b>176.48</b>   |
| <b>6.18B</b>                    | Half brick masonry with bricks of class designation 100B in foundations and plinth in :                                                                                                                                                                                    |             |                 |
| <b>6.18.3B</b>                  | Cement mortar 1:3 (1 cement: 3 coarse sand )                                                                                                                                                                                                                               | <b>sqm</b>  | <b>454.20</b>   |
| <b>6.18.4B</b>                  | Cement mortar 1:4(1 cement: 4 coarse send )                                                                                                                                                                                                                                | <b>sqm</b>  | <b>431.70</b>   |
| <b>6.19B</b>                    | Extra for half Brick masonry in superstructure above pinth level upto floor V level.                                                                                                                                                                                       | <b>sqm</b>  | <b>41.40</b>    |
| <b>6.20B</b>                    | Extra for half brick masonry in supersructure. Above floor V level for every four floors or part there of                                                                                                                                                                  | <b>sqm</b>  | <b>33.80</b>    |

|                |                                                                                                                                                                                                                                                   |            |                |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|
| <b>6.21B</b>   | Extra for providing and placing in position 2 Nos, 6 mm dia , MS bars at every third course of half brick masonry (with F. P. S. bricks)                                                                                                          | <b>sqm</b> | <b>68.70</b>   |
| <b>6.23B</b>   | Tile brick masonry with tile bricks of class designation 100 in foundation and plinth in :                                                                                                                                                        |            |                |
| <b>6.23.7B</b> | Cement mortar 1:4 (1 cement :4 coarse sand)                                                                                                                                                                                                       | <b>cum</b> | <b>6960.40</b> |
| <b>6.23.8B</b> | Cement mortar 1.6 (1 cement :6 coarse sand)                                                                                                                                                                                                       | <b>cum</b> | <b>6638.60</b> |
| <b>6.24B</b>   | Extra for tile bricks masonry with tile bricks of class designation 100B in superstructure from plinth level upto floor five level.                                                                                                               | <b>cum</b> | <b>398.80</b>  |
| <b>6.25B</b>   | Extra for tile brick masonry with tile bricks of class designation 100B in superstructure above floor five level for every four floor or part thereof.                                                                                            | <b>cum</b> | <b>295.60</b>  |
| <b>6.29B</b>   | Tile brick masonry with bricks of class designation 100 in plain arch work superstructure in cement mortar 1 :4 (1 cement: 4 coarse sand ) including centring and shuttering complete.                                                            | <b>cum</b> | <b>8866.90</b> |
| <b>6.30B</b>   | Tile brick masonry with tile bricks of class designation 100B in gaude arch work in superstructure in cement mortar 1:4 ( 1 cement: 4 coarse sand ) including centring and shuttering complete.                                                   | <b>cum</b> | <b>9735.20</b> |
| <b>6.31B</b>   | Tile brick masonry work 5 cm thick with tile bricks of class designation 100B in cement mortar 1:3 (1 cement: 3 coarse sand ) in superstructure ,                                                                                                 | <b>sqm</b> | <b>391.90</b>  |
| <b>6.32B</b>   | Honey- comb brick work 10/11.4 cm thick with bricks of class designation 100B in cement mortar 1:4 (1 cement: 4 coarse sand )                                                                                                                     | <b>sqm</b> | <b>295.30</b>  |
| <b>6.39B</b>   | Extra for brick work in or under water mud or liquid mud including cost of pumping or bailing out water — slush etc                                                                                                                               | <b>cum</b> | <b>65.70</b>   |
| <b>6.41 B</b>  | Brick work with selected bricks of class designation 100B in exposed brick work including making horizontal and vertical grooves 10mm wide 12mm deep complete from ground level up to plinth level in cement mortars 1:6(1 cement: 6 coarse sand) | <b>cum</b> | <b>3521.60</b> |
| <b>6.45B</b>   | Extra for exposed brick work in superstructure above plinth level and upto floor level. $0.75 \times 1.5 = 1.13$                                                                                                                                  | <b>cum</b> | <b>489.05</b>  |



| <b><u>6.0 FLY ASH Brick work(C)</u></b> |                                                                                                          |            |                |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------|------------|----------------|
| <b>6.1C</b>                             | <b>Brick work with fly ash bricks as per IS 12894(2002) &amp; IS 3495 in foundations and plinth in :</b> |            |                |
| <b>6.1.12C</b>                          | Cement mortar 1.:4 (1 cement: 4 coarse sand )                                                            | <b>cum</b> | <b>3995.60</b> |
| <b>6.1.14C</b>                          | Cement mortar 1:6 (1 cement: 6 coarse sand )                                                             | <b>cum</b> | <b>3794.50</b> |
| <b>6.3C</b>                             | Extra for Brick work in superstructure above plinth level upto floor V cum                               | <b>cum</b> | <b>378.80</b>  |
| <b>6.4C</b>                             | Extra for brick work in superstructure above floor V level for each four floors or part thereof.         | <b>cum</b> | <b>295.60</b>  |

| <b><u>6.0 Brick work with lime mortar(D)</u></b> |                                                                                             |            |                |
|--------------------------------------------------|---------------------------------------------------------------------------------------------|------------|----------------|
| <b>6.1D</b>                                      | <b>Brick work with bricks of class designation 100A in foundations and plinth in :</b>      |            |                |
| <b>6.1.12D</b>                                   | Lime mortar (1:1:1) (1 limeputty: 1shukhi:1coarse sand )                                    | <b>cum</b> | <b>3919.90</b> |
| <b>6.1.14D</b>                                   | lime mortar mortar 1:1:2(1 limeputty: 1 surkhi:2 coarse sand )<br>Details of cost for 1 cum | <b>cum</b> | <b>3785.70</b> |

## **SUB HEAD: 7.0**

## **STONE WORK**

BUILDING WORK - Contd.

**7.0 Stone work**

| <b>Code No.</b> | <b>Description</b>                                                                                                                                                                                                                                                                              | <b>Unit</b>   | <b>Rate Rs.</b> |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|
| <b>A7.1</b>     | Dressing of sand stone for ashlar cyclopean-                                                                                                                                                                                                                                                    | <b>10cudm</b> | <b>38.10</b>    |
| <b>A7.2</b>     | Dressing of sand stone for moulded work                                                                                                                                                                                                                                                         | <b>10cudm</b> | <b>79.10</b>    |
| <b>A7.3</b>     | Dressing of sand stone for ashlar puncheol ordinary work                                                                                                                                                                                                                                        | <b>10cudm</b> | <b>32.27</b>    |
| <b>A7.4</b>     | Dressing of sand stone m arch dome's or circular moulded work                                                                                                                                                                                                                                   | <b>10cudm</b> | <b>95.80</b>    |
| <b>A7.5</b>     | Dressing of sand stone for ashlar moulded and currved colonic                                                                                                                                                                                                                                   | <b>10cudm</b> | <b>130.40</b>   |
| <b>A7.6</b>     | Dressing of sand stone-----                                                                                                                                                                                                                                                                     | <b>sqm</b>    | <b>376.50</b>   |
| <b>A7.7</b>     | Fixing charges for stone work including pointing                                                                                                                                                                                                                                                | <b>10cudm</b> | <b>32.30</b>    |
| <b>A7.8</b>     | Fixing charges for stone in veneer work .                                                                                                                                                                                                                                                       | <b>sqm</b>    | <b>387.20</b>   |
| <b>7.1</b>      | Random rubble masonry with hard stone in fourdation and plinth including leveling up with cement concrete 1:6:12 (1 cement: 6 coarse sand : 12 graded stone aggregate 20 mm nominal size ) at plinth level with .                                                                               |               |                 |
| <b>7.1.1</b>    | Cement mortar 1:6 (1 cement: 6 coarse sand )                                                                                                                                                                                                                                                    | <b>cum</b>    | <b>2231.50</b>  |
| <b>7.2</b>      | Extra for random rubble masonry with hard stone in spuerstructure above plinth level and upto floor five level, including leveling up with cement concreter 1:6:12 ( 1 cement: 6 coarse sand : 12 graded . stone aggregate 20 mm nomiinal size ) at window sills , ceiling level and the like . | <b>cum</b>    | <b>417.60</b>   |
| <b>7.3</b>      | Extra for random rubble masonry with hard stone in superstructure above floor V levei for every four floors or part therof .                                                                                                                                                                    | <b>cum</b>    | <b>394.20</b>   |
| <b>7.4</b>      | Extra for random rubble masonry with hard stone in .                                                                                                                                                                                                                                            |               |                 |
| <b>7.4.1</b>    | Square or rectangular pillars                                                                                                                                                                                                                                                                   | <b>cum</b>    | <b>190.70</b>   |
| <b>7.4.2</b>    | Circular pillars                                                                                                                                                                                                                                                                                | <b>cum</b>    | <b>650.10</b>   |
| <b>7.5</b>      | Extra for random rubble masonry with hard stone curved on plan for ad mean radius not exceeding 6 m .                                                                                                                                                                                           | <b>cum</b>    | <b>252.80</b>   |
| <b>7.6</b>      | Coursed rubble masonry (fist sort) with hard stone in foundation and plinth with .                                                                                                                                                                                                              |               |                 |
| <b>7.6.1</b>    | Cement mortar 1:6(1 cement: 6 coarse sand )                                                                                                                                                                                                                                                     | <b>cum</b>    | <b>2607.20</b>  |
| <b>7.7</b>      | Coursed rubble masonry (second sort) with hard stone in foundation & plinth with >                                                                                                                                                                                                              |               |                 |
| <b>7.7.1</b>    | Cement mortar 1:6 (1 cement: 6 coarse sand )                                                                                                                                                                                                                                                    | <b>cum</b>    | <b>2429.10</b>  |

|             |                                                                                                                                                                                                                                                               |                               |            |                 |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------|-----------------|
| <b>7.8</b>  | Extra for coursed rubble masonry with hard stone (first or second sort) in superstructure above plinth level and upto floor five level .                                                                                                                      |                               | <b>cum</b> | <b>443.60</b>   |
| <b>7.9</b>  | Extra for coursed rubble masonry with hard stone (first or second sort) in superstructure above floor V level for every four floor's or part thereof.                                                                                                         |                               | <b>cum</b> | <b>394.20</b>   |
| <b>7.10</b> | Extra for coursed rubble masonry with hard stone (first or second sort) in :                                                                                                                                                                                  |                               |            |                 |
|             | <b>7.10.1</b>                                                                                                                                                                                                                                                 | Square or rectangular pillars | <b>cum</b> | <b>212.00</b>   |
|             | <b>7.10.2</b>                                                                                                                                                                                                                                                 | Circular pillars              | <b>cum</b> | <b>734.60</b>   |
| <b>7.11</b> | Extra for coursed rubble masonry with hard stone (first or second sort) curved on plan for a mean radius not exceeding 6 m .                                                                                                                                  |                               | <b>cum</b> | <b>275.40</b>   |
| <b>7.12</b> | Stone work in plain ashlar in super structure upto floor five level in cement mortar 1:6{1 cement: 6 coarse sand ) including pointing with cement mortar 1:2 (1 white cement: 2 stone dust) with an admixture of pigment matching the stone shade .           |                               |            |                 |
|             | <b>7.12.1</b>                                                                                                                                                                                                                                                 | Red sand stone                | <b>cum</b> | <b>18548.40</b> |
|             | <b>7.12.2</b>                                                                                                                                                                                                                                                 | White sand stone              | <b>cum</b> | <b>19087.80</b> |
| <b>7.13</b> | Stone work plain ashlar in arches in cement mortar 1:3 (1 cement: 3 coarse sand ) including centring, shuttering and pointing with white cement mortar 1:2(1 white cement: 2 stone dust) with an admixture of pigment matching the stone shade .              |                               |            |                 |
|             | <b>7.13.1</b>                                                                                                                                                                                                                                                 | Red sand stone                | <b>cum</b> | <b>19582.70</b> |
|             | <b>7.13.2</b>                                                                                                                                                                                                                                                 | White sand stone              | <b>cum</b> | <b>20634.40</b> |
| <b>7.14</b> | Stone work plain ashlar in domes in cement mortar 1:3 {1 cement: 3 coarse sand ) including centring, shuttering and pointing with white cement mortar 1:2(1 white cement: 2 stone dust) with an admixture of pigment matching the stone shade .               |                               |            |                 |
|             | <b>7.14.1</b>                                                                                                                                                                                                                                                 | Red sand stone                | <b>cum</b> | <b>27981.30</b> |
|             | <b>7.14.2</b>                                                                                                                                                                                                                                                 | White sand stone              | <b>cum</b> | <b>28774.30</b> |
| <b>7.15</b> | Stone work ashlar punched (ordinary) in superstructure upto floor five level in cement mortar 1:6(1 white cement: 6 coarse sand ) including pointing with cement mortar 1:2(1 cement: 2 stone dust) with an admixture of pigment matching the stone shade . ' |                               |            |                 |
|             | <b>7.15.1</b>                                                                                                                                                                                                                                                 | Red sand stone                | <b>cum</b> | <b>17690.10</b> |
|             | <b>7.15.2</b>                                                                                                                                                                                                                                                 | White sand stone              | <b>cum</b> | <b>19819.50</b> |
| <b>7.16</b> | Extra for stone work , plain ashlar or ashlar punched above floor V for every four floors or part thereof.                                                                                                                                                    |                               | <b>cum</b> | <b>393.70</b>   |
| <b>7.17</b> | Extra for plain ashlar or ashlar punched in :                                                                                                                                                                                                                 |                               |            |                 |

|             |                 |                                                                                                                                                                                                                                                                                                                                                                                   |                           |                 |
|-------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----------------|
|             | <b>7.17.1</b>   | Square or rectangular pillars                                                                                                                                                                                                                                                                                                                                                     | <b>cum</b>                | <b>642.70</b>   |
| <b>7.19</b> |                 | Extra for additional cost of centing for arches exceeding 6m span including all strutting , bolting, wedging etc , and removal (area of soffit to be measured).                                                                                                                                                                                                                   | <b>sqm</b>                | <b>176.50</b>   |
| <b>7.2</b>  |                 | Stone work sunk or moulded or sunk and moulded upto floor five level in cement mortar 1:6 (1 cement: 6 coarse sand ) including pointing with white cement mortar 1:2 (1 cement: 2 stone dust) with an admixture of pigment matching the stone shade:                                                                                                                              |                           |                 |
|             | <b>7.20.1</b>   | Red sand stone                                                                                                                                                                                                                                                                                                                                                                    | <b>cum</b>                | <b>25883.70</b> |
|             | <b>7.20.2</b>   | White sand stone                                                                                                                                                                                                                                                                                                                                                                  | <b>cum</b>                | <b>29284.00</b> |
| <b>7.21</b> |                 | Extra for stone work sunk or moulded or sunk and moulded or carved in :                                                                                                                                                                                                                                                                                                           |                           |                 |
|             | <b>7.21.1</b>   | Triangular or Square or rectangular pillars                                                                                                                                                                                                                                                                                                                                       | <b>cum</b>                | <b>838.30</b>   |
|             | <b>7.21.2</b>   | Circular or polygonal pillars                                                                                                                                                                                                                                                                                                                                                     | <b>cum</b>                | <b>2375.10</b>  |
| <b>7.22</b> |                 | Extra for stone work sunk or moulded in cornices .                                                                                                                                                                                                                                                                                                                                | <b>metre per cm grith</b> | <b>11.80</b>    |
| <b>7.23</b> |                 | Stone work (machine cut edge) for wall lining etc. (vener work ) over 12 mm thick bed of cement lime mortar 1:1:6 (1 cement: 1 lime putty : 6 fine sand ) including pointing in white cement mortar 1:2(1 white cement: 2 stone dust) with an admixture of pigment matching the stone shade: (To be secured to the backing by means of cramps which shall be paid for seperately) |                           |                 |
|             | <b>7.23.1</b>   | Red sand stone- exposed face fine dressed with rough backing                                                                                                                                                                                                                                                                                                                      |                           |                 |
|             | <b>7.23.1.1</b> | 70 mm thick                                                                                                                                                                                                                                                                                                                                                                       | <b>0.1 sqm</b>            | <b>1612.90</b>  |
|             | <b>7.23.1.2</b> | 60 mm thick                                                                                                                                                                                                                                                                                                                                                                       | <b>0.1sqm</b>             | <b>1513.00</b>  |
|             | <b>7.23.1.3</b> | 50 mm thick                                                                                                                                                                                                                                                                                                                                                                       | <b>0.1 sqm</b>            | <b>1394.80</b>  |
|             | <b>7.23.1.4</b> | 40 mm thick                                                                                                                                                                                                                                                                                                                                                                       | <b>0.1 sqm</b>            | <b>1313.30</b>  |
|             | <b>7.23.2</b>   | White sand stone                                                                                                                                                                                                                                                                                                                                                                  |                           |                 |
|             | <b>7.23.2.1</b> | 70 mm thick                                                                                                                                                                                                                                                                                                                                                                       | <b>0.1sqm</b>             | <b>1671.10</b>  |
|             | <b>7.23.2.2</b> | 60 mm thick                                                                                                                                                                                                                                                                                                                                                                       | <b>0.1sqm</b>             | <b>1563.00</b>  |
|             | <b>7.23.2.3</b> | 50 mm thick                                                                                                                                                                                                                                                                                                                                                                       | <b>0.1sqm</b>             | <b>1455.10</b>  |
|             | <b>7.23.2.4</b> | 40 mm thick                                                                                                                                                                                                                                                                                                                                                                       | <b>0.1sqm</b>             | <b>1346.40</b>  |
| <b>7.24</b> |                 | Extra for stone work (vener work ) curved on plan with a mean radius not exceeding 6 m .                                                                                                                                                                                                                                                                                          | <b>cum</b>                | <b>646.30</b>   |
| <b>7.25</b> |                 | Providing and fixing gun metal cramps of required shape for anchoring stone wall lining to the backing or securing adjacent stones in stone wall lining in cement mortar 1:2 (1 cement: 2 fine sand) including making the necessary chases.                                                                                                                                       |                           |                 |
|             | <b>7.25.1</b>   | 25x6 mm - 30 long                                                                                                                                                                                                                                                                                                                                                                 | <b>each cramp</b>         | <b>95.70</b>    |

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |                 |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------|
| <b>7.26</b>   | Providing and fixing stone dowels 10x5x2.50 cm cut to double wedge shape as per design in cement mortar 1:2 (1 cement: 2 fine sand ) including making the necessary chases .                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>dowel</b>      | <b>10.00</b>    |
| <b>7.27</b>   | Providing and fixing copper pins 7.5 cm long 6 mm diameter for securing adjacent stones in stone wall lining in cement mortar 1:2 (1 cement: 2 fine sand ) including making the necessary chases .                                                                                                                                                                                                                                                                                                                                                                                            | <b>copper pin</b> | <b>15.30</b>    |
| <b>7.29</b>   | Providing and fixing horizontal chajja of stone 400 mm thick and upto 80 cm projection in cement mortar 1:4(1 cement: 4 coarse sand) including pointing in white cement mortar 1:2 (1 white cement: 2 stone dust) with an admixture of pigment matching the stone shade.                                                                                                                                                                                                                                                                                                                      |                   |                 |
| <b>7.29.1</b> | Red sand stone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>sqm</b>        | <b>487.00</b>   |
| <b>7.29.2</b> | White sand stone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>sqm</b>        | <b>510.70</b>   |
| <b>7.30</b>   | 30 mm red sand stone sun-shade (chisel-dressed) supported on red sand stone brackets, fixed in walls with cement mortar 1:4 (1 cement: 4 coarse sand ) including finishing complete.                                                                                                                                                                                                                                                                                                                                                                                                          | <b>sqm</b>        | <b>581.10</b>   |
| <b>7.31</b>   | Providing and fixing red sand stone brackets 55x22.5x45 cm sunk and moulded including providing and fixing with 4 Nos. gun metal cramp 25x6 mm. 30 cm long and dowel bars 7.5 cm long 6 mm dia as per design.                                                                                                                                                                                                                                                                                                                                                                                 | <b>bracket</b>    | <b>1846.20</b>  |
| <b>7.32</b>   | Stone work , plain in copings , cornices, string courses and plinth courses, in cement mortar 1: 6 (1 cement: 6 coarse sand ) including pointing with white cement mortar 1:2 (1 white cement: 2 stone dust) with an admixture of pigment matching the stone shade .                                                                                                                                                                                                                                                                                                                          |                   |                 |
| <b>7.32.1</b> | Red sand stone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>cum</b>        | <b>23616.10</b> |
| <b>7.32.2</b> | White sand stone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>cum</b>        | <b>24155.60</b> |
| <b>7.38</b>   | Providing and fixing stone jaii 40 mm thick throghout(without sunking or moulding in jali slab) in cement mortar 1:3(1 cement: 3 coarse sand ) including pointing in white cement mortar 1:2 (1 white cement: 2 stone dust) with an admixture of pigment, matching the stone shade, jali slab without any chamfers etc.                                                                                                                                                                                                                                                                       |                   |                 |
| <b>7.38.1</b> | Red sand stone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>sqm</b>        | <b>4939.50</b>  |
| <b>7.38.2</b> | White sand stone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>sqm</b>        | <b>4960.00</b>  |
| <b>7.41</b>   | Wall lining butch work with Dholpur stone 40 mm thick rough taching on the expsed surface with stone strips of minimum length 230 mm and required with including embedding every lenth layer and bottom most layer in masonry or concrete after making necessary chases of size 75 x 75 mm and by providing layer or 75 mm thick strips i/c 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand ) i/c ruled pointing in cement mortar 1:2 (1 white cement: 2 stone dust) with an admixture of pigment to match the shade of stone complete as per direction of Enginneer-in-charge. | <b>sqm</b>        | <b>827.10</b>   |



|                 |                                                                                                                                                                                                                                                                                                              |  |               |                |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------|----------------|
| <b>7.42</b>     | Stone work for wall lining etc. (Veneer work ) over 12 mm thick bed of cement mortar 1:3 {1 cement: 3 coarse sand } and jointed with grey cement slurry 3.30 kg/sqm including rubbing and polishing complete. (To be secured to the backing by means of cramps of cramps which shall be paid for seperately) |  |               |                |
| <b>7.42.1</b>   | Kota stone slabs rough chiselled                                                                                                                                                                                                                                                                             |  |               |                |
| <b>7.42.1.1</b> | 25 mm thick                                                                                                                                                                                                                                                                                                  |  | <b>sqm</b>    | <b>1002.30</b> |
| <b>7.42.1.A</b> | Dressing of sand stone in veneer work                                                                                                                                                                                                                                                                        |  | <b>sqm</b>    | <b>1382.60</b> |
| <b>7.42.1.B</b> | Dressing of sand stone in ashlar punched (ordinary work )                                                                                                                                                                                                                                                    |  | <b>0.4sqm</b> | <b>1033.00</b> |
| <b>7.43</b>     | Stone tile work for wall lining with special adhesive like araldite or equivalent over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand ) including pointing in white cement with an admixture of pigment to match the stone shade .                                                            |  |               |                |
| <b>7.43.1</b>   | 8 mm thick (mirror polished and machine cut edge )                                                                                                                                                                                                                                                           |  |               |                |
| <b>7.43.1.1</b> | Granite black stone                                                                                                                                                                                                                                                                                          |  | <b>sqm</b>    | <b>1325.10</b> |

## **SUB HEAD: 8.0**

## **MARBLE WORK**

BUILDING WORK - Contd.

**8.0 Marble work**

| <b>Code No.</b>  | <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                         | <b>Unit</b>   | <b>Rate Rs.</b> |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|
| <b>A8.1</b>      | Dressing of Marble for steps, jambs, walls, pillars and other plain work                                                                                                                                                                                                                                                                                                                                   | <b>10cudm</b> | <b>124.200</b>  |
| <b>A8.2</b>      | Dressing of marble for moulded jambs and heads, straight mouldings and plain arces or domes.                                                                                                                                                                                                                                                                                                               | <b>10cudm</b> | <b>198.300</b>  |
| <b>A8.3</b>      | Dressing of marble in moulded arches or domes and circular mouldings.                                                                                                                                                                                                                                                                                                                                      | <b>10cudm</b> | <b>426.900</b>  |
| <b>A8.4</b>      | Dressing of marble veneer work                                                                                                                                                                                                                                                                                                                                                                             | <b>sqm</b>    | <b>543.400</b>  |
| <b>A8.5</b>      | Labour for fixing marble in veneer work 2.5 cm to 5 cm thick.                                                                                                                                                                                                                                                                                                                                              | <b>sqm</b>    | <b>783.800</b>  |
| <b>8.1</b>       | Marble work gang saw cut (polished and machine cut) of thickness 18mm for wall lining (veneer work) in cement mortar 1:3 (1 cement :3 coarse sand) including pointing with white cement mortar 1:2(1 white cement:2 marble dust) with an admixture of pigment to match the marble shade:(To be secured to the backing by means of cramps, which shall be paid for separately)                              |               |                 |
| <b>8.1.1</b>     | White Marble-Raj Nagar Plain/Udaipur green marble/ Zebra block marble                                                                                                                                                                                                                                                                                                                                      |               |                 |
| <b>8.1.1.1.2</b> | Area of each slab over upto 0.50 sqm                                                                                                                                                                                                                                                                                                                                                                       | <b>sqm</b>    | <b>2099.500</b> |
| <b>8.2</b>       | Providing and fixing 20mm thick mirror polished, machine cut for kitchen platforms, vanity counters facias and similar locatins of required size of approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement :4 coarse sand) with joints treated with white cement, mixe* with matching pigament-epoxy touch ups. including rubbing, curing etx. complete at all lbevels. |               |                 |
| <b>8.2.1</b>     | Rajnagar plain white marbfe /Udaipur green marble/ Zebra block marble                                                                                                                                                                                                                                                                                                                                      |               |                 |
| <b>8.2.1.3</b>   | Area of each slab over 0.2 sqm but upto 0.5 sqm Rajnagar plain white                                                                                                                                                                                                                                                                                                                                       | <b>sqm</b>    | <b>1620.700</b> |
| <b>8.2.6</b>     | Granite black                                                                                                                                                                                                                                                                                                                                                                                              |               |                 |
| <b>8.2.6.3</b>   | Area of each slab over 0.2 sqm but upto 0.5 sqm Granite of any colour and shade                                                                                                                                                                                                                                                                                                                            | <b>sqm</b>    | <b>2762.200</b> |

|                |                                                                                                                                                                                                                                                                            |           |                |                |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|----------------|
| <b>8.3</b>     | Extra for providing edge moulding to 18 mm thick marble stone counters, Vanities etc. over item no. 8.2 including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer - in -charge.                                       |           |                |                |
| <b>8.3.1</b>   | Marble work                                                                                                                                                                                                                                                                | <b>m</b>  | <b>130.600</b> |                |
| <b>8.3.2</b>   | Granite work                                                                                                                                                                                                                                                               | <b>m</b>  | <b>211.600</b> |                |
| <b>8.4</b>     | Extra for fixing marble/granite stone over and above corresponding basic ite, in facia and drops of width upto 150 mm with epoxy resin based (Araldite or equivalent) adhesive including cleaning etc. complete.                                                           |           | <b>m</b>       | <b>120.400</b> |
| <b>8.5</b>     | Extra for providing opening of required size & shape for wash basins/kitchen sink in kitchen platform. Vanity counters and similar location in marble/stone work including necessary holes for pillar taps etc. including rubing and polishing of cut edges etc. complete. |           | <b>opening</b> | <b>18.600</b>  |
| <b>8.6</b>     | Mirror polishing on marble work/stone work where ever required to give high gloss finish complete.                                                                                                                                                                         |           | <b>sqm</b>     | <b>163.600</b> |
| <b>8.8</b>     | Providing and fixing expansion hold fasteners on CC/R.C.C. surface backing including drilling necessary holes and the cost of bolt etc complete.                                                                                                                           |           |                |                |
| <b>8.8.1</b>   | wedge expansion type                                                                                                                                                                                                                                                       |           |                |                |
| <b>8.8.1.1</b> | Fastner with-threaded dia. 1/4 or 6mm                                                                                                                                                                                                                                      | <b>no</b> | <b>20.700</b>  |                |
| <b>8.8.1.2</b> | Fashtner with threaded dia. 3/8 or 10 mm                                                                                                                                                                                                                                   | <b>no</b> | <b>23.510</b>  |                |
| <b>8.8.1.3</b> | Fastner with threaded dia. 1/2 or 12mm                                                                                                                                                                                                                                     | <b>no</b> | <b>38.900</b>  |                |

## **SUB HEAD: 9.0**

## **WOOD WORK**

**BUILDING WORK - Contd.****9.0 Wood work**

| <b>Code No.</b> | <b>Description</b>                                                                                                                                                                                                                                                                                                            | <b>Unit</b> | <b>Rate Rs.</b> |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|
| <b>9.1</b>      | Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position                                                                                                                                                                                                    |             |                 |
| <b>9.1.3</b>    | Second Class teakwood-                                                                                                                                                                                                                                                                                                        | <b>cum</b>  | <b>89541.70</b> |
| <b>9.1.8</b>    | Sal wood-                                                                                                                                                                                                                                                                                                                     | <b>cum</b>  | <b>71075.10</b> |
| <b>9.1.9</b>    | Kiln seasoned and chemically treated hollock wood.                                                                                                                                                                                                                                                                            | <b>cum</b>  | <b>47089.10</b> |
|                 | 9.1.10 Local wood                                                                                                                                                                                                                                                                                                             | <b>cum</b>  | <b>44694.60</b> |
| <b>9.1A</b>     | Providing laminated veneer lumber conforming to IS:14616 & TAD 15:2001 (parts), manufactured in factories by approved manufacturers, in frames of doors, windows, clerestory windows and other frames, through framed and fixed in position as per directions of Engineer in charge                                           | <b>cum</b>  | <b>91607.40</b> |
| <b>9.2</b>      | Providing wood work in frames of false ceiling.                                                                                                                                                                                                                                                                               |             |                 |
| <b>9.2.7</b>    | Kiln seasoned and chemically treated hollock wood.                                                                                                                                                                                                                                                                            | <b>cum</b>  | <b>44667.00</b> |
| <b>9.3</b>      | Extra for additional labour for circular works, such as in frames of fan light.                                                                                                                                                                                                                                               |             |                 |
| <b>9.3.3</b>    | Second Class teakwood-                                                                                                                                                                                                                                                                                                        | <b>cum</b>  | <b>8954.20</b>  |
| <b>9.3.8</b>    | Sal wood-                                                                                                                                                                                                                                                                                                                     | <b>cum</b>  | <b>7107.50</b>  |
| <b>9.3.9</b>    | Kiln seasoned and and chemically treated hollock wood.                                                                                                                                                                                                                                                                        | <b>cum</b>  | <b>4662.30</b>  |
| <b>9.4</b>      | Providing and fixing paneled or paneled and glazed shutters for doors, windows and clerestory windows including black enameled M.S. butt hinges with necessary screws excluding. Panelling which will be paid for separately.                                                                                                 |             |                 |
| <b>9.4.3</b>    | Second Class teak wood-                                                                                                                                                                                                                                                                                                       |             |                 |
| <b>9.4.3.4</b>  | 35 mm thick                                                                                                                                                                                                                                                                                                                   | <b>sqm</b>  | <b>2454.40</b>  |
| <b>9.4.3.5</b>  | 30 mm thick                                                                                                                                                                                                                                                                                                                   | <b>sqm</b>  | <b>2162.80</b>  |
| <b>9.4.8</b>    | Kiln seasoned and chemically treated hollock wood.                                                                                                                                                                                                                                                                            |             |                 |
| <b>9.4.8.4</b>  | 35 mm thick                                                                                                                                                                                                                                                                                                                   | <b>sqm</b>  | <b>1385.80</b>  |
| <b>9.4.8.5</b>  | 30 mm thick                                                                                                                                                                                                                                                                                                                   | <b>sqm</b>  | <b>1241.30</b>  |
| <b>9.4A</b>     | Providing and fixing 35mm thick factory mode laminated veneer lumber door shutter conforming to IS:14616 & TADS 15-2001 (part B), manufactured in factories by approved manufacturers, including black enamelled M.S. butt hinges with necessary screws as per directions of Engineer in charge and panelling with panels of: |             |                 |



|                 |                                                                                                                                                                                                                                                                                                                                            |            |                |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|
| <b>9.4A.1</b>   | 12 mm thick plain Grade-1 .medium density flat pressed three layer and graded particles board(FPT-I) conforming to 1S:3087 bonded with BWP type synthetic resin adhesive asperIS:848.                                                                                                                                                      | <b>sum</b> | <b>2389.10</b> |
| <b>9.4A.2</b>   | 12 mm thick prelaminated (with decorative lamination on both sides) particle board Grade-1,medium density fiat pressed, three layer and graded (FPT-1) conforming to IS:3087 bounded with BWP type synthetic resin adhesive as per IS:848 and prelamination conforming to IS : 12823 Grade I. Type-II                                      | <b>sqm</b> | <b>2576.60</b> |
| <b>9.4A.3</b>   | 12 mm thick prelaminated (with decorative lamination on one side and balancing lamination on other side) particle board Grade -1 medium density flat pressed, three layer and graded (FPT-1) conforming to IS :3087 bonded with BWP type synthetic resin adhesive as per IS :848 and prelamination conforming to IS :12823 Grade-1 Type II | <b>sqm</b> | <b>2476.60</b> |
| <b>9.5</b>      | Providing and fixing panelling or panelling and glazing in panelled of panelled and glazed shutters for doors, windows and clerestory windows (area of opening for panel inserts excluding portion inside grooves or rebates to be measured) panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick                   |            |                |
| <b>9.5.3</b>    | Second class teak wood                                                                                                                                                                                                                                                                                                                     | <b>sqm</b> | <b>1963.60</b> |
| <b>9.5.7A</b>   | Klin seasoned and chemically treated hollock wood for 40.35.30.25 mm thick shutters.                                                                                                                                                                                                                                                       | <b>sqm</b> | <b>1105.00</b> |
| <b>9.5.13.1</b> | Plain particle board fiat pressed, 3 layer and graded (medium density) grade 1. confirming to IS : 3078 (Code no. 0341)                                                                                                                                                                                                                    |            |                |
| <b>9.5.13.2</b> | Veneered particle board with commercial veneering on both sides conforming to IS : 3097 (code no 7468)                                                                                                                                                                                                                                     |            |                |
| <b>9.5.13.3</b> | Prelaminated particle board with decorative lamination on one and balancing lamination on other side grade 1, Type II confirming to IS : 12823. (Code no. 7477)                                                                                                                                                                            |            |                |
| <b>9.5.13.4</b> | Prelaminated particle board with decorative lamination on bot sides, grade 1, Type II confirming to IS : 12823. (Code no. 7480)                                                                                                                                                                                                            |            |                |
| <b>9.6</b>      | Providing and fixing glazed shutters for doors, windows and clerestory windows using 10 kg/square meter {4 mm thick} glass panes including black enamelled M.S. butt hinges with necessary screws.                                                                                                                                         |            |                |
| <b>9.6.3</b>    | Second class teak wood                                                                                                                                                                                                                                                                                                                     |            |                |
| <b>9.6.3.4</b>  | 35 mm thick                                                                                                                                                                                                                                                                                                                                | <b>sqm</b> | <b>2999.90</b> |
| <b>9.6.3.5</b>  | 30 mm thick                                                                                                                                                                                                                                                                                                                                | <b>sqm</b> | <b>2666.70</b> |

|             |                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                   |            |                |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|------------|----------------|
|             | <b>9.6.8</b>                                                                                                                                                                                                                                                                                                                                                               | Kiln seasoned and chemically treated hollock wood                                                 |            |                |
|             | <b>9.6.8.4</b>                                                                                                                                                                                                                                                                                                                                                             | 35 mm thick                                                                                       | <b>sqm</b> | <b>1784.20</b> |
|             | <b>9.6.8.5</b>                                                                                                                                                                                                                                                                                                                                                             | 30 mm thick                                                                                       | <b>sqm</b> | <b>1619.10</b> |
| <b>9.6A</b> | Providing and fixing glazed laminated veneer lumber shutter conforming to TADS 15-2001 (part B) & IS.14616,manufactured in factories by approved manufactures .using 10kg/sqm glass panes for doors. windows and clerestory windows including black enamelled M.S butt hinges with necessary screws as per direction of engineer-in-charge.                                |                                                                                                   |            |                |
|             | <b>9.6A.3</b>                                                                                                                                                                                                                                                                                                                                                              | 30mm thick shutters                                                                               | <b>sqm</b> | <b>2139.20</b> |
| <b>9.7</b>  | Extra for providing heavy sheet glass panes instead of ordinary glass in glazed doors , windows and clerestory window shutters. (Area of opening for glass panes excluding portion inside ewbate shall be measured).                                                                                                                                                       |                                                                                                   |            |                |
|             | <b>9.7.2</b>                                                                                                                                                                                                                                                                                                                                                               | 13.75 Kilograms per square meter per square metre (5.5 mm thick )instead of 10kg/sqm(4.0mm thick) | <b>sqm</b> | <b>174.90</b>  |
| <b>9.9</b>  | Deduct if fixed shutters (without hinge )are provided instead of open able shutters for doors, windows or clerestory windows with:                                                                                                                                                                                                                                         |                                                                                                   |            |                |
|             | <b>9.9.2</b>                                                                                                                                                                                                                                                                                                                                                               | Black enameled M.S.butt hinges with necessary screws                                              | <b>sqm</b> | <b>48.00</b>   |
| <b>9.10</b> | Providing and fixing 25mm thick shutters for cup board etc.                                                                                                                                                                                                                                                                                                                |                                                                                                   |            |                |
|             | <b>9.10.1.3</b>                                                                                                                                                                                                                                                                                                                                                            | Second class teak wood including anodized aluminum butt hinges with necessary screw               | <b>sqm</b> | <b>2357.10</b> |
| <b>9.15</b> | Providing and fixing flat pressed 3 layer particle board (medium density) exterior grade conforming to IS 3087 to frame backing or studding with screws etc. complete (Frames backing or studding to be paid separately)                                                                                                                                                   |                                                                                                   |            |                |
|             | <b>9.15.2</b>                                                                                                                                                                                                                                                                                                                                                              | 12mm thick                                                                                        | <b>sqm</b> | <b>489.20</b>  |
|             | <b>9.15.3</b>                                                                                                                                                                                                                                                                                                                                                              | 18 mm thick                                                                                       | <b>sqm</b> | <b>575.10</b>  |
| <b>9.16</b> | Providing and fixing prelaminated flat pressed 3 payer (medium density) particle board conforming to IS : 3087 with one side decorative and other side balancing lamination Grade I type II conforming to IS : 12823 in shelves with screws and M S or aluminum brackets wherever required edges to be painted with polyure there primer ( Brackets to be paid separately) |                                                                                                   |            |                |
|             | <b>9.16.2</b>                                                                                                                                                                                                                                                                                                                                                              | 18 mm thick                                                                                       | <b>sqm</b> | <b>1136.40</b> |
|             | <b>9.16.3</b>                                                                                                                                                                                                                                                                                                                                                              | 25 mm thick                                                                                       | <b>sqm</b> | <b>1229.30</b> |
| <b>9.23</b> | Providing and fixing 25 mm thick shutters for cupboards etc.including black enamelled M.S. butt hinges with necessary screws :                                                                                                                                                                                                                                             |                                                                                                   |            |                |
|             | <b>9.23.1</b>                                                                                                                                                                                                                                                                                                                                                              | Panelled or panelled and glazed shutters                                                          |            |                |

|             |                                                                                                                                                                                                                                                              |                                                                                                             |            |                |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|------------|----------------|
|             | <b>9.23.1.</b>                                                                                                                                                                                                                                               | Second class teak wood                                                                                      | <b>sqm</b> | <b>2241.20</b> |
|             | <b>9.23.2</b>                                                                                                                                                                                                                                                | Glazed shutters                                                                                             |            |                |
|             | <b>9.23.2.</b>                                                                                                                                                                                                                                               | Second class teak wood                                                                                      | <b>sqm</b> | <b>2442.90</b> |
| <b>9.24</b> | Providing and fixing flush door shutters decorative type core of block board construction with frame of 1st class hard wood and well matched teak ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.              |                                                                                                             |            |                |
|             | <b>9.24.2</b>                                                                                                                                                                                                                                                | 35 mm thick including stainless steel butt hinges with necessary screws-                                    | <b>sqm</b> | <b>2336.40</b> |
|             | <b>9.24.3</b>                                                                                                                                                                                                                                                | 30 mm thick including stainless steel butt hinges wirh necessary screws-                                    | <b>sqm</b> | <b>2148.90</b> |
| <b>9.25</b> | Providing and fixing flush door shutters non-decorative type,core of block board construction with frame of 1 st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. |                                                                                                             |            |                |
|             | <b>9.25.2</b>                                                                                                                                                                                                                                                | 35 mm thick including anodized aluminum butt hinges with necessary screws-                                  | <b>sqm</b> | <b>1711.60</b> |
|             | <b>9.25.3</b>                                                                                                                                                                                                                                                | 30 mm thick including anodised aluminum butt hinges wirh necessary screws-                                  | <b>sqm</b> | <b>1524.10</b> |
|             | <b>9.25.4</b>                                                                                                                                                                                                                                                | 25 mm thick (for cub-board) including nickel plated bright finished M.S.piano hinges with necessary screws- | <b>sqm</b> | <b>1289.90</b> |
| <b>9.26</b> | Extra for Providing and fixing flush doors with teak veneering                                                                                                                                                                                               |                                                                                                             |            |                |
|             | <b>9.26.1</b>                                                                                                                                                                                                                                                | On one side in item no.9.25                                                                                 | <b>sqm</b> | <b>399.90</b>  |
| <b>9.34</b> | Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of shutters (overall area of door shutter to be measured)                                                                                                      |                                                                                                             | <b>sqm</b> | <b>349.90</b>  |
| <b>9.35</b> | Extra for providing vision panel not exceeding 0.1 sqm in all type of flush doors (cost of glas excluded)                                                                                                                                                    |                                                                                                             |            |                |
|             | <b>9.35.1</b>                                                                                                                                                                                                                                                | Rectangular or Square                                                                                       | <b>sqm</b> | <b>137.50</b>  |
|             | <b>9.35.2</b>                                                                                                                                                                                                                                                | Circular                                                                                                    | <b>sqm</b> | <b>212.40</b>  |
| <b>9.36</b> | Extra if louvers (not exceeding 0.2 sqm) are provided in flush door shutters (overall area of door shutters to be measured)                                                                                                                                  |                                                                                                             | <b>sqm</b> | <b>362.40</b>  |
| <b>9.37</b> | Extra for cutting rebate in flush door shutters {total area of the shutter to be measured)                                                                                                                                                                   |                                                                                                             | <b>sqm</b> | <b>100.00</b>  |

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |            |                |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|----------------|
| <b>9.47A</b>    | Providing and fixing 35 mm thick wire gauze shutters using galvanized M.S.wire gauze of average width of aperture 1.4mm with wire of dia.0.63 mm for doors windows and clerestory windows including bright finished or/and black enamelled M.S.butt hinges with necessary screws                                                                                                                                                                                    |  |            |                |
| <b>9.47.1</b>   | Second class tead wood                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | <b>sqm</b> | <b>2752.30</b> |
| <b>9.47A..2</b> | Kiln seasoned and chemically treated hollock wood.                                                                                                                                                                                                                                                                                                                                                                                                                  |  | <b>sqm</b> | <b>1675.20</b> |
| <b>9.47B</b>    | Providing and fixing 35 mm thick wire gauze shutters using galvanized M.S.wire gauze of average width of aperture 1.4mm with wire of dia.0.63 mm for doors windows and clerestory windows including bright finished or/and black enamelled M.S.butt hinges with necessary screws                                                                                                                                                                                    |  |            |                |
| <b>9.47B.1</b>  | Second class teak wood                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | <b>sum</b> | <b>2752.30</b> |
| <b>9.47B.2</b>  | Kiln seasoned and chemically treated hollock wood.                                                                                                                                                                                                                                                                                                                                                                                                                  |  | <b>sqm</b> | <b>1487.60</b> |
| <b>9.48</b>     | Providing and fixiiing 30mm thick wire gauge shutters using galvanized M.S.wire gauge of average width or aperture 1.4mm with wire of dia.0.63 mm for doors windows and clerestory windows including anodized aluminum butt hinges with necessary screws:                                                                                                                                                                                                           |  |            |                |
| <b>9.48.2</b>   | Second class India teak wood                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | <b>sqm</b> | <b>2570.30</b> |
| <b>9.48.3</b>   | Kiln seasoned and chemically treated Hollock wood                                                                                                                                                                                                                                                                                                                                                                                                                   |  | <b>sqm</b> | <b>1648.70</b> |
| <b>9.49</b>     | Providing and fixing 30mm thick wire gauze shutters using galvanised M.S.wire gauze of average width of aperture 1.4mm with wire of dia 0.63 mm for doors, finished or/and black enamelled M.S.butt hinges with necessary screws:                                                                                                                                                                                                                                   |  |            |                |
| <b>9.49.1</b>   | Second class teak wood                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | <b>sqm</b> | <b>2415.70</b> |
| <b>9.49.6</b>   | Kiln seasoned and chemically treated Hollock wood                                                                                                                                                                                                                                                                                                                                                                                                                   |  | <b>sqm</b> | <b>1323.70</b> |
| <b>9.49A</b>    | Providing and fixing wire gauze laminated veneer lumber shutters conforming to TADS 15:1995,manufactured in factories by approved manufacturers using galvanised wire gauze with average with average width of aperture 1.4mm in both directions with wire of dia 0.63 mm as per IS: 1568 for doors, windows and clerestory windows including bright finished of/and black enamelled M.S.butt hinges with necessary screws as per directions of Engineer-in-charge: |  |            |                |
| <b>9.49A.2</b>  | 35mm thick shutters                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | <b>sqm</b> | <b>2201.70</b> |
| <b>9.49A.3</b>  | 30mm thick shutters                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | <b>sqm</b> | <b>1876.75</b> |
| <b>9.51</b>     | Providing 50x50x50 mm 2nd class teak wood plugs including cutting brickwork and fixing in cement mortar 1:3 (1 cement: 3 coarse sand)                                                                                                                                                                                                                                                                                                                               |  | <b>no</b>  | <b>16.30</b>   |

|                |                                                                                                                                                                                                                                                                                                                                                                                 |  |            |                  |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|------------------|
| <b>9.51A</b>   | Providing and fixing expandable fasteners of specified of specified size with necessary plastic sleeves and galvanised M.S.screws including drilling holes in masonry work/CC/R.C.C. and making good etc. complete                                                                                                                                                              |  |            |                  |
| <b>9.51A.3</b> | 25mm long                                                                                                                                                                                                                                                                                                                                                                       |  | <b>no</b>  | <b>11.50</b>     |
| <b>9.51A.4</b> | 32 mm long                                                                                                                                                                                                                                                                                                                                                                      |  | <b>no</b>  | <b>13.10</b>     |
| <b>9.51A.5</b> | 40 mm long                                                                                                                                                                                                                                                                                                                                                                      |  | <b>no</b>  | <b>16.90</b>     |
| <b>9.51A.6</b> | 50 mm long                                                                                                                                                                                                                                                                                                                                                                      |  | <b>no</b>  | <b>19.40</b>     |
| <b>9.52</b>    | Providing and fixing 2nd class teak wood plain lining tongued and grooved on and including wooden plugs complete with necessary screws and priming coat on unexposed surface                                                                                                                                                                                                    |  |            |                  |
| <b>9.52.1</b>  | 40 mm thick                                                                                                                                                                                                                                                                                                                                                                     |  | <b>sqm</b> | <b>4931.80</b>   |
| <b>9.52.2</b>  | 25 mm thick                                                                                                                                                                                                                                                                                                                                                                     |  | <b>sqm</b> | <b>3072.30</b>   |
| <b>9.54A</b>   | Providing and fixing in wait lining fiat pressed 3 layer and graded (medium density) particle board prelaminated one side decorative lamination on other side balancing lamination grade 1 ,type 2 conforming to IS : 12823 including priming coat on unexposed surface with necessary fixing arrangement and screws etc.complete                                               |  |            |                  |
| <b>9.54A.1</b> | 12 mm thick                                                                                                                                                                                                                                                                                                                                                                     |  | <b>sqm</b> | <b>1031.10</b>   |
| <b>9.54A.2</b> | 18mm thick                                                                                                                                                                                                                                                                                                                                                                      |  | <b>sqm</b> | <b>1196.10</b>   |
| <b>9.54A.3</b> | 25 mm thick                                                                                                                                                                                                                                                                                                                                                                     |  | <b>sqm</b> | <b>1292.30</b>   |
| <b>9.55</b>    | Providing and fixing 2nd class lead wood grounds consisting of battend 50x25 mm fixed over tb,3 teakwood plugs embedded in wall with cement mortar 1:3(1 cement; 3 fine sand ) with necessary iron screws including priming coat complete                                                                                                                                       |  |            |                  |
|                |                                                                                                                                                                                                                                                                                                                                                                                 |  | <b>cum</b> | <b>137738.20</b> |
| <b>9.55A</b>   | Providing and fixing specified wood frame work consisting of battens 50x25 mm fixed with rawl plug and drilling necessary holes for rawl plug etc. including priming coat complete.                                                                                                                                                                                             |  |            |                  |
| <b>9.55A.1</b> | Hollock wood.                                                                                                                                                                                                                                                                                                                                                                   |  | <b>cum</b> | <b>62484.90</b>  |
| <b>9.60</b>    | Providing and fixing 25 mm thick 1 st class teak wood plain skirting with necessary screws, priming coat on unexposed surfaces.                                                                                                                                                                                                                                                 |  |            |                  |
|                |                                                                                                                                                                                                                                                                                                                                                                                 |  | <b>sqm</b> | <b>3441.60</b>   |
| <b>9.60A</b>   | Providing and fixing skirting of prelaminated with (one side decorative other side balancing lamination) fiat pressed, 3 layer and graded particle board (medium density) (Grade 1 ,type2) conform ing to IS: 12823. with necessary fixing arrangements and screws including drilling necessary holes for rawl plugs <i>etr.</i> and priming coat on unexposed surface complete |  |            |                  |
| <b>9.60A.1</b> | 18 mm thick                                                                                                                                                                                                                                                                                                                                                                     |  | <b>sqm</b> | <b>1197.80</b>   |

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                  |            |                |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------|----------------|
|               | <b>9.60A.2</b>                                                                                                                                                                                                                                                                                                                                                                                                                                    | 25 mm thick                                      | <b>sqm</b> | <b>1294.00</b> |
| <b>9.61</b>   | Providing and fixing wooden molded beading to door and window frames with iron screws,plugs and priming coat on unexposed surface etc. complete                                                                                                                                                                                                                                                                                                   |                                                  |            |                |
|               | <b>9.61.1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2nd class teak wood                              |            |                |
|               | <b>9.61.1.1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                   | 50x12mm                                          | <b>m</b>   | <b>93.60</b>   |
|               | <b>9.61.1.2</b>                                                                                                                                                                                                                                                                                                                                                                                                                                   | 50x20mm                                          | <b>m</b>   | <b>133.50</b>  |
|               | <b>9.61.2</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     | Hollock wood                                     |            |                |
|               | <b>9.61.2.1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                   | 50x12mm                                          | <b>m</b>   | <b>63.10</b>   |
|               | <b>9.61.2.2</b>                                                                                                                                                                                                                                                                                                                                                                                                                                   | 50x20mm                                          | <b>m</b>   | <b>82.70</b>   |
| <b>9.67</b>   | Providing and fixing plain jaffri of 35x10 mm laths placed 35 mm apart (frames to be paid separately ) including fixing 50*12 mm beading complete with:                                                                                                                                                                                                                                                                                           |                                                  |            |                |
|               | <b>9.67.1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     | Second class teak wood                           | <b>sqm</b> | <b>1572.00</b> |
| <b>9.73</b>   | Providing and fixing 12mm thick 150mm wide palmet of flat pressed 3 layer particle board (medium density with 25 mm dia second class read wood curtain rod 10cm long and plug etc. Complete.                                                                                                                                                                                                                                                      |                                                  | <b>sqm</b> | <b>243.10</b>  |
| <b>9.73 A</b> | Providing and fixing 18 mm thick. 150mm wide pelmet of flat pressed 3 layer and graded particle board (medium density grade I,conforming to IS 3087) including top cover of 6 mm commercial ply wood, nickel plated M.S.pipe 20 mm dia (heavy type) curtain rod with nickel plated brackets including fixing with 25 x3 mm M.S.Hat 10cm ling and rawl plugs 50mm long ( designation 10 no.)etc. all complete Details of cost for a pelmet 2m long |                                                  | <b>sqm</b> | <b>267.10</b>  |
| <b>9.74A</b>  | Extra for using veneered particle board in item of pelmet 12 mm thick 150 mm wide                                                                                                                                                                                                                                                                                                                                                                 |                                                  |            |                |
|               | <b>9.74A.1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                    | Commercial veneered on both sides.               | <b>sqm</b> | <b>31.00</b>   |
|               | <b>9.74A.2</b>                                                                                                                                                                                                                                                                                                                                                                                                                                    | Particle board with teak veneering on both sides | <b>sqm</b> | <b>91.00</b>   |
| <b>9.74B</b>  | Providing and fixing teak wood lipping of size 25*3 mm                                                                                                                                                                                                                                                                                                                                                                                            |                                                  | <b>m</b>   | <b>35.80</b>   |
| <b>9.76</b>   | Providing and fixing curtain fods of 1.25 mm thick brass plate with brackets instead of wooden curtain rods of 25 mm dia m and brackets { Actual length of rods to be measured)                                                                                                                                                                                                                                                                   |                                                  |            |                |
|               | <b>9.76.2</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     | 20 mm dia metre                                  | <b>m</b>   | <b>103.50</b>  |
|               | <b>9.76.3</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     | 25 mm dia metre                                  | <b>m</b>   | <b>128.50</b>  |
| <b>9.79A</b>  | Providing and fixing nickel plared M.S. Pipe curtain rods with nickel plated brackets                                                                                                                                                                                                                                                                                                                                                             |                                                  |            |                |
|               | <b>9.79A.1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20mm dia (heavy type)                            | <b>m</b>   | <b>88.20</b>   |

|             |                                                                                                                                                                                                                                                                |                                                            |             |                 |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------|-----------------|
|             | <b>9.79A.2</b>                                                                                                                                                                                                                                                 | 25 mm dia (heavy type)                                     | <b>m</b>    | <b>100.70</b>   |
| <b>9.82</b> | Providing and fixing M.S. grills of requirement pattern in frames of windows etc. with M.S. flats, square or round bars etc.all complete                                                                                                                       |                                                            |             |                 |
|             | <b>9.82.1</b>                                                                                                                                                                                                                                                  | Fixed to steel windows by welding                          | <b>kg</b>   | <b>83.90</b>    |
|             | <b>9.82.2</b>                                                                                                                                                                                                                                                  | fixed to openings/wooden frames with rawl plugs screws etc | <b>kg</b>   | <b>84.90</b>    |
| <b>9.83</b> | Providing and fixing expanded metal 20x60 mm strands 3.25 wide and 1.6 mm thick for windows etc including 62x19 mm beading of lind class teak wood                                                                                                             |                                                            | <b>sqm</b>  | <b>817.00</b>   |
| <b>9.84</b> | Providing and fixing hard drawn steel wire faerie 75x25 mm mesh of weight not less than 7.75 kg per sqm to window frames etc including 62x19 mm beading of second class teak wood.                                                                             |                                                            | <b>sqm</b>  | <b>1045.60</b>  |
| <b>9.85</b> | Providing and fixing fly proof galvanized M.S. wire gauze to windows and clerestory window using galvanized M.S. wire gage with average width of aperture 1.4 mm in both directions with wire of dia.0.63 mm.                                                  |                                                            |             |                 |
|             | <b>9.85.1</b>                                                                                                                                                                                                                                                  | With second class teak wood beading 62x19 mm               | <b>sqm</b>  | <b>771.30</b>   |
|             | <b>9.85.2</b>                                                                                                                                                                                                                                                  | with mild steel U beading                                  | <b>sqm</b>  | <b>477.60</b>   |
| <b>9.87</b> | providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bots,nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement :3 coarse sand :6 graded stone aggregate 20 mm nominal size) |                                                            | <b>each</b> | <b>75.50</b>    |
| <b>9.88</b> | Providing beams including hoisting, fixing in position and applying wood preservative for the unexposed surfaces,etc. complete with:                                                                                                                           |                                                            |             |                 |
|             | <b>9.88.1</b>                                                                                                                                                                                                                                                  | Sal wood                                                   | <b>cum</b>  | <b>66830.10</b> |
|             | <b>9.88.3</b>                                                                                                                                                                                                                                                  | Hollock wood                                               | <b>cum</b>  | <b>42607.90</b> |
| <b>9.93</b> | Providing and fixing M.S. pressed butt each bright finished with necessary screws etc.complete:                                                                                                                                                                |                                                            |             |                 |
|             | <b>9.93.1</b>                                                                                                                                                                                                                                                  | 125x65x2.12 mm                                             | <b>each</b> | <b>27.50</b>    |
|             | <b>9.93.2</b>                                                                                                                                                                                                                                                  | 100x58x1.9                                                 | <b>each</b> | <b>20.30</b>    |
|             | <b>9.93.3</b>                                                                                                                                                                                                                                                  | 75x47x1.7                                                  | <b>each</b> | <b>15.70</b>    |
|             | <b>9.93.4</b>                                                                                                                                                                                                                                                  | 50x37x1.5mm                                                | <b>each</b> | <b>8.80</b>     |
| <b>9.94</b> | Providing and fixing M.S. pressed parliamentary each bright finished with necessary screws etc.complete:                                                                                                                                                       |                                                            |             |                 |
|             | <b>9.94.1</b>                                                                                                                                                                                                                                                  | 150x125x27x2.8                                             | <b>each</b> | <b>50.70</b>    |



|              |                                                                                                                           |                                             |                          |               |
|--------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------|---------------|
|              | <b>9.94.2</b>                                                                                                             | 125x125x27x2.8 mm                           | <b>each</b>              | <b>48.80</b>  |
|              | <b>9.94.3</b>                                                                                                             | 100x125x27x2.8 mm                           | <b>each</b>              | <b>39.40</b>  |
|              | <b>9.94.4</b>                                                                                                             | 75x100x20x2.24 mm                           | <b>each</b>              | <b>34.00</b>  |
| <b>9.95</b>  | Providing and fixing M.S. single acting spring each bright finished with necessary screws etc.complete:                   |                                             |                          |               |
|              | <b>9.95.1</b>                                                                                                             | 150 mm                                      | <b>each</b>              | <b>150.80</b> |
|              | <b>9.95.2</b>                                                                                                             | 125 mm                                      | <b>each</b>              | <b>144.60</b> |
|              | <b>9.95.3</b>                                                                                                             | 100 mm                                      | <b>each</b>              | <b>118.60</b> |
| <b>9.96</b>  | Providing and fixing M.S. double acting spring each bright finished with necessary screws etc.complete:                   |                                             |                          |               |
|              | <b>9.96.1</b>                                                                                                             | 150 mm                                      | <b>each</b>              | <b>157.10</b> |
|              | <b>9.96.2</b>                                                                                                             | 125 mm                                      | <b>each</b>              | <b>150.80</b> |
|              | <b>9.96.3</b>                                                                                                             | 100 mm                                      | <b>each</b>              | <b>124.80</b> |
| <b>9.97</b>  | providing 1 mm thick M.S. piano each finished with brass plating flange being 35 mm wide and fixing with necessary screws |                                             | <b>m</b>                 | <b>132.20</b> |
| <b>9.98</b>  | Providing 1 mm thick M.S. piano each finished with nickel plating and fixing with necessary screws.                       |                                             |                          |               |
|              | <b>9.98.1</b>                                                                                                             | Overall width 35 mm                         | <b>m</b>                 | <b>105.30</b> |
| <b>9.100</b> | Providing and fixing M.S. sliding door bolts bright finished or/and black enamelled,with nuts and screws etc.compelled:   |                                             |                          |               |
|              | <b>9.100.1</b>                                                                                                            | 300x16 mm                                   | <b>each sliding bolt</b> | <b>154.30</b> |
|              | <b>9.100.2</b>                                                                                                            | 250x16 mm                                   | <b>each sliding bolt</b> | <b>141.80</b> |
| <b>9.101</b> | Providing and fixing M.S. each (barrel type with necessary screws,etc.corrplete:                                          |                                             |                          |               |
|              | <b>9.101.1</b>                                                                                                            | Bright satin finished black stove enamelled |                          |               |
|              | <b>9.101.1.1</b>                                                                                                          | 250x10 mm                                   | <b>tower bolt</b>        | <b>57.60</b>  |
|              | <b>9.101.1.2</b>                                                                                                          | 200x10 mm                                   | <b>tower bolt</b>        | <b>50.30</b>  |
|              | <b>9.101.1.3</b>                                                                                                          | 150x10 mm                                   | <b>tower bolt</b>        | <b>36.30</b>  |
|              | <b>9.101.1.4</b>                                                                                                          | 100x10 mm                                   | <b>tower bolt</b>        | <b>30.10</b>  |
| <b>9.103</b> | Providing and fixing M.S. door latch with screws etc.complete -                                                           |                                             |                          |               |
|              | <b>9.103.1</b>                                                                                                            | 300x20x6 mm                                 | <b>each</b>              | <b>62.70</b>  |
|              | <b>9.103-2</b>                                                                                                            | 250x20x6 mm                                 | <b>each</b>              | <b>56.50</b>  |

|              |                                                                                                            |                    |             |               |
|--------------|------------------------------------------------------------------------------------------------------------|--------------------|-------------|---------------|
| <b>9.104</b> | Providing and fixing M.S.handles with necessary screws etc.complete                                        |                    |             |               |
|              | <b>9.104.1</b>                                                                                             | 125 mm             | <b>each</b> | <b>24.40</b>  |
|              | <b>9.104.2</b>                                                                                             | 100 mm             | <b>each</b> | <b>21.80</b>  |
|              | <b>9.104.3</b>                                                                                             | 75 mm              | <b>each</b> | <b>20.50</b>  |
| <b>9.109</b> | Providing and fixing M.S.safety each with necessary screws etc.complete                                    |                    |             |               |
|              | <b>9.109.1</b>                                                                                             | 150 mm             | <b>each</b> | <b>20.00</b>  |
|              | <b>9.109.2</b>                                                                                             | 115 mm             | <b>each</b> | <b>17.10</b>  |
|              | <b>9.109.3</b>                                                                                             | 90 mm              | <b>each</b> | <b>14.00</b>  |
| <b>9.111</b> | Providing and fixing oxidised M.S.pressed butt each with necessary screws etc.complete.                    |                    |             |               |
|              | <b>9.111.1</b>                                                                                             | 125x65x2.12 mm     | <b>each</b> | <b>28.60</b>  |
|              | <b>9.111.2</b>                                                                                             | 100x58x1.9 mm      | <b>each</b> | <b>20.30</b>  |
|              | <b>9.111.3</b>                                                                                             | 75x47x1.7 mm       | <b>each</b> | <b>15.50</b>  |
|              | <b>9.111.4</b>                                                                                             | 50x37x1.5 mm       | <b>each</b> | <b>9.10</b>   |
| <b>9.112</b> | Providing and fixing oxidised M.S. pressed parliamentary each with necessary screws etc.complete           |                    |             |               |
|              | <b>9.112.1</b>                                                                                             | 150x125x27x2.8 mm  | <b>each</b> | <b>51.30</b>  |
|              | <b>9.112.2</b>                                                                                             | 125x125x27x2.8 mm  | <b>each</b> | <b>48.80</b>  |
|              | <b>9.112.3</b>                                                                                             | 100x125x27x2.80 mm | <b>each</b> | <b>39.40</b>  |
|              | <b>9.112.4</b>                                                                                             | 75x100x20x2.24 mm  | <b>each</b> | <b>33.40</b>  |
| <b>9.113</b> | Providing and fixing oxidised M.S. single acting spring each with necessary screws etc.complete.           |                    |             |               |
|              | 9.113.1                                                                                                    | 150 mm             | <b>each</b> | <b>151.80</b> |
|              | 9.113.2                                                                                                    | 125 mm             | <b>each</b> | <b>145.60</b> |
|              | 9.113.3                                                                                                    | 100 mm             | <b>each</b> | <b>118.60</b> |
| <b>9.114</b> | Providing and fixing oxidised M.S. double acting spring each with necessary screws etc.complete.           |                    |             |               |
|              | <b>9.114.1</b>                                                                                             | 150 mm             | <b>each</b> | <b>158.10</b> |
|              | <b>9.114.2</b>                                                                                             | 125 mm             | <b>each</b> | <b>151.80</b> |
|              | <b>9.114.3</b>                                                                                             | 100 mm             | <b>each</b> | <b>124.80</b> |
| <b>9.118</b> | Providing and fixing oxidised M.S. sliding door bolts with nuts and screws etc. complete                   |                    |             |               |
|              | <b>9.118.1</b>                                                                                             | 300x16xmm          | <b>each</b> | <b>146.30</b> |
|              | <b>9.118.2</b>                                                                                             | 250x16mm           | <b>each</b> | <b>132.80</b> |
| <b>9.119</b> | Providing and fixing oxidised M.S.tower bolt black finish,(barrel type) with necessary screws etc.complete |                    |             |               |
|              | <b>9.119.1</b>                                                                                             | 250x10mm           | <b>each</b> | <b>58.20</b>  |

|              |                                                                                                                                                                                   |                            |              |               |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------|---------------|
|              | <b>9.119.2</b>                                                                                                                                                                    | 200x10mm                   | <b>each</b>  | <b>50.80</b>  |
|              | <b>9.119.3</b>                                                                                                                                                                    | 150x10mm                   | <b>each</b>  | <b>37.20</b>  |
|              | <b>9.119.4</b>                                                                                                                                                                    | 100x10mm                   | <b>each</b>  | <b>30.50</b>  |
| <b>9.12</b>  | Providing and fixing 85mmx42mm oxidised M.S. pull bolt lock conforming to IS:7534 with necessary screws bolts nut and washers etc. complete                                       |                            | <b>each</b>  | <b>61.40</b>  |
| <b>9.128</b> | Providing and fixing bright finished brass each butt each with necessary screws etc. complete.                                                                                    |                            |              |               |
|              | <b>9.128.1</b>                                                                                                                                                                    | 125x85x5.5mm(heavy type)   | <b>each</b>  | <b>393.30</b> |
|              | <b>9.128.2</b>                                                                                                                                                                    | 125x70x4mm(ordinary type)  | <b>each</b>  | <b>130.90</b> |
|              | <b>9.128.3</b>                                                                                                                                                                    | 100x85x5.5mm (heavy type)  | <b>each</b>  | <b>342.80</b> |
|              | <b>9.128.4</b>                                                                                                                                                                    | 100x70x4mm(ordinary type)  | <b>each</b>  | <b>99.10</b>  |
|              | <b>9.128.5</b>                                                                                                                                                                    | 75x65x4mm (heavy type)     | <b>each</b>  | <b>128.10</b> |
|              | <b>9.128.6</b>                                                                                                                                                                    | 75x40x2.5mm(ordinary type) | <b>each</b>  | <b>65.60</b>  |
|              | <b>9.128.7</b>                                                                                                                                                                    | 50x40x2.5mm(ordinary type) | <b>each</b>  | <b>28.10</b>  |
| <b>9.129</b> | Providing and fixing bright finished brass parliamentary each with necessary screws etc. complete.                                                                                |                            |              |               |
|              | <b>9.129.1</b>                                                                                                                                                                    | 150x125x27x5mm             | <b>hinge</b> | <b>340.80</b> |
|              | <b>9.129.2</b>                                                                                                                                                                    | 125x125x27x5mm             | <b>hinge</b> | <b>310.10</b> |
|              | <b>9.129.3</b>                                                                                                                                                                    | 100x125x27x5mm             | <b>hinge</b> | <b>272.60</b> |
|              | <b>9.129.4</b>                                                                                                                                                                    | 75x100x20x3.2mm            | <b>hinge</b> | <b>216.40</b> |
| <b>9.134</b> | Providing fixing bright finished brass each (barrel type) with screws etc. complete.                                                                                              |                            |              |               |
|              | <b>9.134.1</b>                                                                                                                                                                    | 250x10mm                   | <b>each</b>  | <b>300.40</b> |
|              | <b>9.134.2</b>                                                                                                                                                                    | 200x10mm                   | <b>each</b>  | <b>234.50</b> |
|              | <b>9.134.3</b>                                                                                                                                                                    | 150x10mm                   | <b>each</b>  | <b>190.80</b> |
|              | <b>9.134.4</b>                                                                                                                                                                    | 100x10mm                   | <b>each</b>  | <b>125.10</b> |
| <b>9.137</b> | Providing and fixing bright finished brass door latch with necessary screws etc. complete.                                                                                        |                            |              |               |
|              | <b>9.137.1</b>                                                                                                                                                                    | 300x16x5mm                 | <b>each</b>  | <b>214.10</b> |
|              | <b>9.137.2</b>                                                                                                                                                                    | 250x16x5mm                 | <b>each</b>  | <b>201.60</b> |
| <b>9.139</b> | Providing and fixing bright finished brass 100mm mortice latch and lock with 6 lever handles with necessary screws etc. complete.(best make of approved quality)                  |                            | <b>each</b>  | <b>485.20</b> |
| <b>9.14</b>  | Providing and fixing bright finished brass 100mm mortice latch with one dead bolt and a pair of lever handles with necessary screws etc. complete.(best make of approved quality) |                            | <b>each</b>  | <b>422.80</b> |
| <b>9.141</b> | Providing and fixing bright finished brass night latch including necessary screws etc. complete, (best make of approved quality)                                                  |                            | <b>each</b>  | <b>610.20</b> |

|       |                                                                                                                                                                                  |                                       |               |        |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------|--------|
| 9.142 | Providing and fixing special quality bright finished brass cupboard or ward robe olcks with four levers including necessary screws etc. complete.(best make of approved quality) |                                       |               |        |
|       | 9.142.1                                                                                                                                                                          | 40mm                                  | each          | 129.10 |
| 9.143 | Providing and fixing bright finished brass cupboard or ward robe knob with necessary screws .(best make of approved quality.)                                                    |                                       | each          | 41.40  |
| 9.146 | Providing and fixing bright finished brass handles with screws etc. complete.                                                                                                    |                                       |               |        |
|       | 9.146.1                                                                                                                                                                          | 125 mm                                | each          | 181.50 |
|       | 9.146.2                                                                                                                                                                          | 100 mm                                | each          | 162.60 |
|       | 9.146.3                                                                                                                                                                          | 75 mm                                 | each          | 125.10 |
| 9.149 | Providing and fixing bright finished brass hangging type floor door stoper with necessary screws etc. compelte.                                                                  |                                       | each          | 78.30  |
| 9.15  | Providing and fixing IS:3564 bright finished brass hydraulic door closer (best make of approved quality) with necessary accessories and screws etc. coplete.                     |                                       | each          | 680.90 |
| 9.152 | Providing and fixing bright finished brass casement window fastener with necessary screws etc. complete.                                                                         |                                       | each          | 63.70  |
| 9.153 | Providing and fixing bright finished brass caesment stayes(stright peg type) with necessary screws etc. complete.                                                                |                                       |               |        |
|       | 9.153.1                                                                                                                                                                          | 300 mm weighing not lees than 330 gms | each          | 159.20 |
|       | 9.153.2                                                                                                                                                                          | 250 mm weighing not less than 280 gms | each          | 132.40 |
|       | 9.153.3                                                                                                                                                                          | 200 mm weighing not less than 240 gms | each          | 119.90 |
| 9.158 | Providing and fixing bright finished brass hasp and                                                                                                                              |                                       |               |        |
|       | 9.158.1                                                                                                                                                                          | 150 mm                                | quadrant stay | 99.20  |
|       | 9.158.2                                                                                                                                                                          | 115 mm                                | each          | 84.20  |
|       | 9.158.3                                                                                                                                                                          | 90 mm                                 | each          | 71.70  |
| 9.207 | providing and fixing chromium plated brass                                                                                                                                       |                                       | each          | 120.90 |
| 9.208 | providing and fixing chromium plated brass each(straight peg type) with necessary screws etc. complete                                                                           |                                       |               |        |
|       | 9.208.1                                                                                                                                                                          | 300 mm weighing not less than 330 gms | each          | 183.40 |
|       | 9.208.2                                                                                                                                                                          | 250 mm weighing not less than 280 gms | each          | 158.40 |
|       | 9.208.3                                                                                                                                                                          | 200 mm weighing not less than 240 gms | each          | 133.40 |

|                |                                                                                                                                                                                                                              |  |             |               |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------|---------------|
| <b>9.215</b>   | Providing and fixing aluminium but each anodised (anodic coating not less than grade AC 10 as transport or dyed requirement colour or shade with necessary screws etc.complete                                               |  |             |               |
| <b>9.215.1</b> | 125x75x4.0 mm                                                                                                                                                                                                                |  | <b>each</b> | <b>103.20</b> |
| <b>9.215.2</b> | 125x63x4.0 mm                                                                                                                                                                                                                |  | <b>each</b> | <b>98.20</b>  |
| <b>9.215.3</b> | 100x74x4.0                                                                                                                                                                                                                   |  | <b>each</b> | <b>87.20</b>  |
| <b>9.215.4</b> | 100x63x4.0 mm                                                                                                                                                                                                                |  | <b>each</b> | <b>85.90</b>  |
| <b>9.215.5</b> | 100x63x3.2                                                                                                                                                                                                                   |  | <b>each</b> | <b>84.70</b>  |
| <b>9.215.6</b> | 75x63x4.0 mm                                                                                                                                                                                                                 |  | <b>each</b> | <b>76.20</b>  |
| <b>9.215.7</b> | 75x63x3.2 mm                                                                                                                                                                                                                 |  | <b>each</b> | <b>73.10</b>  |
| <b>9.215.8</b> | 75x45x3.2 mm                                                                                                                                                                                                                 |  | <b>each</b> | <b>65.60</b>  |
| <b>9.218</b>   | Providing and fixing alluminium sliding door bolt anodised(anodic coating not less than grade AC 10 as per IS :1868) transparent or dyed to required colour and shade with nuts and screws etc. complete:                    |  |             |               |
| <b>9.218.1</b> | 300x16 mm                                                                                                                                                                                                                    |  | <b>each</b> | <b>213.10</b> |
| <b>9.218.2</b> | 250x16 mm                                                                                                                                                                                                                    |  | <b>each</b> | <b>175.70</b> |
| <b>9.219</b>   | Providing and fixing alluminium sliding tower bolt anodised(anodic coating not less than grade AC 10 as per IS :1868) transparent or dyed to required colour and shade with nuts and screws etc. complete:                   |  |             |               |
| <b>9.219.1</b> | 300x10 mm                                                                                                                                                                                                                    |  | <b>each</b> | <b>106.10</b> |
| <b>9.219.4</b> | 150x10 mm                                                                                                                                                                                                                    |  | <b>each</b> | <b>62.30</b>  |
| <b>9.219.5</b> | 100x10 mm                                                                                                                                                                                                                    |  | <b>each</b> | <b>48.60</b>  |
| <b>9.220</b>   | Providing and fixing alluminium pull bolt lock anodised(anodic coating not less than grade AC 10 as per fS :1868) transparent or dyed to required colour and shade with necessary screws etc. complete:<br>..                |  | <b>each</b> | <b>63.90</b>  |
| <b>9.221</b>   | Providing and fixing 50 cm long aluminium kicking plate 100x3.15 mm anodised (anodic coating not less than grade AC 10 as per IS :1868) transparent or dyed to required colour and shade with necessary screws etc.complete: |  | <b>each</b> | <b>165.20</b> |
| <b>9.222</b>   | Providing and fixing alluminium handles anodised(anodic coating not less than grade AC 10 as per IS :1868) transparent or dyed to required colour and shade with necessary screws etc. complete:                             |  |             |               |
| <b>9.222.1</b> | 125 mm                                                                                                                                                                                                                       |  | <b>each</b> | <b>66.30</b>  |
| <b>9.222.2</b> | 100 mm                                                                                                                                                                                                                       |  | <b>each</b> | <b>52.50</b>  |
| <b>9.222.3</b> | 75 mm                                                                                                                                                                                                                        |  | <b>each</b> | <b>44.20</b>  |

|                |                                                                                                                                                                                                                                                              |             |               |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|
| <b>9.223</b>   | Providing and fixing alluminium hanging floor door stopper anodised (anodic coating not less than grade AC 10 as per IS :1868) transparent or dyed to required colour and shade with necessary screws etc.complete:                                          |             |               |
|                |                                                                                                                                                                                                                                                              | <b>each</b> | <b>30.10</b>  |
| <b>9.223.1</b> | Single rubber stopper                                                                                                                                                                                                                                        | <b>each</b> | <b>30.10</b>  |
| <b>9.223.2</b> | Twin rubber stopper                                                                                                                                                                                                                                          | <b>each</b> | <b>73.30</b>  |
| <b>9.224</b>   | Providing and fixing alluminium each anodised(anodic coating not less than grade AC 10 as per IS :1868) transparent or dyed to required colour and shade with necessary screws etc.complete:                                                                 |             |               |
|                |                                                                                                                                                                                                                                                              | <b>each</b> | <b>66.00</b>  |
| <b>9.225</b>   | Providing and fixing bright finished brass 100 mm mortice latch and lock with six levers and a pair of anodised (anodic coating not less than grade AC 10 as per IS : 1868)aluminium lever with necessary screws etc.completefBest make of approved quality) |             |               |
|                |                                                                                                                                                                                                                                                              | <b>each</b> | <b>735.80</b> |
| <b>9.226</b>   | Providing and fixing aluminium tee chanals(heavy duty)with rollers,stop end in pelmets as curtain rod <i>i</i>                                                                                                                                               |             |               |
|                |                                                                                                                                                                                                                                                              | <b>m</b>    | <b>57.70</b>  |

## **SUB HEAD: 10.0**

## **STEEL WORK**



BUILDING WORK - Contd.

**10.0 Steel work**

| <b>Code No.</b> | <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Unit</b> | <b>Rate Rs.</b> |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|
| <b>10.1</b>     | Structural steel work in single section fixed without connecting plate including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.                                                                                                                                                                                                                                                                                                                      | <b>kg</b>   | <b>55.40</b>    |
| <b>10.3</b>     | Structural steel work riveted or bolted in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.                                                                                                                                                                                                                                                                                                      | <b>kg</b>   | <b>64.80</b>    |
| <b>10.5</b>     | Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size with top and bottom rail of T-iron 40x40x6 mm with 40 mm dia steel pulleys complete with bolts, nuts locking arrangement stoppers handles including applying a priming coat of approved steel primer.                                                                                                                                                           | <b>sqm</b>  | <b>3634.00</b>  |
| <b>10.6</b>     | Providing and fixing 1 mm thick M.S. sheet sliding - shutters with frame and diagonal braces of 40x40x6 mm angle iron, 3 mm M.S. gusset plates at the junction and corners, 25 mm dia pulley, 40x40x6 mm angle and T-iron guide at the top bottom respectively including applying a priming coat of approved steel primer.                                                                                                                                                                                     | <b>sqm</b>  | <b>2555.30</b>  |
| <b>10.7</b>     | Providing and fixing 1 mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3mm MS gusset plates at the junction and corners. all necessary fittings complete including applying a priming coat of approved steel primer.                                                                                                                                                                                                                                                                          | <b>sqm</b>  | <b>2247.80</b>  |
|                 | 10.7.1 Using flats 30x6 mm for diagonal braces and central cross piece.                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>sqm</b>  | <b>2153.60</b>  |
| <b>10.8</b>     | Supplying and fixing rolling shutters of approved make, made of required size of M.S. laths inter locked together through their entire length and jointed together at the end by end locks mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete including the cost of providing and fixing necessary 27.5 cm long wire springs grade no. 2 and M.S. top cover of required thickness for rolling shutters. |             |                 |
|                 | <b>10.8.1</b> 80x1.25mm M.S. Laths with 1.25mm thick top cover.                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>sqm</b>  | <b>1885.60</b>  |
|                 | <b>10.8.2</b> 80x1.20mm thick M.S. laths with 1.20 mm thick top cover.                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>sqm</b>  | <b>1608.60</b>  |
|                 | <b>10.8.3</b> 80x0.90 mm thick M.S. laths with 0.90 mm thick top cover.                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>sqm</b>  | <b>1494.00</b>  |
| <b>10.9</b>     | Providing and fixing ball bearing for rolling shutters                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>sqm</b>  | <b>431.70</b>   |

|                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |            |                |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|----------------|
| <b>10.10</b>   | Extra for providing mechanical device chain and crank operation for operating rolling shutters:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |            |                |
| <b>10.10.1</b> | Exceeding 10.00 sqm and upto 16.80 sqm in area (say average 14 sqm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | <b>sqm</b> | <b>659.50</b>  |
| <b>10.10.2</b> | Exceeding 16.80 sqm in area                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | <b>sqm</b> | <b>697.00</b>  |
| <b>10.10A</b>  | Extra for providing grilled rolling shutters                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | <b>sqm</b> | <b>281.20</b>  |
| <b>10.11</b>   | Fixing standard steel glazed doors, windows and ventilatrs in walls with 15x3 mm lugs 10 cm long embedded in cement concrete blocks 15x10x10 cm of 1:3:6(1 cement: 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) or with wooden plugs and screws or rawl plugs and screws or with fixing clips or with bolts and nuts as required , including fixing of glass panes with glazing cfips and special metal-sash putty of approved make, or metal beading with screwsfonly steel windows with lugs, glass panes screws, shall be supplied by department free of cost)                                                                                                                                  |  | <b>sqm</b> | <b>227.20</b>  |
| <b>10.12</b>   | Providing and fixing steel glazed doors, windows and ventilatrs of standard rolled steel sections, joints mitered and welded with 15x3 mm lugs 10 cm long with steel lugs embedded in cement concrete blocks 15x10x10 cm of 1:3:6(1 cement: 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) or with woodenplugs and screws or rawl plugs and screws or with fixing clips or with bolts and nuts as required, including providing and fixing of glass panes with glazing clips and special metal-sash putty of approved make complete including applying a priming coat of approved steel primer; excluding the cost of metal beading and other fitting except necessary hinges or pivots as required. |  |            |                |
| <b>10.12.1</b> | Doors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | <b>sqm</b> | <b>2924.00</b> |
| <b>10.13</b>   | Extra for providing and fixing steel beading of approved shape and section with screws instread of glaxing clips and met. Sash putty in steel dorrs, windows, Ventilators and comosite units.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |            |                |
| <b>10.13A</b>  | Steel doors.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | <b>sqm</b> | <b>229.50</b>  |
| <b>10.13B</b>  | Steel windows                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | <b>sqm</b> | <b>273.50</b>  |
| <b>10.13C</b>  | Steel ventilators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | <b>sqm</b> | <b>279.30</b>  |
| <b>10.14</b>   | Providing and fixing T-iron frames for doors. windows and ventilators of mils steel Tee-sections, joints miltred and welded with 15x3 mm lugs 10 cm long embedded in cement concreete blocks 15x10x10 cm of 1:3:6 ( 1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) or with wooden plugs and screws or rawl plugs and screws or with fixing clips or with bolts and nuts as required including                                                                                                                                                                                                                                                                                             |  | <b>kg</b>  | <b>95.60</b>   |

|                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |              |               |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------------|
| <b>10.15</b>   | Providing and fixing pressed steel door confirming IS code 351 manufactured from commercial mild steel sheet of 1.25 mm thickness including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50 x 25 mm or base ties of 1.25mm pressed mild steel welded or rigidly fixed together by mechanical means, adjustable lugs with split end tail to each jamb including steel butt hinges 2.5 mm thick with mortar guards, lock strike-plate and shock absorbers as specified and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge: |              |               |
| <b>10.15.1</b> | Profile B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>metre</b> | <b>347.30</b> |
| <b>10.15.2</b> | Profile C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>metre</b> | <b>372.30</b> |
| <b>10.15.3</b> | Profile E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>metre</b> | <b>409.80</b> |
| <b>10.16</b>   | Steel work in built up tubular trusses including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, welded and bolted including special shaped washers etc. complete:                                                                                                                                                                                                                                                                                                                                                                                                                          |              |               |
| <b>10.16.1</b> | Hot finished welded type tubes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>kg</b>    | <b>83.40</b>  |
| <b>10.16.2</b> | Hot finished seamless type tubes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>kg</b>    | <b>96.40</b>  |
| <b>10.16.3</b> | Electric resistance or induction butt welded tubes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>kg</b>    | <b>105.70</b> |
| <b>10.19</b>   | Providing and fixing M.S. fan clamp type 1 of 16 mm dia. M.S. bar bent to shape with hooked ends in R.C.C slabs during laying including painting the exposed portion of loop, all as per standard design complete.                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>each</b>  | <b>108.20</b> |
| <b>10.21</b>   | Providing and fixing circular cast iron box for ceiling fan clamp 140 mm internal dia, 73 mm height, 5 mm thick rim bottom and top lids, 1.5 mm thick M.S sheet with its top surface hacked for proper bonding top lid shall be screwed into the cast iron box by means of 3.3 mm dia round headed screws, one pcf at the corners. Clamps shall be made of 12 mm dia M.S. bar bent to shape as per standard drawing.                                                                                                                                                                                                                    | <b>each</b>  | <b>120.40</b> |
| <b>10.22</b>   | Providing and fixing M.S. round holding down bolts with nuts and washer plates complete.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>kg</b>    | <b>69.50</b>  |
| <b>10.23</b>   | providing and fixing bolts upto 300 mm in length                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>kg</b>    | <b>84.30</b>  |
| <b>10.24</b>   | providing and fixing bolts above 300 mm in length                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>kg</b>    | <b>67.80</b>  |
| <b>10.25</b>   | Providing and fixing M.S. rivets of sizes in position.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>kg</b>    | <b>102.80</b> |
| <b>10.26</b>   | Welding by gas plant including transportation of gas                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>cm</b>    | <b>2.10</b>   |
| <b>10.27</b>   | Welding by electric plant including transportation of electric welding plant at site etc. complete.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>cm</b>    | <b>2.10</b>   |
| <b>10.28</b>   | Providing and fixing bright finished brass casement window fasteners of minimum weight 200 gms to side hung steel windows with necessary welding and machine screws etc. complete.                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>each</b>  | <b>65.50</b>  |

|                |                                                                                                                                                                                                                                                                                                                                                                                      |                                                   |              |               |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------|---------------|
| <b>10.29</b>   | Providing and fixing bright finished brass peg stays 300 mm long of minimum weight 330 gms.to side hung steel windows with necessary welding and machine screws etc. complete.                                                                                                                                                                                                       |                                                   | <b>each</b>  | <b>159.20</b> |
| <b>10.3</b>    | Providing and fixing bright finished brass peg stays to steel ventilators with necessary welding and machine screws etc. complete.                                                                                                                                                                                                                                                   |                                                   |              |               |
|                | <b>10.30.1</b>                                                                                                                                                                                                                                                                                                                                                                       | 300 mm long of minimum weight of 330 grams.       | <b>each</b>  | <b>159.20</b> |
|                | <b>10.30.2</b>                                                                                                                                                                                                                                                                                                                                                                       | 250 mm long of minimum weight of 240 grams.       | <b>each</b>  | <b>134.20</b> |
| <b>10.31</b>   | providing and fixing 14 mm bright finishedf brass                                                                                                                                                                                                                                                                                                                                    |                                                   | <b>each</b>  | <b>221.70</b> |
| <b>10.32</b>   | Steel work welded in built up sections/framed work including cutting hoisting, rixing in position <b>and</b> applying a priming coat of approved steel primer using structural steel, etc. as required.                                                                                                                                                                              |                                                   |              |               |
|                | <b>10.32.1</b>                                                                                                                                                                                                                                                                                                                                                                       | In stringers, treads landings etc. of stair cases | <b>kg</b>    | <b>69.90</b>  |
|                | <b>10.32.2</b>                                                                                                                                                                                                                                                                                                                                                                       | In gratings, frames, guard bar, ladders,          | <b>kg</b>    | <b>77.10</b>  |
| <b>10.33</b>   | Providing and fixing hand rail by welding etc. to steel ladder railings & staircases railing including applying a priming coat of approved steel primer                                                                                                                                                                                                                              |                                                   |              |               |
|                | <b>10.33.1</b>                                                                                                                                                                                                                                                                                                                                                                       | MS tube (medium) 40mm nominal bore                | <b>kg</b>    | <b>81.60</b>  |
|                | <b>10.33.2</b>                                                                                                                                                                                                                                                                                                                                                                       | E.R.W tube 40 mm nominal dia                      | <b>kg</b>    | <b>109.20</b> |
|                | <b>10.33.3</b>                                                                                                                                                                                                                                                                                                                                                                       | G.I pipes 40 mm nominal bore (class B)            | <b>kg</b>    | <b>91.70</b>  |
| <b>10.33.4</b> | Labour for fitting and fixing barbed wire fencing in six rows horizontal up to a height of 1.85m and two diagonals including fixing of post in cement concrete at 2.5m centres including cost of staples (but excluding the cost of cement concrete, angle, iron post, its cutting and making holes, nuts & bolts) all complete as per building specification and direction of E/I.  |                                                   | <b>Per m</b> | <b>35.60</b>  |
| <b>10.33.5</b> | Labour for fitting and fixing barbed wire fencing in FOUR rows horizontal up to a height of 1.25m and two diagonals including fixing of post in cement concrete at 2.5m centres including cost of staples (but excluding the cost of cement concrete, angle, iron post, its cutting and making holes, nuts & bolts) all complete as per building specification and direction of E/I. |                                                   | <b>Per m</b> | <b>25.10</b>  |
| <b>10.33.6</b> | Drilling 6mm Dia. In M.S. angle iron for fixing of staples etc. as per building specification and direction of E/I.                                                                                                                                                                                                                                                                  |                                                   | <b>Each</b>  | <b>4.30</b>   |
| <b>10.33.7</b> | Labour for cutting of M.S. angle iron post to required length, one end splitted as fish tailed in a length of 150mm complete as per building specification and direction of E/I.                                                                                                                                                                                                     |                                                   | <b>Each</b>  | <b>13.40</b>  |

**SUB HEAD: 11.0**  
**FLOORING WORK**

BUILDING WORK - Contd.

**11.0 Flooring**

| Code No. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unit | Rate Rs. |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|
| 11.1     | Brick on edge flooring with bricks of class designation 100A including cement slurry etc. complete in cement mortar.                                                                                                                                                                                                                                                                                                                                                                                                                           |      |          |
| 11.1.1   | 1:4 (1 cement: 4 coarse sand)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | sqm  | 511.90   |
| 11.1.2   | 1:6(1 cement:6 coarse sand)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | sqm  | 476.40   |
| 11.4     | Cement concrete flooring 1:2:4(1 cement:2 coarse:sand:4 graded stone agregate) finished with a floating coat of neat cement including cement slurry, etc. but excluding the cost of nosing of steps etc. complete.                                                                                                                                                                                                                                                                                                                             |      |          |
| 11.4.2   | 40 mm thick with 20 mm nominal size stone aggregate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | sqm  | 207.60   |
| 11.8     | 52 mm thick cement concrete flooring with metallic concrete hardener topping under layer 40 mm thick cement concrete 1:2:4(1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick metallic concrete hardener consisting of mix 1:2 (1 cement hardener mix:2 stone aggregate 6 mm nominal size) by volume @ 2 liter per 50 kg of cement or as per manufacture specification. This includes cost of cement slurry, etc. but excluding the cost of nosing of steps etc. complete.                          | sqm  | 316.10   |
| 11.9     | 62 mm thick cement concrete flooring with metallic concrete hardener topping under layer 50 mm thick cement concrete 1:2:4(1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size) and top layer 12mm thick metallic cement hardener consisting of mix 1:2(1 cement hardener mix:2 stone aggregate 6 rnr.. ominal size) by volume hardning compound is mixed @ 2 liter per 50 kg of cement or as per manufacture specification. This includes cost of cement slurry, etc. but excluding the cost of nosing of steps etc. complete. | sqm  | 347.70   |
| 11.1     | Cement plaster skirting (upto 30 cm hieght) with cement mortar 1:3 (1 cement:3 coarse sand) finished with a floating coat of neat cement.                                                                                                                                                                                                                                                                                                                                                                                                      |      |          |
| 11.10.1  | 18 mm thick                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | sqm  | 189.93   |

|                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            |                |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|
| <b>11.13</b>   | Cement concrete pavement with 1:2:4(1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size) including finishing complete.                                                                                                                                                                                                                                                                                                                                                                                                 | <b>cum</b> | <b>3712.40</b> |
| <b>11.14</b>   | Extra for making chequers of approved pattern on cement concrete floors, steps, landing, pavemerts etc.                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>sqm</b> | <b>16.60</b>   |
| <b>11.15</b>   | 40 mm thick marble chips flooring rubbed and polished to granolithic finish, under layer 34 mm thick cement concrete 1:2:4(1 cement:2 coarse sand:4 graded stone aggregate 12.5 mm nominal size) and top layer 6 mm thick with white, blacm, chocolate, grey, yellow or Baroda green marble chips of sizes form 1 mm to 4 mm nominal size laid in cement marble powder mix 3:1(3 cement: 1 marble powder) by weight in proportion of 4:7 (4 cement marble powder mix:7 marble chips) by volume including cement slurry etc. complete. |            |                |
| <b>11.15.1</b> | Dark shade pigment with ordinary cement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>sqm</b> | <b>360.90</b>  |
| <b>11.15.2</b> | Light shade pigment with white cement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>sqm</b> | <b>401.90</b>  |
| <b>11.15.3</b> | Medium shade pigment with 50% white cement and 50% ordinary cement.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>sqm</b> | <b>380.50</b>  |
| <b>11.15.4</b> | White cement without any pigment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>sqm</b> | <b>387.60</b>  |
| <b>11.15.5</b> | Light shade pigment with ordinary cement.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>sqm</b> | <b>366.20</b>  |
| <b>11.15.6</b> | Ordinary cement without any pigment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>sqm</b> | <b>341.30</b>  |
| <b>11.16</b>   | 40 mm thick marble chips flooring, rubbed and polished to granolithic finish, under layer 31 mm thick cement concrete 1:2:4(1 cement:2 coarse sand:4 graded stone aggregate 12.5 mm nominal size) and top layer 9 mm thick with white, black.chocolate, grey, yellow or Baroda green marble chips of sizes from 4 mm to 7 mm nominal size laid in cement marble powder mix 3:1 (3 cement:1 marble powder) by weight in proportion of 4:7( 4 cement marble powder mix:7 marble chips) by volume including cement slurry etc. complete. |            |                |
| <b>11.16.1</b> | Dark shade pigment with ordinary cement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>sqm</b> | <b>315.70</b>  |
| <b>11.16.2</b> | Light shade pigment with white cement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>sqm</b> | <b>374.20</b>  |
| <b>11.16.3</b> | Medium shade pigment with 50% white cement and 50% ordinary cement                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>sqm</b> | <b>343.70</b>  |
| <b>11.16.4</b> | White cement without any pigment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>sqm</b> | <b>352.40</b>  |
| <b>11.16.5</b> | Light shade pigment with ordinary cement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>sqm</b> | <b>323.30</b>  |
| <b>11.16.6</b> | Ordinary cement without any pigment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>sqm</b> | <b>300.30</b>  |



|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |               |
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| <b>11.17</b>     | 40 mm thick marble chips flooring,rubbed and polished to granolithic finish, under layer 28 mm thick cement concrete 1:2:4(1 cement:2 coarse sand:4 graded stone aggregate 12.5 mm nominal size) and top layre 12 mm thick with white, balck, chocoate, grey, yellow or Baroda gren marble chips of sizes for 7 mm to 10 mm nominal size laid in cement marble powder mix 3:1(3 cement :1 marble powder mix :3marble chips) by volume including cement slurry etc. complete. |              |               |
| <b>11.17.1</b>   | Dark shade pigment with ordinary cemenL                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>sqm</b>   | <b>336.20</b> |
| <b>11.17.2</b>   | Light shade pigment with white cement                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>sqm</b>   | <b>418.10</b> |
| <b>11.17.3</b>   | Medium shade pigment with 50% white cement and 50% ordinary cement                                                                                                                                                                                                                                                                                                                                                                                                           | <b>sqm</b>   | <b>386.40</b> |
| <b>11.17.4</b>   | White cement without any pigment                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>sqm</b>   | <b>389.10</b> |
| <b>11.17.5</b>   | Light shade pigment with ordinary cement                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>sqm</b>   | <b>401.10</b> |
| <b>11.17.6</b>   | Ordinary cement without any pigment                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>sqm</b>   | <b>317.70</b> |
| <b>11.18</b>     | Marble chips skirting (up to 30 cm height) rubbed and polished to granolithic finish, top layer 6mm thick with white, black, chocolate, grey, yellow or green marble chips of sizes from smallest to 4mm nominal size laid in cement marble powder mix 3:1 (3 cement: 1 marble powder) by weight in proportion of 4:7 94 cement marble poweder mix: 7 barbie chips) by volume:                                                                                               |              |               |
| <b>11.18.1</b>   | 18 mm thick with under layer 12 mm thick cement                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>sqm</b>   | <b>388.20</b> |
| <b>11.18.2</b>   | 21 mm thick with under layer 15 thick cement plaster 1:3(1 cement:3 coarse sand)                                                                                                                                                                                                                                                                                                                                                                                             |              |               |
| <b>11.18.2.1</b> | Dark shade pigment with ordinary cement                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>sqm</b>   | <b>454.60</b> |
| <b>11.18.2.2</b> | Light shade pigment with white cement                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>sqm</b>   | <b>495.50</b> |
| <b>11.18.2.3</b> | Medium shade pigment with 50 % white cement and 50% ordinary cement                                                                                                                                                                                                                                                                                                                                                                                                          | <b>sqm</b>   | <b>474.20</b> |
| <b>11.18.2.4</b> | White cement without any pigment                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>sqm</b>   | <b>481.20</b> |
| <b>11.18.2.5</b> | Light shade pigment with ordinary cement                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>sqm</b>   | <b>459.90</b> |
| <b>11.18.2.6</b> | Ordinary cement without any pigment                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>sqm</b>   | <b>474.10</b> |
| <b>11.20</b>     | Providing and fixing glass strips in joints of terrazo/cement concrete floors.                                                                                                                                                                                                                                                                                                                                                                                               |              |               |
| <b>11.20.1</b>   | 40 mm wide and 4 mm thick                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>meter</b> | <b>24.00</b>  |

|                 |                                                                                                                                                                                                                                                                                                                                              |  |            |               |
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| <b>11.24</b>    | Extra for laying terrazo flooring on stair case treads not exceeding 30cm in width including cost of forming, nosising etc.                                                                                                                                                                                                                  |  | <b>sqm</b> | <b>18.90</b>  |
| <b>11.29</b>    | Precast terrazo tiles 22 mm thick with marble chips of sizes upto 6 mm laid in floors and landings jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete with precast tiles on 20 mm thick bed of cement mortar 1:4(1 cement:4 coarse sand)                           |  |            |               |
| <b>11.29.1</b>  | Light shade using white cement                                                                                                                                                                                                                                                                                                               |  | <b>sqm</b> | <b>642.80</b> |
| <b>11.29.2</b>  | Medium shade using 50% white cement and 50% ordinary cement                                                                                                                                                                                                                                                                                  |  | <b>sqm</b> | <b>592.10</b> |
| <b>11.29.3</b>  | Dark shade using ordinary cement                                                                                                                                                                                                                                                                                                             |  | <b>sqm</b> | <b>483.10</b> |
| <b>11.29.4</b>  | Ordinary cement without any pigment                                                                                                                                                                                                                                                                                                          |  | <b>sqm</b> | <b>451.40</b> |
| <b>11.3</b>     | Extra if terrazo tiles are laid in treads of steps not exceeding 30 cm in width                                                                                                                                                                                                                                                              |  | <b>sqm</b> | <b>25.00</b>  |
| <b>11.31</b>    | Precast terrazo tiles 22 mm thick with marble chips of sizes upto 6 mm in skirting and risers of steps not exceeding 30 cm in height, on 12 mm thick cement plaster 1:3 (1 cement:3 coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete with tiles of. |  |            |               |
| <b>11.31.1</b>  | Light shade using white cement                                                                                                                                                                                                                                                                                                               |  | <b>sqm</b> | <b>850.30</b> |
| <b>11.31.2</b>  | Medium shade using 50% white cement and 50% ordinary cement                                                                                                                                                                                                                                                                                  |  | <b>sqm</b> | <b>646.90</b> |
| <b>11.31.3</b>  | Dark shade using ordinary cement                                                                                                                                                                                                                                                                                                             |  | <b>sqm</b> | <b>580.40</b> |
| <b>11.31.4</b>  | Ordinary cement without any pigment                                                                                                                                                                                                                                                                                                          |  | <b>sqm</b> | <b>548.80</b> |
| <b>11.34A</b>   | Chequered terrazo tiles 22 mm thick with marble chips of sizes upto 6 mm in floors jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete on 20 mm thick bed of cement mortar 1:4 (1 cement:4 coarse sand)                                                             |  |            |               |
| <b>11.34A.1</b> | Light shade using white cement                                                                                                                                                                                                                                                                                                               |  | <b>sqm</b> | <b>725.30</b> |
| <b>11.34A.2</b> | Medium shade using 50% white cement and 50% ordinary cement                                                                                                                                                                                                                                                                                  |  | <b>sqm</b> | <b>647.10</b> |
| <b>11.34A.3</b> | Dark shade using ordinary cement                                                                                                                                                                                                                                                                                                             |  | <b>sqm</b> | <b>573.00</b> |
| <b>11.34A.4</b> | Ordinary cement without pigment                                                                                                                                                                                                                                                                                                              |  | <b>sqm</b> | <b>541.30</b> |
| <b>11.34B</b>   | Chequered precast cement concrete tiles 22 mm thick with marble chips of size 6 mm in footpath & courtyard jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and cleaning etc. Complete on 20 mm thick bed of cement mortar 1:4(1 cement:4 coarse sand)                                       |  |            |               |
| <b>11.34B.1</b> | Light shade using white cement                                                                                                                                                                                                                                                                                                               |  | <b>sqm</b> | <b>964.50</b> |

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|               | <b>11.34B.2</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Medium shade using 50% white cement 50% grey cement | <b>sqm</b> | <b>788.30</b>  |
|               | <b>11.34B.3</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Dark shade using ordinary cement                    | <b>sqm</b> | <b>581.80</b>  |
|               | <b>11.34B.4</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ordinary cement without any pigments                | <b>sqm</b> | <b>550.20</b>  |
| <b>11.36</b>  | Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (Thickness to be specified by the manufacture) of approved make in all colours, shades except burgundy , bottle green , black of any size as approved by Engineer-in-charge in skirting , risers of steps and dados over 12 mm thick bed of cement Motar 1:3(1 cement: 3 coarse sand ) and jointing with grey cement slurry @ 3.3 kg per sqm including pointing in white cement mixed with pigment of matching shade complete. |                                                     | <b>sqm</b> | <b>844.00</b>  |
| <b>11.37</b>  | Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturer) of ist quality conforming to IS : 15622 of approved make in colours such as white , Ivory , Grey , Fume Red , Brown , laid on 20 mm thick Cement motar 1:4 (1 cement: 4 coarse sand ) including pointing the joints with white cement and matching pigment etc., complete.                                                                                                                              |                                                     | <b>sqm</b> | <b>912.80</b>  |
| <b>11.38</b>  | Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturer) of ist quality conforming to IS : 15622 of approved make in colours such shades except white , Ivory , Grey , Fume Red , Brown , laid on 20 mm thick Cement motar 1:4 (1 cement: 4 coarse sand ) including pointing the joints with white cement and matching pigment etc., complete.                                                                                                                   |                                                     | <b>sqm</b> | <b>922.00</b>  |
| <b>11.39</b>  | Providing and laying Ceramic glazed floor tiles 400x400 mm (thickness to be specified by the manufacturer) of 1 st quality conforming to IS : 13755 of NITCO , ORIENT , SOMANY , KAJARIA or equivalent make in colours such as white , Ivory , Grey , Fume , Red , Brown , laid on 20 mm thick cement motar 1:4 (1 cement: 4 Coarse sand) including grouting the joints with white cement and matching pigments etc, complete.                                                                                     |                                                     | <b>sqm</b> | <b>1109.60</b> |
| <b>11.40.</b> | Providing and laying Ceramic glazed floor tiles 400x400 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 13755 of NITCO , ORIENT , SOMANY , KAJARIA or equivalent make in colours except white , Ivory , Grey , Fume , Red , Brown , laid on 20 mm thick cement motar 1:4 (1 cement: 4 Coarse sand) including grouting the joints with white cement and matching pigments etc, complete.                                                                                       |                                                     | <b>sqm</b> | <b>1142.40</b> |
| <b>11.41</b>  | Providing and laying vitrified floor tiles in different sizes {thickness to be specified by the manufactruer) with water absorption's less than 0.08 % and conforming to IS : 15622 of approved make in all colours and shades, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand ) including grouting the joint with white cement and matching pigments etc., complete.                                                                                                                              |                                                     |            |                |

|                            |                                                                                                                                                                                                                                                                                       |                                                                     |            |                |
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|                            | <b>1.1.41.1</b>                                                                                                                                                                                                                                                                       | Size of Tile 50x50 cm.                                              | <b>sqm</b> | <b>1404.80</b> |
|                            | <b>11.41.2</b>                                                                                                                                                                                                                                                                        | Size of Tile 60x60 cm                                               | <b>sqm</b> | <b>1575.40</b> |
|                            | <b>11.41.3</b>                                                                                                                                                                                                                                                                        | Size of Tile 80x80 cm                                               | <b>sqm</b> | <b>1844.40</b> |
|                            | <b>11.41.4</b>                                                                                                                                                                                                                                                                        | Size of Tile 100x100 cm                                             | <b>sqm</b> | <b>2579.20</b> |
| <b>11.41A</b>              | Tile work in skirting, risers of steps and dado(upto 2m height) over 12 mm thick bed of cement mortar 1:3(1 cement:3 coarse sand) and jointed with grey cement slurry@ 3.3 kg/sqm including pointing in white cement mixed with pigment of matching shade complete.                   |                                                                     |            |                |
|                            | <b>11.41A.1</b>                                                                                                                                                                                                                                                                       | Marble tiles (polished) Raj nagar 8 mm thick                        | <b>sqm</b> | <b>899.10</b>  |
| <b>11.42</b>               | Marble stone flooring with 18 mm thick marble stone (sample of marble shall be approved by Engineer-in-charge) over 20 mm (average) thick base of cement mortar 1:4 (1 cement: 4 coarse sand) laid and jointed with grey cement slurry including rubbing and polishing complete with: |                                                                     |            |                |
|                            | <b>11.42.1</b>                                                                                                                                                                                                                                                                        | White Marble-                                                       |            |                |
|                            | <b>11.42.7.1</b>                                                                                                                                                                                                                                                                      | Rajnagar plain white marble 18mm thick above 0.10 sqm upto 0.20 sqm | <b>sqm</b> | <b>1684.80</b> |
|                            | <b>11.42.7.2</b>                                                                                                                                                                                                                                                                      | Rajnagar plain white marble 18mm thick above 0.20 sqm upto 0.50 sqm | <b>sqm</b> | <b>1785.40</b> |
|                            | <b>11.42.9</b>                                                                                                                                                                                                                                                                        | Black Zebra marble                                                  | <b>sqm</b> | <b>1483.60</b> |
|                            | <b>11.42.14</b>                                                                                                                                                                                                                                                                       | Udaipur green marble                                                | <b>sqm</b> | <b>1756.60</b> |
|                            | <b>11.42.18</b>                                                                                                                                                                                                                                                                       | Pink marble                                                         | <b>sqm</b> | <b>1684.80</b> |
| <b>11.46</b>               | Extra for nosing in marble stone for treads                                                                                                                                                                                                                                           |                                                                     | <b>sqm</b> | <b>144.50</b>  |
| <b>11.47</b>               | Extra for marble stone flooring in treads of steps. Not exceeding 30 cm in width.                                                                                                                                                                                                     |                                                                     | <b>sqm</b> | <b>170.90</b>  |
| <b>11.48</b>               | Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete .                                                                                   |                                                                     |            |                |
|                            | <b>11.48.1</b>                                                                                                                                                                                                                                                                        | 25mm thick                                                          | <b>sqm</b> | <b>909.40</b>  |
| <b>11.49</b>               | Kota stone slabs 25 mm thick in risers of steps skirting. Dado & pillars laid on 12 mm (average) thick cement mortar 1:3(1 cement; 3 coarse sand ) and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete.    |                                                                     | <b>sqm</b> | <b>1133.10</b> |
| <b>SAND STONE FLOORING</b> |                                                                                                                                                                                                                                                                                       |                                                                     |            |                |
| <b>11.50</b>               | Supplying sand stone 40 mm thick for flooring ,carriage to site and rough chisel dressing                                                                                                                                                                                             |                                                                     |            |                |
|                            | <b>11.50.1</b>                                                                                                                                                                                                                                                                        | Red sand stone                                                      | <b>sqm</b> | <b>267.90</b>  |

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |            |                |
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|               | <b>11.50.2</b>                                                                                                                                                                                                                                                                                                                                                                                                                         | white sand stone    | <b>sqm</b> | <b>288.50</b>  |
| <b>11.51.</b> | 40 mm thick rough chisel dressed stone flooring over 20 mm (average) thick base with joint finished flush.                                                                                                                                                                                                                                                                                                                             |                     |            |                |
|               | <b>11.51.1</b>                                                                                                                                                                                                                                                                                                                                                                                                                         | Red sand stone      | <b>sqm</b> | <b>437.90</b>  |
|               | <b>11.51.2</b>                                                                                                                                                                                                                                                                                                                                                                                                                         | White sand stone    | <b>sqm</b> | <b>458.50</b>  |
| <b>11.52</b>  | 40 mm thick rough chisel dressed stone flooring over 20 mm (average) thick base including pointing with C.M 1:2 (1 cement :2 stone dust) with an admixture of pigment to match the shade of the stone with base 1:1:1 (1 lime : 1surkhi : coarse sand or 1:5 (1 cement : 5 coarse sand)                                                                                                                                                |                     |            |                |
|               | <b>11.52.1</b>                                                                                                                                                                                                                                                                                                                                                                                                                         | Red sand stone      | <b>sqm</b> | <b>405.10</b>  |
|               | <b>11.52.2</b>                                                                                                                                                                                                                                                                                                                                                                                                                         | white sand stone    | <b>sqm</b> | <b>425.70</b>  |
| <b>11.53</b>  | 40 mm thick fine dressed stone flooring over 20 mm (average) thick base with joint finished flush:base 1:5 (1 cement: 5 coarse sand )                                                                                                                                                                                                                                                                                                  |                     |            |                |
|               | <b>11.53.1</b>                                                                                                                                                                                                                                                                                                                                                                                                                         | Red sand stone      | <b>sqm</b> | <b>952.70</b>  |
|               | <b>11.53.2</b>                                                                                                                                                                                                                                                                                                                                                                                                                         | White sand Jtone    | <b>sqm</b> | <b>973.30</b>  |
| <b>11.58</b>  | Extra for nosing in steps and treads of kota stone slab                                                                                                                                                                                                                                                                                                                                                                                |                     | <b>m</b>   | <b>39.90</b>   |
| <b>11.59</b>  | Extra for kota stone floring in steps and trades not exceeding 30 cm in width                                                                                                                                                                                                                                                                                                                                                          |                     | <b>sqm</b> | <b>8.70</b>    |
| <b>11.67</b>  | 25 mm wooden planking, tongued and grooved in flooring including fixing with iron screws complete .                                                                                                                                                                                                                                                                                                                                    |                     |            |                |
|               | <b>11.67.2</b>                                                                                                                                                                                                                                                                                                                                                                                                                         | 2nd class teak wood | <b>sqm</b> | <b>3227.50</b> |
| <b>11.68</b>  | 38 mm thick parquet (wood block) flooring of 1st class teak wood laid over 25 mm thick levelling layer of cement concrete 1:2:4(1 cement:2 coarse sand:4 store aggregate 10 mm nominal size) to be paid separately coated with a thin layer of hot bitumen (blown type) @ 2.45 kg per sqm. including fixing blocks in position after dipping in hot bitumen (blown type) upto half depth,planed,levelled smooth and finished complete. |                     | <b>sqm</b> | <b>5123.40</b> |
| <b>11.71</b>  | Providing and fixing M.S. angle 50x50x5 mm to act as nosing with tugs of M.S. flat 10x5 mm 10 cm long forked at end 60 cm apart (minimum 3 lugs to be provided) including necessary welding and applying a priming coat of approved primer on exposed surfaces etc. complete                                                                                                                                                           |                     | <b>kg</b>  | <b>91.20</b>   |
| <b>11.72</b>  | Providing designation 100 A one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I,                                                                                                                                                                                                                                            |                     | <b>sqm</b> | <b>212.90</b>  |

|              |                                                                                                                                                                                                                                                                                                                                                                            |            |               |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------|
| <b>11.73</b> | Providing designation 100 A one brick on edge soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I,                                                                                                                                                                             | <b>sqm</b> | <b>342.10</b> |
| <b>11.74</b> | Providing designation 100 B one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I, but excluding carriage cost of bricks & sand.                                                                                                                                  | <b>sqm</b> | <b>197.70</b> |
| <b>11.75</b> | Providing designation 100 B one brick on edge soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I,                                                                                                                                                                             | <b>sqm</b> | <b>316.70</b> |
| <b>11.76</b> | Providing average 150mm thick dry rammed khoa beaten to 112mm (compacted with water) made of well burnt or jhama bricks including ramming properly till compacted thickness is achieved, curing and carriage of water with all leads, making proper slope and blinding the top with cement mortar (1: 10) all complete as per building specification and direction of E/I, | <b>sqm</b> | <b>283.50</b> |

**SUB HEAD: 12.0**  
**ROOFING WORK**



## BUILDING WORK - Contd.

**12.0 Roofing**

| Code No. | Description                                                                                                                                                                                                                                                                                                                                                                          | Unit | Rate Rs. |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|
| 12.1     | Providing corrugated G.S. sheet roofing fixed with G.I.J. or hooks, bolts and nuts 8 mm diameter with bitumen and G. I. limpet washers or with G.I. limpet washers filled with white lead and including a coat of approved steel primer and two coats of approved paint on over lapping of sheets complete (upto a pitch of 60°) excluding the cost of purlins, rafters and trusses. |      |          |
| 12.1.3   | 1.00 mm thick with zinc coating not less than 275 gm/m <sup>2</sup>                                                                                                                                                                                                                                                                                                                  | sqm  | 906.60   |
| 12.1.4   | 0.8mm thick with zinc coating not less than 275 gm/m <sup>2</sup>                                                                                                                                                                                                                                                                                                                    | sqm  | 763.10   |
| 12.1.5   | 0.63 mm thick with zinc coating not less than 275 gm/m <sup>2</sup>                                                                                                                                                                                                                                                                                                                  | sqm  | 641.00   |
| 12.2     | Extra for providing and fixing corrugated G. S. sheets vertically or to a pitch exceeding 60                                                                                                                                                                                                                                                                                         | sqm  | 5.30     |
| 12.3     | Extra for providing and fixing curved C.G.S. sheets on roofing                                                                                                                                                                                                                                                                                                                       |      |          |
| 12.3.4   | 0.80 mm thick                                                                                                                                                                                                                                                                                                                                                                        | sqm  | 6.00     |
| 12.3.5   | 0.63 mm thick                                                                                                                                                                                                                                                                                                                                                                        | sqm  | 4.80     |
| 12.4     | Extra for straight cutting in C.G. S. sheet roofing for making opening of area exceeding 40 dm <sup>2</sup> for chimney stacks , sky light etc.                                                                                                                                                                                                                                      |      |          |
| 12.4.3   | 1.00 mm thick                                                                                                                                                                                                                                                                                                                                                                        | m    | 23.20    |
| 12.4.4   | 0.80 mm thick                                                                                                                                                                                                                                                                                                                                                                        | m    | 18.50    |
| 12.4.5   | 0.63 mm thick                                                                                                                                                                                                                                                                                                                                                                        | m    | 18.50    |
| 12.5     | Extra for circular cutting in C. G. S. sheet roofing for making opening of area exceeding 40 square decimeter .                                                                                                                                                                                                                                                                      |      |          |
| 12.5.3   | 1.0 mm thick                                                                                                                                                                                                                                                                                                                                                                         | m    | 131.60   |
| 12.5.4   | 0.80 mm thick                                                                                                                                                                                                                                                                                                                                                                        | m    | 105.10   |
| 12.5.5   | 0.63 mm thick                                                                                                                                                                                                                                                                                                                                                                        | m    | 105.10   |
| 12.6     | Providing ridges or hips of width 60 cm overall width plain G.S. sheet fixed with G.I.J. or L hooks . Bolts and nuts 8 mm dia. G. 1. limpet and bitumen washers complete. .                                                                                                                                                                                                          |      |          |
| 12.6.1   | 0.80 mm thick with zinc coating not less than 275 gm/m <sup>2</sup><br>Consider the length of the ridge 10.35 metres. The ridge will be made out of plain G. I. sheets 0.9 m x 1.8 m ,                                                                                                                                                                                               | m    | 450.00   |
| 12.6.2   | 0.63 mm thick with zinc coating not less than 275 gm/m <sup>2</sup>                                                                                                                                                                                                                                                                                                                  | m    | 386.90   |
| 12.7     | Providing valleys of 90 cm wide overall in plain G.S. sheet fixed with G.I.J. or L hooks, bolts and nuts 8 mm dia. G.I. limpet and bitumen washers complete.                                                                                                                                                                                                                         |      |          |
| 12.7.1   | 1.60 mm thick with zinc coating not less than 350 gm/m <sup>2</sup>                                                                                                                                                                                                                                                                                                                  | m    | 899.30   |

|       |                                                                                                                                                                                                                                         |                                                                                                       |      |        |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|------|--------|
| 12.8  | Providing flashing of 40 cm over all width in plain, G.S. sheet fixed with G.I.J. or L. hooks, bolts and nuts G.I. limpet and bitumen washers complete, bent to shape and fixed in wall with cement mortar 1:3(1 cement:3 coarse sand). |                                                                                                       |      |        |
|       | 12.8.2                                                                                                                                                                                                                                  | 1.00 mm thick with zinc coating not less than 275 gm/m <sup>3</sup>                                   | m    | 318.30 |
| 12.9  | Providing and fixing 15 cm wide 45 cm over all semi circular plain G.S. sheet gutter with iron brackets 40x3 mm size bolts, nuts and washers etc. including making necessary connections with rain water pipes complete.                |                                                                                                       |      |        |
|       | 12.9.3                                                                                                                                                                                                                                  | 0.80 mm thick with zinc coating not less than 275 gm/m <sup>2</sup>                                   | m    | 413.50 |
|       | 12.9.4                                                                                                                                                                                                                                  | 0.63 mm thick with zinc coating not less than 275 gm/m <sup>2</sup> consider a length of 9.04 metres. | m    | 357.80 |
| 12.1  | Providing asbestos cement 6 mm thick corrugated sheets roofing and fixing with G.I. J or L hooks bolts and nuts 8 mm dia G. I. plain and bitumen washers complete excluding the cost of purlins, rafters and trusses corrugated sheet.  |                                                                                                       |      |        |
|       | 12.10.1                                                                                                                                                                                                                                 | upto 60 degree pitch                                                                                  | sqm  | 307.80 |
|       | 12.10.2                                                                                                                                                                                                                                 | above 60 degree pitch                                                                                 | sqm  | 313.30 |
| 12.11 | Extra for straight cutting in A.C. corrugated, semi corrugated 6 mm thick sheet roofing for making opening of area exceeding 40 dm <sup>2</sup> for chimney stacks, skylights etc.                                                      |                                                                                                       | m    | 18.50  |
| 12.12 | Extra for circular cutting in A.C. corrugated/semi corrugated 6 mm thick sheet roofing for making opening of area exceeding 40 dm <sup>2</sup>                                                                                          |                                                                                                       | m    | 154.50 |
| 12.13 | Extra for providing and fixing wind ties of 40x6mm flat iron section.                                                                                                                                                                   |                                                                                                       | m    | 112.90 |
| 12.14 | Providing and fixing ridges and hips in asbestos cement sheet roofing                                                                                                                                                                   |                                                                                                       |      |        |
|       | 12.14.1                                                                                                                                                                                                                                 | One piece plain angular ridges Consider a shed of 20x 10 m (external dimensions at plinth )           | m    | 198.20 |
|       | 12.14.2                                                                                                                                                                                                                                 | Serrated of plain wing adjustable ridges Consider a shed of 20x10 m ( external dimension at plinth)   | m    | 262.50 |
|       | 12.14.3                                                                                                                                                                                                                                 | Close fitting adjustable ridges consider a shed 20x10 metre (External dimension at plinth).           | m    | 337.30 |
|       | 12.14.5                                                                                                                                                                                                                                 | Unserrated adjustable hips consider a shed with hip as 20.2 metres.                                   | m    | 262.20 |
| 12.15 | Providing and fixing asbestos cement roofing with-----galvanized iron J or L hooks, bolts and nuts and of G.I. seam bolts and nuts, G.I. plain and bitumen washers complete:                                                            |                                                                                                       |      |        |
|       | 12.15.1                                                                                                                                                                                                                                 | Approan flashing pieces                                                                               | m    | 188.20 |
|       | 12.15.2                                                                                                                                                                                                                                 | Eves filler pieces                                                                                    | m    | 140.80 |
|       | 12.15.3                                                                                                                                                                                                                                 | North light and ventilator curves                                                                     | m    | 347.60 |
|       | 12.15.4                                                                                                                                                                                                                                 | Barge boards                                                                                          | m    | 223.70 |
|       | 12.15.6                                                                                                                                                                                                                                 | Ridge finials                                                                                         | pair | 137.60 |

|              |                  |                                                                                                                                                                                                                                                                                                                                                         |             |                |
|--------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|
|              | <b>12.15.8</b>   | Curved barge boards for north light curves                                                                                                                                                                                                                                                                                                              | <b>each</b> | <b>244.40</b>  |
|              | <b>12.15.9</b>   | Roof lights                                                                                                                                                                                                                                                                                                                                             | <b>each</b> | <b>1373.30</b> |
|              | <b>12.15.10</b>  | Expansion joints for ridges                                                                                                                                                                                                                                                                                                                             | <b>each</b> | <b>402.90</b>  |
|              | <b>12.15.11</b>  | Expansion joints for north light curves                                                                                                                                                                                                                                                                                                                 | <b>each</b> | <b>316.30</b>  |
|              | <b>12.15.12</b>  | S type louvers                                                                                                                                                                                                                                                                                                                                          | <b>m</b>    | <b>117.40</b>  |
| <b>12.2</b>  |                  | Providing flat iron brackets 50x3mm size, with necessary bolts, nuts and washers etc.for fixing asbestos cement /G.S sheet gutters with purlins.                                                                                                                                                                                                        | <b>m</b>    | <b>57.60</b>   |
| <b>12.29</b> |                  | Painting top of roofs with bitumen of approved quality at 17 kg per 10m <sup>2</sup> impregnated with a coat of coarse sand at 60 cubic dm per 10m <sup>2</sup> including cleaning the slab surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil complete:                                                             |             |                |
|              | <b>12.29.1</b>   | With residual type petroleum bitumen of penetration 80/100                                                                                                                                                                                                                                                                                              | <b>sqm</b>  | <b>97.10</b>   |
| <b>12.33</b> |                  | Providing and laying brick tiles of class designation 100 over mummy root grouted with cement mortar 1:3 (1 cement:3 coarse sand) mixed with 2% if integral water proofing compound by weight of cement, over a 12 mm layer of cement mortar 1:3 (1 cement:3 fine sand) and finished neat.                                                              |             |                |
|              | <b>12.33.2</b>   | With F.P. brick tiles                                                                                                                                                                                                                                                                                                                                   | <b>sqm</b>  | <b>362.40</b>  |
|              | <b>12.33A</b>    | Providing and laying pressed clay tiles (as per approved pattern 20 mm nominal thickness and of approved size) on roofs jointed with cement mortar 1:4(1 cement :4 coarse sand )mixed with 2% integral water proofing compound laid over a bed of 20 mm thick cement mortar 1:4(1 cement::4 coarse sand )and finished neat complete                     | <b>sqm</b>  | <b>466.20</b>  |
| <b>12.38</b> |                  | Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement:2 coarse sand:4 stone aggregate 10mm and down gauge) including finishing with cement mortar 1:3(1 cement::3 coarse sand)as per standard design                                                                                                                                               |             |                |
|              | <b>12.38.1</b>   | In 75x75 mm deep chase                                                                                                                                                                                                                                                                                                                                  | <b>sqm</b>  | <b>76.20</b>   |
| <b>12.39</b> |                  | Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement:2 coarse sand:4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1 mx1 mx400 micron, finished 12 mm cement plaster 1:3 (1 cement:3 coarse sand) and a coat of neat cement rounding the edges and making and finishing the outlet complete | <b>each</b> | <b>113.20</b>  |
| <b>12.40</b> |                  | Providing sand stone slabs for roofing and laying them in cement mortar 1:4 (1 cement:4 coarse sand) over wooden karries or R.C.C. battens (karries and battens to be paid separately) including pointing the ceiling joints with cement mortar 1:3 (1 cement:3 coarse sand) complete:                                                                  |             |                |
|              | <b>12.40.1</b>   | <b>Red sand stone slab</b>                                                                                                                                                                                                                                                                                                                              |             |                |
|              | <b>12.40.1.1</b> | 40 mm thick                                                                                                                                                                                                                                                                                                                                             | <b>sqm</b>  | <b>317.40</b>  |

|              |                                                                                                                                                                                                |                                                                                              |            |                |
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|              | <b>12.40.1.2</b>                                                                                                                                                                               | 45mm thick                                                                                   | <b>sqm</b> | <b>343.90</b>  |
|              | <b>12.40.1.3</b>                                                                                                                                                                               | 50 mm thick                                                                                  | <b>sqm</b> | <b>356.80</b>  |
|              | <b>12.40.2</b>                                                                                                                                                                                 | <b>White sand stone slab</b>                                                                 |            |                |
|              | <b>12.40.2.1</b>                                                                                                                                                                               | 40 mm thick                                                                                  | <b>sqm</b> | <b>338.00</b>  |
|              | <b>12.40.2.2</b>                                                                                                                                                                               | 45 mm thick                                                                                  | <b>sqm</b> | <b>371.40</b>  |
|              | <b>12.40.2.3</b>                                                                                                                                                                               | 50 mm thick                                                                                  | <b>sqm</b> | <b>384.30</b>  |
| <b>12.52</b> | Grading roof for water proofing treatment with                                                                                                                                                 |                                                                                              |            |                |
|              | <b>12.52.2</b>                                                                                                                                                                                 | Cement concrete 1:2:4(1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) | <b>cum</b> | <b>324.80</b>  |
|              | <b>12.52.3</b>                                                                                                                                                                                 | Cement mortar 1:3(1 cement:3 coarse sand)                                                    | <b>cum</b> | <b>521.80</b>  |
|              | <b>12.52.4</b>                                                                                                                                                                                 | Cement mortar 1:4 (1 cement: 4 coarse sand)                                                  | <b>cum</b> | <b>441.20</b>  |
| <b>12.54</b> | Providing and fixing 20 mm thick wooden planks ceiling (frame work for base to be paid separately) with M.S screws:                                                                            |                                                                                              |            |                |
|              | <b>12.54.1</b>                                                                                                                                                                                 | 2nd class teak wood                                                                          | <b>sqm</b> | <b>1970.20</b> |
|              | <b>12.54.3</b>                                                                                                                                                                                 | 1st class kail wood                                                                          | <b>sqm</b> | <b>868.00</b>  |
| <b>12.55</b> | Providing and fixing insulating board ceiling of approved quality with necessary nails etc complete (frame work to be paid separately)                                                         |                                                                                              |            |                |
|              | <b>12.55.1</b>                                                                                                                                                                                 | <b>Natural colour insulating board</b>                                                       |            |                |
|              | <b>12.55.1.1</b>                                                                                                                                                                               | 12 mm thick                                                                                  | <b>sqm</b> | <b>179.50</b>  |
|              | <b>12.55.2</b>                                                                                                                                                                                 | <b>White face insulating board</b>                                                           |            |                |
|              | <b>12.55.2.1</b>                                                                                                                                                                               | 12 mm thick                                                                                  | <b>sqm</b> | <b>608.50</b>  |
|              | <b>12.55.3</b>                                                                                                                                                                                 | <b>Flame retardant face insulating board</b>                                                 |            |                |
|              | <b>12.55.3.1</b>                                                                                                                                                                               | 12mm thick                                                                                   | <b>sqm</b> | <b>546.60</b>  |
| <b>12.56</b> | Providing and fixing hard board sheet ceiling of approved quality with necessary nails etc complete (frame work to be paid separately)                                                         |                                                                                              |            |                |
|              | <b>12.56.1</b>                                                                                                                                                                                 | Standard quality boards                                                                      |            |                |
|              | <b>12.56.1.1</b>                                                                                                                                                                               | 3 mm thick                                                                                   | <b>sqm</b> | <b>264.50</b>  |
|              | <b>12.56.1.2</b>                                                                                                                                                                               | 4.5 mm thick                                                                                 | <b>sqm</b> | <b>292.10</b>  |
| <b>12.57</b> | Providing and fixing flat pressed 3 layer medium density particle board sheet Grade I conforming to IS: 3087 in ceiling with necessary nails etc. complete (frame work to be paid separately). |                                                                                              |            |                |
|              | <b>12.57.2</b>                                                                                                                                                                                 | 12 mm thick                                                                                  | <b>sqm</b> | <b>560.20</b>  |
| <b>12.58</b> | Providing and fixing plain A.C. sheet ceiling of approved quality with necessary nails etc. complete (frame work to be paid separately):                                                       |                                                                                              |            |                |
|              | <b>12.58.2</b>                                                                                                                                                                                 | 6 mm thick                                                                                   | <b>sqm</b> | <b>349.80</b>  |
| <b>12.59</b> | Extra for circular cutting and waste in ceiling with                                                                                                                                           |                                                                                              |            |                |
|              | <b>12.59.1</b>                                                                                                                                                                                 | 2nd class teak wood planks 20 mm thick                                                       | <b>m</b>   | <b>320.10</b>  |
|              | <b>12.59.4</b>                                                                                                                                                                                 | Natural colour insulating board                                                              |            |                |
|              | <b>12.59.4.1</b>                                                                                                                                                                               | 12 mm thick                                                                                  | <b>m</b>   | <b>134.60</b>  |

|              |                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            |                |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|
|              | <b>12.59.5</b>                                                                                                                                                                                                                                                              | White face insulating board                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |                |
|              | <b>12.59.5.1</b>                                                                                                                                                                                                                                                            | 12 mm thick                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>m</b>   | <b>149.90</b>  |
|              | <b>12.59.6</b>                                                                                                                                                                                                                                                              | Flame retardant face insulating board                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            |                |
|              | <b>12.59.6.1</b>                                                                                                                                                                                                                                                            | 12 mm thick                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>m</b>   | <b>142.30</b>  |
|              | <b>12.59.7</b>                                                                                                                                                                                                                                                              | Standard quality hard board sheet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |                |
|              | <b>12.59.7.1</b>                                                                                                                                                                                                                                                            | 3 mm thick                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>m</b>   | <b>107.20</b>  |
|              | <b>12.59.7.2</b>                                                                                                                                                                                                                                                            | 4.5 mm thick                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>m</b>   | <b>110.60</b>  |
| <b>12.60</b> | Extra for providing and fixing ceiling to curved surfaces in narrow widths                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>sqm</b> | <b>89.70</b>   |
|              | <b>12.60A</b>                                                                                                                                                                                                                                                               | Providing and fixing false ceiling with 12 mm thick plain/or with design ceiling tiles of BWP type phenol formaldehyde synthetic resin bonded pressed particle board conforming to IS :3087 finished with a coat of aluminum primer on both sides & edges and two coats of synthetic enamel paint of approved quality on exposed face fixed to a grid made out of anodized aluminum (with 15 micron anodic coating) T-sections 35x15x1.5 mm size main runners and cross runners 23.5x19x1.5 mm fixed to main runners placed 600 mm centre to centre both ways so as to form a grid of 600 mm square. The frame work shall be suspended from ceiling by level adjusting hangers of 6 mm dia M.S. rod fixed to roof slab by means of ceiling cleats. The suspenders shall be placed 600x1200 mm centre to centre including fixing to the frame with CP brass screws and applying a priming coat of zinc chromate yellow primer for steel members complete (Frame work and suspenders to be paid for separately) Details of cost for 10.00 sqm | <b>sqm</b> | <b>563.30</b>  |
|              | <b>12.60C</b>                                                                                                                                                                                                                                                               | Extra for providing 3 mm thick translucent white acrylic plastic sheets of approved quality in false ceiling instead of 12 mm thick plain/or with design particle board ceiling tiles in item above.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>sqm</b> | <b>387.40</b>  |
| <b>12.61</b> | Providing 10 mm thick plaster of Paris (Gypsum anhydrous) ceiling upto a height of 5 m above floor level over first class kail wood strips 25x6x mm with 10 mm gap in between and reinforced with rabbit wire mesh fixed to wooden frame (frame work to be paid separately) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            |                |
|              | <b>12.61.1</b>                                                                                                                                                                                                                                                              | Flat surfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>sqm</b> | <b>595.80</b>  |
|              | <b>12.61.2</b>                                                                                                                                                                                                                                                              | Curved surfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>sqm</b> | <b>665.30</b>  |
| <b>12.62</b> | Extra for any sunk or raised moldings in the plaster of Paris (Gypsum anhydrous) ceiling                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>sqm</b> | <b>154.00</b>  |
| <b>12.63</b> | Extra for providing plaster of Paris (Gypsum anhydrous) ceiling above 5 metres height from floor level.                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>sqm</b> | <b>52.70</b>   |
| <b>12.64</b> | Providing and fixing 12 mm thick plaster of pairs (Gypsum anhydrous) ceiling tiles upto a height of 5 metres above floor level over wooden frames and rendered smooth with plaster of pans (frame work to be paid separately).                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>sqm</b> | <b>2236.10</b> |

|                  |                                                                                                                                                                                                                                                                                                        |  |              |               |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------|---------------|
| <b>12.65</b>     | Extra for providing and fixing plaster of Paris (Gypsum anhydrous) ceiling tiles beyond 5 metres height form floor level.(Height beyond 5 m to be measured for extra payment)                                                                                                                          |  |              |               |
|                  |                                                                                                                                                                                                                                                                                                        |  | <b>sqm</b>   | <b>24.60</b>  |
| <b>12.67</b>     | Extra for making chamfered edges of beading                                                                                                                                                                                                                                                            |  |              |               |
| <b>12.67A</b>    | Thermal Insulation of roofing with bonded mineral wool, laid over false ceiling with suitable adhesive as per directions of the Engineer -in-charge.                                                                                                                                                   |  |              |               |
|                  |                                                                                                                                                                                                                                                                                                        |  | <b>sqm</b>   | <b>224.20</b> |
| <b>12.67B</b>    | Thermal Insulation of roofing with Expanded polystyrene fixed with suitable adhesive to the false ceiling as per the directions of the Engineer-in charge                                                                                                                                              |  |              |               |
| <b>12.67B.1</b>  | With Type N-Normal                                                                                                                                                                                                                                                                                     |  | <b>sqm</b>   | <b>305.30</b> |
| <b>12.67B.2</b>  | With Type SE Self Extinguishing type                                                                                                                                                                                                                                                                   |  | <b>sqm</b>   | <b>305.30</b> |
| <b>12.68</b>     | Providing and fixing 100 mm diameter and 60 cm long rain water spout in cement mortar 1:4 (1 cement :4 fine sand)                                                                                                                                                                                      |  |              |               |
| <b>12.68.1</b>   | Stone ware spout                                                                                                                                                                                                                                                                                       |  | <b>spout</b> | <b>44.40</b>  |
| <b>12.68.2</b>   | Cement concrete spout                                                                                                                                                                                                                                                                                  |  | <b>spout</b> | <b>44.40</b>  |
| <b>12.71</b>     | Providing and fixing M.S. holder bat clamps of approved design to C.I. or S.C.I rain water pipes embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix(1ceme.it:2coarse sand:4 graded stone aggregate 20 mm nominal size) and cost of cutting holes and making good the walls etc. |  |              |               |
| <b>12.71.1</b>   | 75 mm diameter                                                                                                                                                                                                                                                                                         |  | <b>each</b>  | <b>87.70</b>  |
| <b>12.71.2</b>   | 100 mm diameter ;                                                                                                                                                                                                                                                                                      |  | <b>each</b>  | <b>87.70</b>  |
| <b>12.71.3</b>   | 150 mm diameter . . . . .                                                                                                                                                                                                                                                                              |  | <b>each</b>  | <b>97.70</b>  |
| <b>12.73</b>     | Providing lead caulked joints to sand cast iron rain water pipes and fittings:                                                                                                                                                                                                                         |  |              |               |
| <b>12.73.1</b>   | 75 mm dia pipe                                                                                                                                                                                                                                                                                         |  | <b>each</b>  | <b>121.00</b> |
| <b>12.73.2</b>   | 100 mm dia pipe                                                                                                                                                                                                                                                                                        |  | <b>each</b>  | <b>156.00</b> |
| <b>12.73.3</b>   | 150 mm dia pipe                                                                                                                                                                                                                                                                                        |  | <b>each</b>  | <b>219.70</b> |
| <b>12.74</b>     | Providing and embedding sand cast iron accessories for rain water pipes in the masonry surrounded with 12 mm thick cement mortar of the same mix, as that of masonry (lead caulking will be paid for separately):                                                                                      |  |              |               |
| <b>12.74.2</b>   | Sand cast iron plain shoes                                                                                                                                                                                                                                                                             |  |              |               |
| <b>12.74.2.3</b> | 150 mm diameter                                                                                                                                                                                                                                                                                        |  | <b>shoe</b>  | <b>295.00</b> |
| <b>12.78</b>     | Providing and fixing on wall face unplastidsed-PVC(working pressure 4 kgf per sqm) rain water pipes conforming to IS :4985 including jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.                                                                           |  |              |               |
| <b>12.78.1</b>   | 75 mm diameter                                                                                                                                                                                                                                                                                         |  | <b>metre</b> | <b>115.20</b> |

|              |                                                                                                                                                                                                                                                                                                                         |                         |              |               |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------------|---------------|
|              | <b>12.78.2</b>                                                                                                                                                                                                                                                                                                          | 110 mm diameter         | <b>metre</b> | <b>199.60</b> |
| <b>12.79</b> | Providing and fixing on wall face unplasticised -PVC molded fittings/accessories for unplasticised-PVC rain water pipes conforming to (S:4985 including jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.                                                                         |                         |              |               |
|              | <b>12.79.1</b>                                                                                                                                                                                                                                                                                                          | Coupler                 |              |               |
|              | <b>12.79.1.1</b>                                                                                                                                                                                                                                                                                                        | 75 mm                   | <b>each</b>  | <b>91.10</b>  |
|              | <b>12.79.1.2</b>                                                                                                                                                                                                                                                                                                        | 110mm                   | <b>each</b>  | <b>124.60</b> |
|              | <b>12.79.2.1</b>                                                                                                                                                                                                                                                                                                        | Single pushfit coupler  |              |               |
|              | <b>12.79.2.1</b>                                                                                                                                                                                                                                                                                                        | 75 mm                   | <b>each</b>  | <b>111.10</b> |
|              | <b>12.79.2.2</b>                                                                                                                                                                                                                                                                                                        | 110 mm                  | <b>each</b>  | <b>160.90</b> |
|              | <b>12.79.3</b>                                                                                                                                                                                                                                                                                                          | Single tee with door    |              |               |
|              | <b>12.79.3.1</b>                                                                                                                                                                                                                                                                                                        | 75x75x75 mm             | <b>each</b>  | <b>211.40</b> |
|              | <b>12.79.3.2</b>                                                                                                                                                                                                                                                                                                        | 110x110x110mm           | <b>each</b>  | <b>294.60</b> |
|              | <b>12.79.4</b>                                                                                                                                                                                                                                                                                                          | Single tee without door |              |               |
|              | <b>12.79.4.1</b>                                                                                                                                                                                                                                                                                                        | 75x75x75mm              | <b>each</b>  | <b>186.40</b> |
|              | <b>12.79.4.2</b>                                                                                                                                                                                                                                                                                                        | 110x110x110 mm          | <b>each</b>  | <b>244.60</b> |
|              | <b>12.79.5</b>                                                                                                                                                                                                                                                                                                          | Band 87.5               |              |               |
|              | <b>12.79.5.1</b>                                                                                                                                                                                                                                                                                                        | 75 mm bend              | <b>each</b>  | <b>98.60</b>  |
|              | <b>12.79.5.2</b>                                                                                                                                                                                                                                                                                                        | 110 mm bend             | <b>each</b>  | <b>153.40</b> |
|              | <b>12.79.6</b>                                                                                                                                                                                                                                                                                                          | Shoe plain              |              |               |
|              | <b>12.79.6.1</b>                                                                                                                                                                                                                                                                                                        | 75 mm shoe              | <b>each</b>  | <b>163.20</b> |
|              | <b>12.79.6.2</b>                                                                                                                                                                                                                                                                                                        | 110m Shoe               | <b>each</b>  | <b>293.35</b> |
| <b>12.8</b>  | Providing and fixing unplasticised -PVC pipe clip of approved design to unplasticised PVC rain water pipe by means of 50x50x50mm hard wood plugs, screwed with M.S. screws of required length including cutting brick work and fixing on cement mortar(1:4) 1 cement: 4corsa sand and making good the wall etc complete |                         |              |               |
|              | <b>12.80.1</b>                                                                                                                                                                                                                                                                                                          | 75 mm                   | <b>each</b>  | <b>104.00</b> |
|              | <b>12.80.2</b>                                                                                                                                                                                                                                                                                                          | 110 mm                  | <b>each</b>  | <b>122.80</b> |
| <b>12.81</b> | Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams.                                                                                                                                                                                       |                         | <b>each</b>  | <b>30.50</b>  |



|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |               |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|
| <b>12.82</b> | <p>Providing and fixing at all height false ceiling of 12.5 mm thick -tapered edge gypsum board conforming to IS : 2095 including -providing and fixing of frame work made of special sections power pressed from M.S. sheet and galvanized in accordance with zinc coating 600 as per IS : 277 and consisting of angle cleats of size 25 mm wide x 16 mm thick with flanges of 22 mm and 27 mm at 1200 mm centre to centre one flange fixed to the ceiling with dash fastener 12.5 mm dia x 40 mm long with 6 mm dia bots to the angle hangers of 25x25x5 mm of required length, and other end of angle hanger being fixed with nut and bots to rate of 1200 mm centre to centre to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having clips of 10.5 mm at 450 mm centre to centre shall be be fixed in a direction perpendicular to G. I. channel with connecting clips made out of 2.64 mm dia x 230 mm long G. I. wire at every junction including fixing the gypsum board with ceiling section and perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long . the perimeter of ceiling fixed to wall / partition with the help of rawl plugs at 450 mm centre to centre with 25 mm long dirve-all screws @ 230 mm interval including jointing and fixing to a flush of tapered and square edges of the gypsum board with recommended filler., paper tapes, finisher and two coats of primer suitable for gypsum board as per manufactures specification and also including the coat cutouts made with frame of perimeter channels suitably fixed all complete as per- drawing and specification and direction of the Engineer-in-Charge but excluding the cost of painting.</p> | <b>each</b> | <b>761.80</b> |
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**SUB HEAD: 13.0**  
**FINISHING WORK**

## BUILDING WORK - Contd.

**13.0 Finishing**

| Code No.       | Description                                                                                                                                                                                           | Unit | Rate Rs. |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|
|                | Cement plaster in course sand                                                                                                                                                                         |      |          |
| <b>13.11</b>   | 12 mm cement plaster of mix:                                                                                                                                                                          |      |          |
| <b>13.11.1</b> | 1:3 (1 cement:3 coarse sand)                                                                                                                                                                          | sqm  | 102.30   |
| <b>13.11.2</b> | 1:4(1 cement :4 coarse sand)                                                                                                                                                                          | sqm  | 90.70    |
| <b>13.11.3</b> | 1:5(1 cement: 5 coarse sand)                                                                                                                                                                          | sqm  | 84.50    |
| <b>13.11.4</b> | 1:6(1 cement: 6 coarse sand)                                                                                                                                                                          | sqm  | 79.10    |
| <b>13.12</b>   | 15 mm cement plaster on rough side of single or half brick wall of mix.                                                                                                                               |      |          |
| <b>13.12.1</b> | 1:3 (1 cement :3 coarse sand)                                                                                                                                                                         | sqm  | 119.30   |
| <b>13.12.2</b> | 1:4(1 cement: 4 coarse sand )                                                                                                                                                                         | sqm  | 105.50   |
| <b>13.12.3</b> | 1:5 (1 cement: 5 coarse sand)                                                                                                                                                                         | sqm  | 98.00    |
| <b>13.12.4</b> | 1:6 (1 cement: 6 coarse sand)                                                                                                                                                                         | sqm  | 91.60    |
| <b>13.13</b>   | 20 mm cement plaster of mix ;                                                                                                                                                                         |      |          |
| <b>13.13.1</b> | 1:3 (1 cement: 3 coarse sand)                                                                                                                                                                         | sqm  | 146.10   |
| <b>13.13.2</b> | 1: 4(1 cement: 4 coarse sand)                                                                                                                                                                         | sqm  | 128.10   |
| <b>13.13.3</b> | 1:5(1 cement: 5 coarse sand)                                                                                                                                                                          | sqm  | 118.40   |
| <b>13.13.4</b> | 1:6(1 cement: 6 coarse sand)                                                                                                                                                                          | sqm  | 110.00   |
| <b>13.14</b>   | 12 mm lime plaster of mix:                                                                                                                                                                            |      |          |
| <b>13.14.1</b> | 1:1:1 (1 lime putty:1 surkhi:1sand )                                                                                                                                                                  | sqm  | 86.80    |
| <b>13.14.2</b> | 1:1:2(1 limeputty :1surkhi:2 sand)                                                                                                                                                                    | sqm  | 79.90    |
| <b>13.14.3</b> | 1:2(1 lime: 2surkhi)                                                                                                                                                                                  | sqm  | 98.90    |
| <b>13.14.4</b> | 1:3(1lime putty: 3surkhi)                                                                                                                                                                             | sqm  | 98.00    |
|                | <b>CEMENT PLASTER WITH A FLOATING COAT OF NEAT CEMENT</b>                                                                                                                                             |      |          |
| <b>13.17</b>   | 12 mm cement plaster 1:3( 1 cement: 3 coarse sand) finished with a floating coat of neat cement                                                                                                       | sqm  | 127.00   |
| <b>13.18</b>   | 15 mm cement plaster 1:3 (1 cement: 3 coarse sand ) finished with a floating coat of neat cement on the rough side of single or half brick wall.                                                      | sqm  | 144.00   |
| <b>13.19</b>   | 18 mm cement plaster in two coat under layer 12 mm thick cement plaster 1:5 (1 cement: 5 coarse sand) and a top layer 6mm thick cement plaster 1:3(1 cement: 3 coarse sand finished rough with sponge | sqm  | 124.50   |

|              |                                                                                                                                                                                                                                                                                                                                                                                                     |                                              |     |        |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-----|--------|
| <b>13.2</b>  | 18 mm cement plaster in two coats under layer 12 mm thick cement plaster 1:5 (1 cement :5 coarse sand) and top layer 6 mm thick, cement plaster 1:3 (1 cement: 3 coarse sand) finished rough with sponge.                                                                                                                                                                                           |                                              | sqm | 136.10 |
| <b>13.24</b> | 6 mm cement plaster to ceiling of mix :                                                                                                                                                                                                                                                                                                                                                             |                                              |     |        |
|              | <b>13.24.1</b>                                                                                                                                                                                                                                                                                                                                                                                      | 1:3(1 cement: 3 coarse sand)                 | sqm | 74.00  |
|              | <b>13.24.2</b>                                                                                                                                                                                                                                                                                                                                                                                      | 1:4(1 cement: 4 coarse sand)                 | sqm | 68.20  |
| <b>13.26</b> | Neat cement punning                                                                                                                                                                                                                                                                                                                                                                                 |                                              | sqm | 25.90  |
| <b>13.30</b> | Rough cast plaster upto 10m night above ground level with a mixture of sand and gravel or crushed stone from 6 mm to 10 mm nominal size dashed over and including the fresh plaster in two layers, under layer 12 mm cement plaster 1:4(1 cement :4 coarse sand) and top layer 10 mm cement plaster 1:3 (1 cement :3 coarse sand) mixed with 10% finely grounded hydrated lime by volume of cement: |                                              |     |        |
|              | <b>13.30.1</b>                                                                                                                                                                                                                                                                                                                                                                                      | Ordinary cement finish using ordinary cement | sqm | 230.50 |
| <b>13.31</b> | Rough cast plaster with a mixture of sand and gravel or crushed stone from 2.36 to 12.5 mm nominal size dashed over and including the fresh plaster in two layers, under layer 12 mm cement plaster 1:5(1 cement:5 coarse sand ) and top layer 10 mm cement plaster 1:3(1 cemeht;3 coarse sand) mixed with 10% finely grounded hydrated lime by volume of cement:                                   |                                              |     |        |
|              | <b>13.31.1</b>                                                                                                                                                                                                                                                                                                                                                                                      | Ordinary cement finish using ordinary cement | sqm | 224.30 |
| <b>13.32</b> | Pebble dash piaster with a mixture of washed pebble or crushed stone 6 mm to 12.5 mm nominal size dashed over and including fresh plaster in two layers under layer 12 mm cement plaster 1:4(1 cement: 4 coarse sand) and top layer 10 mm cement plaster with cement mortar 1:3(1 cement :3 coarse sand) mixed with 10% finely grounded hydrated lime by volume of cement                           |                                              | sqm | 219.20 |
| <b>13.36</b> | Extra for providing and mixing water proofing material in proportion recommended by the manufacturers:                                                                                                                                                                                                                                                                                              |                                              |     |        |
|              | <b>13.36.1</b>                                                                                                                                                                                                                                                                                                                                                                                      | 12 mm cement plaster 1:3(1 cement :3 sand)   | sqm | 5.10   |
|              | <b>13.36.2</b>                                                                                                                                                                                                                                                                                                                                                                                      | 12 mm cement plaster 1:4(1 cement :4 sand)   | sqm | 3.90   |
|              | <b>13.36.3</b>                                                                                                                                                                                                                                                                                                                                                                                      | 15 mm cement plaster 1:3(1 cement :3 sand)   | sqm | 6.10   |
|              | <b>13.36.4</b>                                                                                                                                                                                                                                                                                                                                                                                      | 15 mm cement plaster 1:4(1 cement :4 sand)   | sqm | 4.50   |
|              | <b>13.36.5</b>                                                                                                                                                                                                                                                                                                                                                                                      | 20 mm cement plaster 1:3(1 cement:3 sand)    | sqm | 7.90   |
|              | <b>13.36.6</b>                                                                                                                                                                                                                                                                                                                                                                                      | 20 mm cement plaster 1:4(1 cement: 4 sand)   | sqm | 5.90   |
| <b>13.37</b> | Extra for plastering exterior walls of height more than 10m form ground level for every add it .irate height of 3 m or part there of                                                                                                                                                                                                                                                                |                                              | sqm | 17.20  |

|       |                                                                                                        |                                                                                                                                             |                     |           |
|-------|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------|
| 13.38 | Extra for plastering on circular work not exceeding 6 m in radius :                                    |                                                                                                                                             |                     |           |
|       | 13.38.1                                                                                                | In one coat                                                                                                                                 | sqm                 | 9.20      |
|       | 13.38.2                                                                                                | In two coats                                                                                                                                | sqm                 | 14.00     |
| 13.39 | Extra for plastering done on moulding cornices or architraves including neat finish to line and level: |                                                                                                                                             |                     |           |
|       | 13.39.1                                                                                                | In one coat                                                                                                                                 | sqm                 | 136.60    |
|       | 13.39.2                                                                                                | In two coats                                                                                                                                | sqm                 | 225.10    |
| 13.40 | Extra for plastering:                                                                                  |                                                                                                                                             |                     |           |
|       | 13.40.1                                                                                                | Spherical ceiling                                                                                                                           | sqm                 | 34.30     |
|       | 13.40.2                                                                                                | Groined ceiling                                                                                                                             | sqm                 | 37.20     |
|       | 13.40.3                                                                                                | Hewing soffits                                                                                                                              | sqm                 | 22.70     |
|       | 13.40A                                                                                                 | Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.     | sqm                 | 69.60     |
| 13.45 | <b>Finishing walls with textured exterior paint of required shade :</b>                                |                                                                                                                                             |                     |           |
|       | 13.45.1                                                                                                | <b>New work (Two or more coats applied @ 3.28 ltr/ 10 sqm) over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm</b> | sqm                 | 117.30    |
| 13.46 | <b>Finishing walls with Acrylic Smooth exterior paint of required shade :</b>                          |                                                                                                                                             |                     |           |
|       | 13.46.1                                                                                                | <b>New work (Two or more coat applied @ 1.67 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)</b>  | sqm                 | 63.30     |
| 13.48 | Extra for lining out plaster to imitate stone or concrete blocks walling                               |                                                                                                                                             |                     | sqm 21.80 |
| 13.50 | 12 mm thick plain cement mortar bands in cement mortar 1:4(1 cement: 4 coarse sand):                   |                                                                                                                                             |                     |           |
|       | 13.50.1                                                                                                | Flush Band                                                                                                                                  | 1 m long & 1cm wide | 1.70      |
|       | 13.50.2                                                                                                | Sunk Band                                                                                                                                   | 1m long & 1cm wide  | 1.90      |
|       | 13.50.3                                                                                                | Raised Band                                                                                                                                 | 1m long & 1cm wide  | 2.00      |
|       | 13.50.4                                                                                                | Molded Band                                                                                                                                 | 1m long & 1cm wide  | 3.30      |

|              |                                                                                                                                                                                                |                              |                    |       |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------|-------|
| <b>13.51</b> | 18 mm thick plain cement mortar band in cement mortar 1:4(1 cement :4 coarse sand):                                                                                                            |                              |                    |       |
|              | <b>13.51.1</b>                                                                                                                                                                                 | Flush Band                   | 1m long & 1cm wide | 2.10  |
|              | <b>13.51-2</b>                                                                                                                                                                                 | Sunk Band                    | 1m long & 1cm wide | 2.30  |
|              | <b>13.51.3</b>                                                                                                                                                                                 | Raised Band                  | 1m long & 1cm wide | 2.50  |
|              | <b>13.51.4</b>                                                                                                                                                                                 | Molded Band                  | 1m long & 1cm wide | 4.50  |
| <b>13.52</b> | 18 mm thick molded cement mortar band in two coats, under layer 12 mm thick with cement mortar 1:5(1 cement:5 coarse sand top layer 6 mm thick with cement mortar 1:4(1 cement :4 coarse sand) |                              | 1m long & 1cm wide | 4.40  |
| <b>13.56</b> | Pointing on brick work with cement mortar 1:3(1 cement:3 coarse sand):                                                                                                                         |                              |                    |       |
|              | <b>13.56.1</b>                                                                                                                                                                                 | Flush pointing               | sqm                | 56.00 |
|              | <b>13.56.2</b>                                                                                                                                                                                 | Ruled pointing               | sqm                | 59.40 |
|              | <b>13.56.3</b>                                                                                                                                                                                 | Struck or weathered pointing | sqm                | 72.20 |
|              | <b>13.56.4</b>                                                                                                                                                                                 | Raised and cut pointing      | sqm                | 90.80 |
| <b>13.57</b> | Pointing on brick flooring with cement mortar 1:3(1 cement:3 coarse sand):                                                                                                                     |                              |                    |       |
|              | <b>13.57.1</b>                                                                                                                                                                                 | Flush pointing               | sqm                | 46.90 |
|              | <b>13.57.2</b>                                                                                                                                                                                 | Ruled pointing               | sqm                | 49.90 |
| <b>13.58</b> | Pointing on brick flooring with cement mortar 1:4(1 cement :4 coarse sand):                                                                                                                    |                              |                    |       |
|              | <b>13.58.1</b>                                                                                                                                                                                 | Flush pointing               | sqm                | 45.30 |
|              | <b>13.58.2</b>                                                                                                                                                                                 | Ruled pointing               | sqm                | 48.30 |
| <b>13.63</b> | Pointing on tile brick work with cement mortar 1:3(1 cement :3 coarse sand):                                                                                                                   |                              |                    |       |
|              | <b>13.63.1</b>                                                                                                                                                                                 | Flush pointing               | sqm                | 77.30 |
|              | <b>13.63.2</b>                                                                                                                                                                                 | Ruled pointing               | sqm                | 80.50 |
|              | <b>13.63.3</b>                                                                                                                                                                                 | Struck or weathered pointing | sqm                | 93.00 |
| <b>13.64</b> | Pointing on stone work with cement mortar 1:3(1 cement:3 fine sand):                                                                                                                           |                              |                    |       |
|              | <b>13.64.1</b>                                                                                                                                                                                 | Flush pointing               | sqm                | 78.80 |
|              | <b>13.64.2</b>                                                                                                                                                                                 | Ruled pointing               | sqm                | 84.30 |

|              |                                                                                                                                                                                              |                                                                                  |     |        |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----|--------|
|              | <b>13.64.3</b>                                                                                                                                                                               | Raised and cut pointing                                                          | sqm | 142.50 |
| <b>13.68</b> | Pointing on stone slab ceiling with cement mortar 1:2 (1 cement :2 coarse sand):                                                                                                             |                                                                                  |     |        |
|              | <b>13.68.1</b>                                                                                                                                                                               | Flush pointing                                                                   | sqm | 45.50  |
|              | <b>13.68.2</b>                                                                                                                                                                               | Ruled pointing                                                                   | sqm | 48.30  |
| <b>13.69</b> | Extra for pointing on walls on the outside at height more than 10m from ground level for every additional height of 3 m or part there of                                                     |                                                                                  | sqm | 1.90   |
| <b>13.7</b>  | White washing with lime to give an ever shade                                                                                                                                                |                                                                                  |     |        |
|              | <b>13.70.1</b>                                                                                                                                                                               | New work (three or more coats)                                                   | sqm | 9.00   |
|              | <b>13.70.2</b>                                                                                                                                                                               | Old work (two or more coats)                                                     | sqm | 5.40   |
|              | <b>13.70.3</b>                                                                                                                                                                               | Old work (one or more coats)                                                     | sqm | 3.20   |
| <b>13.71</b> | Satna lime wash on wads one coat                                                                                                                                                             |                                                                                  | sqm | 3.40   |
| <b>13.72</b> | White washing with whiting to give an even shade :                                                                                                                                           |                                                                                  |     |        |
|              | <b>13.72.1</b>                                                                                                                                                                               | New work (three or more goats)                                                   | sqm | 9.00   |
|              | <b>13.72.2</b>                                                                                                                                                                               | Old work (two or more coats)                                                     | sqm | 5.40   |
|              | <b>13.72.3</b>                                                                                                                                                                               | Old work (one or more coats)                                                     | sqm | 3.20   |
| <b>13.73</b> | Colour washing such as green, blue or buff to give an even shade                                                                                                                             |                                                                                  |     |        |
|              | <b>13.73.1</b>                                                                                                                                                                               | New work (two or more coats) with a base coat of white washing                   | sqm | 12.10  |
|              | <b>13.73.2</b>                                                                                                                                                                               | New work (two or more coats) with a base coat of whiting                         | sqm | 11.90  |
|              | <b>13.73.3</b>                                                                                                                                                                               | Old work (two or more coats) with lime                                           | sqm | 7.20   |
|              | <b>13.73.4</b>                                                                                                                                                                               | Old work (two or more coats) with whiting                                        | sqm | 7.10   |
|              | <b>13.73.5</b>                                                                                                                                                                               | Old work ( one or more coats ) with lime                                         | sqm | 4.10   |
|              | <b>13.73.6</b>                                                                                                                                                                               | Old work (one or more coats ) with whiting                                       | sqm | 4.10   |
| <b>13.74</b> | Removing white or colour wash by scrapping and sand paper in and preparing the surface smooth including necessary repair scratches etc. complete                                             |                                                                                  | sqm | 3.80   |
| <b>13.75</b> | Distempering with dry distemper of approved brand and manufacture (two or more coats ) and of required shade on new work , over and including priming coat of whiting to give an even shade. |                                                                                  | sqm | 36.20  |
| <b>13.76</b> | Distempering with dry distemper of approved brand and manufacture ( one or more coats ) and of required shade on old work to give an even shade .                                            |                                                                                  | sqm | 16.80  |
| <b>13.77</b> | Distempering with oil bound washa ble distemper of approved brand and manufacture to give an even shade .                                                                                    |                                                                                  |     |        |
|              | <b>13.77.2</b>                                                                                                                                                                               | New work (two or more coats ) over and including priming coat with cement primer | sqm | 52.70  |



|                |                                                                                                                                                                                                                                                        |                                                                                                                                                                         |     |       |
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|                | <b>13-77.3</b>                                                                                                                                                                                                                                         | Old work (one or more coats)                                                                                                                                            | sqm | 18.20 |
|                | <b>13.77A</b>                                                                                                                                                                                                                                          | Distempering with 1st quality washable distemper (ready made ) of approved manufacturer and of required shade and colour complete. As per manufacture's specifications. |     |       |
|                | <b>13.77A.1</b>                                                                                                                                                                                                                                        | Two or more coats on new work                                                                                                                                           | sqm | 28.70 |
|                | <b>13.77A.2</b>                                                                                                                                                                                                                                        | One or more coats on old work                                                                                                                                           | sqm | 16.40 |
| <b>13.78</b>   | Applying one coat of cement primer of approved brand <b>and</b> manufacture on wall surface:                                                                                                                                                           |                                                                                                                                                                         |     |       |
|                | 13.78.1                                                                                                                                                                                                                                                | Cement primer                                                                                                                                                           | sqm | 22.10 |
|                | 13.78.2                                                                                                                                                                                                                                                | Distemper primer                                                                                                                                                        | sqm | 23.20 |
| <b>13.79</b>   | Finishing walls with water proofing cement paint of approved brand and manufacture and of required shade to give an even shade                                                                                                                         |                                                                                                                                                                         |     |       |
|                | 13.79.1                                                                                                                                                                                                                                                | New work (three or more coats)                                                                                                                                          | sqm | 51.70 |
|                | 13.79.2                                                                                                                                                                                                                                                | Old work (one or more coats)                                                                                                                                            | sqm | 34.60 |
| <b>13.80</b>   | Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repari scratches tec. Gmplete                                                                                                        |                                                                                                                                                                         | sqm | 4.80  |
| <b>13.80 A</b> | Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.                                                        |                                                                                                                                                                         |     |       |
| <b>13.81 A</b> | Distempering with 1st quality acrylic distemper, having VOC (Volatile Organic Compound ) content less than 50 grams/ litre, of approved brand and manufacture,including applying additional coats wherever required, to achieve even shade and colour. |                                                                                                                                                                         |     |       |
|                | <b>13.81.1 A</b>                                                                                                                                                                                                                                       | One coat                                                                                                                                                                | sqm | 18.00 |
|                | <b>13.81.2B</b>                                                                                                                                                                                                                                        | Two coats                                                                                                                                                               | sqm | 28.30 |
| <b>13.81</b>   | Applying priming coat:                                                                                                                                                                                                                                 |                                                                                                                                                                         |     |       |
|                | <b>13.81.1</b>                                                                                                                                                                                                                                         | With ready mixed pink or grey primer of approved brand and manufacture <i>on</i> wood work (hard and softwood)                                                          | sqm | 20.50 |
|                | <b>13.81.2</b>                                                                                                                                                                                                                                         | with ready mixed aluminum primer of approved brand and manufacture on resinous wood and plywood.                                                                        | sqm | 19.30 |
|                | <b>13.81.3</b>                                                                                                                                                                                                                                         | With ready mixed zinc chromate yellow primer of approved brand and manufacture on steel galvanized iron/steel works                                                     | sqm | 16.40 |

|              |                                                                                                                                                                                                                                                       |                                                                                                                                                                                                     |     |       |
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|              | <b>13.81.4</b>                                                                                                                                                                                                                                        | With ready mixed zinc chromate yellow primer of approved brand and manufacture on steel work (second coat)                                                                                          | sqm | 9.20  |
| <b>13.82</b> | Painting with ready mixed paint of approved brand and manufacture in all shades to give an even shade:                                                                                                                                                |                                                                                                                                                                                                     |     |       |
|              | <b>13.82.1</b>                                                                                                                                                                                                                                        | New steel work (two or more coats)                                                                                                                                                                  | sqm | 55.20 |
|              | <b>13.82.2</b>                                                                                                                                                                                                                                        | New wood work (two or more coats)                                                                                                                                                                   | sqm | 55.20 |
|              | <b>13.82.3</b>                                                                                                                                                                                                                                        | Old steel work (one or more coats)                                                                                                                                                                  | sqm | 35.10 |
|              | <b>13.82.4</b>                                                                                                                                                                                                                                        | Old wood work (one more coats)                                                                                                                                                                      | sqm | 35.10 |
|              | <b>13.82.A</b>                                                                                                                                                                                                                                        | Painting one thin coat with white lead of approved brand and manufacture on wet or patchy portion of plastered surfaces.                                                                            | sqm | 29.70 |
|              | <b>13.82B</b>                                                                                                                                                                                                                                         | Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacture's specifications including appropriate priming coat, preparation of surface, etc. complete. |     |       |
|              | <b>13.82B.1</b>                                                                                                                                                                                                                                       | On steel work                                                                                                                                                                                       | sqm | 94.70 |
|              | <b>13.82B.2</b>                                                                                                                                                                                                                                       | On concrete work                                                                                                                                                                                    | sqm | 95.10 |
| <b>13.83</b> | Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:                                                                                                                        |                                                                                                                                                                                                     |     |       |
|              | <b>13.83.1</b>                                                                                                                                                                                                                                        | New work (two or more coats) including a coat of approved steel primer but excluding a coat off mordant solution                                                                                    | sqm | 48.00 |
|              | <b>13.83.A</b>                                                                                                                                                                                                                                        | Applying a coat of mordant paint on G.S. sheet.                                                                                                                                                     |     |       |
|              | <b>13.83.A</b>                                                                                                                                                                                                                                        | 1 With a solution of 38 gms of copper acetate in a litre of soft water                                                                                                                              | sqm | 11.00 |
|              | <b>13.83.A</b>                                                                                                                                                                                                                                        | With a solution made of 13 gms hydrochloric acid in a solution of 13 gms. Each of copper chloride, copper nitrate and ammonium chloride dissolved in a litre of soft water                          | sqm | 11.00 |
| <b>13.84</b> | Painting (two or more coats) on rain water, soil, waster and vent pipes and fittings with black anticorrosive bitumastic paint of approved brand and manufacture over and including a priming of ready mixed zinc chromate yellow primer on new work: |                                                                                                                                                                                                     |     |       |
|              | <b>13.84.1</b>                                                                                                                                                                                                                                        | 50 mm diameter pipes                                                                                                                                                                                | sqm | 10.00 |
|              | <b>13.84.2</b>                                                                                                                                                                                                                                        | 75 mm diameter pipes                                                                                                                                                                                | sqm | 14.20 |
|              | <b>13.84.3</b>                                                                                                                                                                                                                                        | 100 mm diameter pipes                                                                                                                                                                               | sqm | 18.90 |
|              | <b>13.84.4</b>                                                                                                                                                                                                                                        | 150 mm diameter pipes                                                                                                                                                                               | sqm | 28.10 |

|              |                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                      |       |        |
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| <b>13.85</b> | Painting (one or more coats) on rain water, soil waste and vent pipes and fittings with black anticorrosive bitumastic paint approved brand and manufacture on old work:                                                                           |                                                                                                                                                                                                                                                      |       |        |
|              | <b>13.85.1</b>                                                                                                                                                                                                                                     | 50 mm diameter pipes                                                                                                                                                                                                                                 | sqm   | 4.60   |
|              | <b>13.85.2</b>                                                                                                                                                                                                                                     | 75mm diameter pipes                                                                                                                                                                                                                                  | sqm   | 6.60   |
|              | <b>13.85.3</b>                                                                                                                                                                                                                                     | 100 mm diameter pipes                                                                                                                                                                                                                                | metre | 8.70   |
|              | <b>13.85.4</b>                                                                                                                                                                                                                                     | 150 mm diameter pipes                                                                                                                                                                                                                                | metre | 12.60  |
| <b>13.86</b> | Painting (two or more coats) on rain water, soil, waste and vent pipes and fittings with synthetic enamel paint of approved brand and manufacture and required colour over a priming coat of ready mixed zinc chromatic yellow primer on new work. |                                                                                                                                                                                                                                                      |       |        |
|              | <b>13.86.1</b>                                                                                                                                                                                                                                     | 50 mm diameter pipes                                                                                                                                                                                                                                 | metre | 10.60  |
|              | <b>13.86.2</b>                                                                                                                                                                                                                                     | 75 mm diameter pipes                                                                                                                                                                                                                                 | metre | 14.70  |
|              | <b>13.86.3</b>                                                                                                                                                                                                                                     | 100 mm diameter pipes                                                                                                                                                                                                                                | metre | 19.60  |
|              | <b>13.86.4</b>                                                                                                                                                                                                                                     | 150 mm diameter pipes                                                                                                                                                                                                                                | metre | 29.20  |
| <b>13.87</b> | Painting (one more coats) on rain w after, soil, waste and vent pipes and filings with synthetic enamel paint of approved brand and manufacture and required colour on old work:                                                                   |                                                                                                                                                                                                                                                      |       |        |
|              | <b>13.87.1</b>                                                                                                                                                                                                                                     | 50 mm diameter pipes                                                                                                                                                                                                                                 | metre | 4.80   |
|              | <b>13.87.2</b>                                                                                                                                                                                                                                     | 75 mm diameter pipes                                                                                                                                                                                                                                 | metre | 6.90   |
|              | <b>13.87.3</b>                                                                                                                                                                                                                                     | 100 mm diameter pipes                                                                                                                                                                                                                                | metre | 8.90   |
|              | <b>13.87.4</b>                                                                                                                                                                                                                                     | 150 mm diameter pipes                                                                                                                                                                                                                                | metre | 12.90  |
| <b>13.88</b> | Painting with oil type wood preservative of approved brand and manufacture:                                                                                                                                                                        |                                                                                                                                                                                                                                                      |       |        |
|              | <b>13.88.1</b>                                                                                                                                                                                                                                     | New work (two or more coats)                                                                                                                                                                                                                         | sqm   | 16.10  |
|              | <b>13.88.2</b>                                                                                                                                                                                                                                     | Old work(one or more coats)                                                                                                                                                                                                                          | sqm   | 12.40  |
|              | <b>13.88 A</b>                                                                                                                                                                                                                                     | Providing and applying two coats of fire retardent paint FR 881 un thined on cleaned wood/ply surface @ 3.5 sqm per litre per coat including preparation of base surface as per recommendation's of manufacturer to make the surface fire retardant. | sqm   | 274.70 |
| <b>13.89</b> | Coal tarring two coats on new work using 0.16 and 0.12 litre coat sqm in the first coat and second coat respectively.                                                                                                                              |                                                                                                                                                                                                                                                      | sqm   | 20.10  |
| <b>13.92</b> | Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade:                                                                                                                                                 |                                                                                                                                                                                                                                                      |       |        |
|              | <b>13.92.1</b>                                                                                                                                                                                                                                     | Two or more coats on new work                                                                                                                                                                                                                        | sqm   | 51.00  |
|              | <b>13.92.2</b>                                                                                                                                                                                                                                     | One or more coats on old work                                                                                                                                                                                                                        | sqm   | 32.70  |
| <b>13.93</b> | Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:                                                                                                                                                      |                                                                                                                                                                                                                                                      |       |        |
|              | <b>13.93.1</b>                                                                                                                                                                                                                                     | Two or more coats on new work                                                                                                                                                                                                                        | sqm   | 42.00  |
|              | <b>13.93.2</b>                                                                                                                                                                                                                                     | One or more coats on old work.                                                                                                                                                                                                                       | sqm   | 27.50  |

|               |                                                                                                                    |                                                                                                                          |     |        |
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| <b>13.94</b>  | Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:   |                                                                                                                          |     |        |
|               | <b>13.94.1</b>                                                                                                     | Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture | sqm | 64.80  |
| <b>13.95</b>  | Painting with aluminum paint of approved brand and manufacture to give an even shade.                              |                                                                                                                          |     |        |
|               | <b>13.95.1</b>                                                                                                     | Two or more coats on new work                                                                                            | sqm | 37.50  |
|               | <b>13.95.2</b>                                                                                                     | One or more coats on old work.                                                                                           | sqm | 23.90  |
| <b>13.96</b>  | Painting with acid proof paint of approved brand and manufacture of required colour to give an even shade:         |                                                                                                                          |     |        |
|               | <b>13.96.1</b>                                                                                                     | Two or more coats on new work.                                                                                           | sqm | 41.00  |
|               | <b>13.96.2</b>                                                                                                     | One or more coats on old work.                                                                                           | sqm | 26.50  |
| <b>13.97</b>  | Painting with black anti-corrosive bitumastic paint of approved brand and manufacture to give an even shade:       |                                                                                                                          |     |        |
|               | <b>13.97.1</b>                                                                                                     | Two or more coats on new work                                                                                            | sqm | 35.40  |
|               | <b>13.97.2</b>                                                                                                     | One or more coats on old work.                                                                                           | sqm | 23.20  |
| <b>13.98</b>  | Floor painting with floor enamel paint of approved brand and manufacture of required colour to give an even shade: |                                                                                                                          |     |        |
|               | <b>13.98.1</b>                                                                                                     | Two or more coats on new work.                                                                                           | sqm | 47.90  |
|               | <b>13.98.2</b>                                                                                                     | One or more coats on old work.                                                                                           | sqm | 30.80  |
| <b>13.1</b>   | Varnishing with varnish of approved brand and manufacture:                                                         |                                                                                                                          |     |        |
|               | <b>13.100.1</b>                                                                                                    | Two or more coats of glue sizing with copal varnish over an under coat of flattening varnish.                            | sqm | 66.20  |
|               | <b>13.100.3</b>                                                                                                    | One or more coats with copal varnish.                                                                                    | sqm | 27.90  |
|               | <b>13.100.4</b>                                                                                                    | Two more coats glue sizing with spar varnish or an under coat of flattening varnish.                                     | sqm | 67.40  |
|               | <b>13.100.6</b>                                                                                                    | One or more coats with spar varnish.                                                                                     | sqm | 28.60  |
| <b>13.101</b> | French spirit polishing:                                                                                           |                                                                                                                          |     |        |
|               | <b>13.101.1</b>                                                                                                    | Two or more coats on works including a coat of wood filler.                                                              | sqm | 112.70 |
|               | <b>13.101.2</b>                                                                                                    | One or more coats on old work.                                                                                           | sqm | 58.00  |
| <b>13.104</b> | Polishing on wood work with ready made wax polish of approved brand and manufacture:                               |                                                                                                                          |     |        |
|               | <b>13.104.1</b>                                                                                                    | New work                                                                                                                 | sqm | 47.60  |
|               | <b>13.104.2</b>                                                                                                    | Old work                                                                                                                 | sqm | 24.00  |

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                      |        |
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| <b>13.105</b> | Floor polishing on masonry or concrete floors with wax polish off approved brand and manufacture.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | sqm                  | 21.10  |
| <b>13.106</b> | Lettering with black Japan paint of approved brand and manufacture                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 letter of 1cm high | 1.30   |
| <b>13.107</b> | Re-lettering with black Japan paint of approved brand and manufacture.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 letter of 1cm high | 0.90   |
| <b>13.112</b> | Washed stone grit plaster in two layers, under layer 12 mm cement plaster 1:4 (1 cement :4 coarse sand) furrowing the under layer with scratching tool, applying cement slurry on the under layer @ 2 kg of cement per square metre, top layer 15 mm cement plaster 1:1/2:2 (1 cement: 1/2 coarse sand :2 stone chipping 10 mm nominal size) in panels with groove all around as per approved pattern including scrubbing and washing, the top layer with brushes and water to expose the stone chippings, complete as per specification and direction of Engineer -in charges (Payment for providing grooves shall be made separately) | sqm                  | 311.60 |
| <b>13.113</b> | Forming groove of uniform size in the top layer of washed stone grit plaster as per approved pattern using wooden batten nailed to the under layer including removal of wooden battens, repair to the edges of panels and finishing the groove complete as per specifications and direction of the Engineer-in-charges.                                                                                                                                                                                                                                                                                                                 |                      |        |
|               | <b>13.113.1</b> 15 mm wide and 15 mm deep groove                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | metre                | 16.30  |
|               | <b>13.113.2</b> 20 mm wide and 15 mm deep groove                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | metre                | 16.80  |
| <b>13.114</b> | Extra for washed grit plaster on exterior walls of height more than 10 m from ground level for every additional height of 3 m or part there of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | sqm                  | 34.60  |
| <b>13.115</b> | Extra for washed stone grit plaster on circular work not exceeding 6m in radius (in coats).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | sqm                  | 27.00  |
| <b>13.116</b> | Forming groove of uniform size from 12x12 mm and upto 25x15 mm in plastered surface as per approved pattern using wooden battens, nailed to the under layer including removal of wooden battens, repairs to the edges of plaster panel and finishing the groove complete as per specifications and direction of the Engineer-in-Charge.                                                                                                                                                                                                                                                                                                 | metre                | 30.40  |
| <b>13.117</b> | Extra for using white cement in place of ordinary cement in the top layer of the item washed stone grit plaster.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | sqm                  | 88.10  |

**SUB HEAD: 14.0**  
**Repairs to Buildings**

## BUILDING WORK - Contd.

| <b><u>14.0 Repairs to buildings</u></b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                      |                 |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------|-----------------|
| <b>Code No.</b>                         | <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | <b>Unit</b>          | <b>Rate Rs.</b> |
| <b>14.1</b>                             | Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sqm and under including cutting the patch in proper shape and preparing and plastering the surface of the walls complete including disposal of rubbish to the dumping ground within 50 metres lead.                                                                                                                                                                                             |  |                      |                 |
| <b>14.1.2</b>                           | With cement mortar 1:4(1 cement:4 coarse sand)                                                                                                                                                                                                                                                                                                                                                                                                                        |  | <b>sqm</b>           | <b>135.60</b>   |
| <b>14.2</b>                             | Fixing chowkhats in existing opening including embedding chowkhats in floors or walls cutting masonry for holdfasts embedding holdfasts in cement concrete blocks with cement concrete 1:3:6(1 cement :3 coarse sand:6 grade stone aggregate 20 mm nominal size) painting two coats of coal tar to sides of chowkhats and making good the damages to walls and floors as required complete including disposal of rubbish to the dumping ground within 50 metres lead. |  |                      |                 |
| <b>14.2.1</b>                           | Door chowkhats                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | <b>each choukhat</b> | <b>391.90</b>   |
| <b>14.2.2</b>                           | Window chokhats                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | <b>each choukhat</b> | <b>246.30</b>   |
| <b>14.2.3</b>                           | Clerestory window chowkhats                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | <b>each choukhat</b> | <b>178.40</b>   |
| <b>14.3</b>                             | Making opening in brick masonry including dismantling, fixing chowk hats in floor or walls cutting masonry and fixing hold fasts in cement concrete 1:3:6(1 cement:3 coarse sand:6 stone aggregate 20 mm nominal size) painting two coats of coal tar io sides of choukhat and making good the damages to walls and floors complete to match the existing surface.                                                                                                    |  |                      |                 |
| <b>14.3.1</b>                           | For door                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | <b>each choukhat</b> | <b>553.60</b>   |
| <b>14.3.2</b>                           | For window                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | <b>each choukhat</b> | <b>367.60</b>   |
| <b>14.3.3</b>                           | For clerestory window                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | <b>each choukhat</b> | <b>232.20</b>   |
| <b>14.4</b>                             | Providing and fixing wooden cleats of size 100 mm x75 mm x50 mm to doors and windows with approved fittings including removal of old cleats where necessary including painting, polishing or bees waxing to match the existing shade:                                                                                                                                                                                                                                 |  |                      |                 |
| <b>14.4.1</b>                           | 2nd class teak wood cleats with brass hinges and screws                                                                                                                                                                                                                                                                                                                                                                                                               |  | <b>each</b>          | <b>63.40</b>    |
| <b>14.4.3</b>                           | Sal wood cleats with brass with brass hinges and screws                                                                                                                                                                                                                                                                                                                                                                                                               |  | <b>each</b>          | <b>56.80</b>    |



|              |                                                                                                                                                                                                                                           |                                                                        |              |               |
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|              | <b>14.4.5</b>                                                                                                                                                                                                                             | Kind class teak wood cleats with iron hidings and screws               | <b>each</b>  | <b>44.70</b>  |
|              | <b>14.4.7</b>                                                                                                                                                                                                                             | Sal wood cleats with iron hinges and screws                            | <b>each</b>  | <b>38.00</b>  |
|              | <b>14.4.8</b>                                                                                                                                                                                                                             | 1st class kail wood cleats with iron hinges and screws                 | <b>each</b>  | <b>26.10</b>  |
|              | <b>14.4.9</b>                                                                                                                                                                                                                             | 2nd class kail wood cleats with iron hinges and screws                 | <b>each</b>  | <b>26.10</b>  |
| <b>14.5</b>  | Renewing glass panes, with putty and nails wherever necessary:                                                                                                                                                                            |                                                                        |              |               |
|              | <b>14.5.2</b>                                                                                                                                                                                                                             | Float glass panes weighing 10 kg/m <sup>2</sup> (4mm thick glass)      | <b>sqm</b>   | <b>559.20</b> |
|              | <b>14.5.3</b>                                                                                                                                                                                                                             | Float glass panes weighing 13.75 kg/m <sup>2</sup> (5.5mm thick glass) | <b>sqm</b>   | <b>751.70</b> |
| <b>14.6</b>  | Renewing glass, with wooden fillets wherever necessary:                                                                                                                                                                                   |                                                                        |              |               |
|              | <b>14.6.2</b>                                                                                                                                                                                                                             | Float glass panes weighing 10kg/m <sup>2</sup> (4mm thick)             | <b>sqm</b>   | <b>653.70</b> |
|              | <b>14.6.3</b>                                                                                                                                                                                                                             | Float glass panes weighing 13.75kg/m <sup>2</sup> (5.5mm thick)        | <b>sqm</b>   | <b>871.20</b> |
| <b>14.7</b>  | Renewing galss panes and re fixing existing wooden fillets:                                                                                                                                                                               |                                                                        |              |               |
|              | <b>14.7.2</b>                                                                                                                                                                                                                             | Float glass panes weighing 10 kg/m <sup>2</sup> (4mm thick)            | <b>sqm</b>   | <b>566.00</b> |
|              | <b>14.7.3</b>                                                                                                                                                                                                                             | Float glass panes weighing 13.75kg/m <sup>2</sup> (5.5 mm thick)       | <b>sqm</b>   | <b>758.50</b> |
| <b>14.8</b>  | Supplying and fixing new wooden fillets wherever necessary                                                                                                                                                                                |                                                                        |              |               |
|              | <b>14.8.1</b>                                                                                                                                                                                                                             | Second class teak wood fillets                                         | <b>sqm</b>   | <b>22.20</b>  |
|              | <b>14.8.3</b>                                                                                                                                                                                                                             | Hollock wood fillets                                                   | <b>sqm</b>   | <b>17.40</b>  |
|              |                                                                                                                                                                                                                                           |                                                                        |              |               |
| <b>14.9</b>  | Renewal of old putty of glass panes (length)                                                                                                                                                                                              |                                                                        | <b>metre</b> | <b>12.30</b>  |
| <b>14.10</b> | Refixing old glass panes with putty and nails                                                                                                                                                                                             |                                                                        | <b>sqm</b>   | <b>16.00</b>  |
| <b>14.11</b> | Fixing old glass panes with wooden fillets (excluding cost of fillets)                                                                                                                                                                    |                                                                        | <b>sqm</b>   | <b>129.80</b> |
| <b>14.12</b> | Providing and fixing 16 mm M.S. Fan clamps of standard shape and size in existing R.C.C slab including cutting chase and making good ad painting exposed portion of the clamps complete                                                   |                                                                        | <b>each</b>  | <b>135.60</b> |
| <b>14.14</b> | Replacing sand stone slabs in roofing laid in cement mortar 1:4 (1 cement:4 coarse sand) including necessary repairs and cement pointing with same mortar complete including disposal of rubbish to dumping ground within 50 metres lead: |                                                                        |              |               |
| <b>-</b>     | <b>RED SAND STONE</b>                                                                                                                                                                                                                     |                                                                        |              |               |
|              | <b>14.14.1</b>                                                                                                                                                                                                                            | 30 to 40 mm thick                                                      | <b>sqm</b>   | <b>337.70</b> |
|              | <b>14.14.2</b>                                                                                                                                                                                                                            | 45 mm thick                                                            | <b>sqm</b>   | <b>366.80</b> |
|              | <b>14.14.3</b>                                                                                                                                                                                                                            | 50 mm thick                                                            | <b>sqm</b>   | <b>382.20</b> |
| <b>-</b>     | <b>WHITE SAND STONE</b>                                                                                                                                                                                                                   |                                                                        |              |               |
|              | <b>14.14.4</b>                                                                                                                                                                                                                            | 30 TO 40mm thick                                                       | <b>sqm</b>   | <b>358.40</b> |
|              | <b>14.14.5</b>                                                                                                                                                                                                                            | 45 mm thick                                                            | <b>sqm</b>   | <b>394.30</b> |
|              | <b>14.14.6</b>                                                                                                                                                                                                                            | 50 mm thick                                                            | <b>sqm</b>   | <b>368.50</b> |

|              |                                                                                                                                                                                                                                                  |                                               |              |                 |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------------|-----------------|
| <b>14.18</b> | Renewing wooden battens in roos, including making good the holes in wall and painting with C type wood preservative of approved brand and manufacture complete including removal of rubbish to the dumping ground within 50 meters lead:         |                                               |              |                 |
|              | <b>14.18.1</b>                                                                                                                                                                                                                                   | Sal wood battens                              | <b>cum</b>   | <b>65995.20</b> |
| <b>14.19</b> | Renewing wooden beams in roofs including making good the holes in wails and painting with oil type wood preservative of approved brand and manufacture complete including removal of rubbish to the dumping ground within 50 metres lead.        |                                               |              |                 |
|              | <b>14.19.1</b>                                                                                                                                                                                                                                   | Not exceeding 4.00 metres in length           |              |                 |
|              | <b>14:19.1.1</b>                                                                                                                                                                                                                                 | Sal wood beams                                | <b>cum</b>   | <b>70580.10</b> |
|              | <b>14.19.1.4</b>                                                                                                                                                                                                                                 | Hollock wood beams                            | <b>cum</b>   | <b>46115.30</b> |
|              | <b>14.19.2</b>                                                                                                                                                                                                                                   | Above 4.00 metres and upto 5.00 metres length |              |                 |
|              | <b>14.19.2.1</b>                                                                                                                                                                                                                                 | Sal wood beams                                | <b>cum</b>   | <b>71720.40</b> |
|              | <b>14.19.2.4</b>                                                                                                                                                                                                                                 | Hollock wood beams                            | <b>cum</b>   | <b>71483.00</b> |
| <b>14.21</b> | Raking out joints in lime or cement mortar and preparing the surface for repainting or re plastering including disposal of rubbish to the dumping within 50 metres lead                                                                          |                                               | <b>sqm</b>   | <b>13.60</b>    |
| <b>14.29</b> | Taking out wind ties from roof including cutting out rusted bolts, nuts etc, and removing materials to any distance within compound and stacking.                                                                                                |                                               | <b>Kg</b>    | <b>0.50</b>     |
| <b>14.30</b> | Fixing of old wind tie with new fittings including painting two or more coats with anticorrosive bitumastic paint of approved brand & manufacturer over and including priming coat of ready mixed zinc chromate yellow primer of approved brand. |                                               | <b>metre</b> | <b>52.70</b>    |
| <b>14.31</b> | Renewing bottom rail and /or top runner of collapsible gate including making good all damages and applying priming coat of zinc chromate yellow primer of approved brand and manufacturer                                                        |                                               | <b>kg</b>    | <b>81.80</b>    |

## **SUB HEAD: 15.0**

# **Dismantling and demolishing**

## BUILDING WORK - Contd.

**15.0 Dismantling and demolishing**

| <b>Code No.</b> | <b>Description</b>                                                                                                                        |  | <b>Unit</b> | <b>Rate Rs.</b> |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------|--|-------------|-----------------|
| 15.1            | Demolishing lime concrete and disposal of material within 50 metre lead.                                                                  |  | cum         | 160.40          |
| 15.2            | Demolishing cement concrete including disposal of material within 50 metre lead:                                                          |  |             |                 |
| 15.2.1          | 1:3:6 or richer mix                                                                                                                       |  | cum         | 458.70          |
| 15.2.2          | 1:4:8 or leaner mix                                                                                                                       |  | cum         | 283.20          |
| 15.3            | Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material withing 50 metres lead:                   |  | cum         | 669.20          |
| 15.4            | Demolishing R.B. work including stacking of steel bars and disposal of unserviceable material within 50 metres lead:                      |  | cum         | 598.60          |
| 15.5            | Extra for cutting reinforcement bars in R.C.C. or R.B. work (Payment shall be made on the cross sectional area of R.C.C. or R.B. work)    |  | Per RCC     | 226.60          |
| 15.6            | Extra for scrapping, cleaning and straightening reinforcement from R.C.C. or R.B. work.                                                   |  | kg          | 1.80            |
| 15.7            | Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50 meters lead:           |  |             |                 |
| 15.7.1          | In mud mortal                                                                                                                             |  | cum         | 132.80          |
| 15.7.2          | In lime mortar with old mugnal bricks                                                                                                     |  | cum         | 335.80          |
| 15.7.3          | In lime mortar                                                                                                                            |  | cum         | 160.40          |
| 15.7.4          | In cement mortar                                                                                                                          |  | cum         | 388.10          |
| 15.8            | Removing mortar form bricks and cleaning bricks including stacking within a lead of 50m (stacks of cleaned bricks shall be measured):     |  |             |                 |
| 15.3.1          | From brick work in mud mortar                                                                                                             |  | cum         | 884.40          |
| 15.8.3          | From brick work in lime mortar                                                                                                            |  | cum         | 1023.80         |
| 15.3.1          | From brick work in cement mortar                                                                                                          |  | cum         | 1285.10         |
| 15.9            | Demolishing stone rubble masonry including stacking of serviceable material and disposal of unserviceable material within 50 meters lead. |  |             |                 |
| 15.9.1          | In lime mortar                                                                                                                            |  | cum         | 218.20          |
| 15.9.2          | In cement mortar                                                                                                                          |  | cum         | 463.10          |

|              |                                                                                                                                                                                                |                                                   |                   |               |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------|---------------|
| <b>15.1</b>  | Desman tiling dressed stone work ashlar face stone work, marble work or precast concrete work including stacking of service able and disposal of unserviceable material within 50 metres lead: |                                                   |                   |               |
|              | 15.10.1                                                                                                                                                                                        | In lime mortar                                    | <b>cum</b>        | <b>275.90</b> |
|              | 15.10.2                                                                                                                                                                                        | In cement mortar                                  | <b>cum</b>        | <b>542.00</b> |
| <b>15.11</b> | Removing mortar form stones and cleaning stones and concrete articles (net quantity of stacks of cleaned materials will be measured)                                                           |                                                   |                   |               |
|              | 15.11.1                                                                                                                                                                                        | In lime mortar                                    | <b>cum</b>        | <b>91.05</b>  |
|              | 15.11.2                                                                                                                                                                                        | In cement mortar                                  | <b>cum</b>        | <b>130.70</b> |
| <b>15.12</b> | Desman tiling doors windows and clerestory windows (steel or wood) shutters including chowkhats, architrage, holdfasts etc. complete and stacking within 50 metres lead:                       |                                                   |                   |               |
|              | 15.12.1                                                                                                                                                                                        | Of area 3 sqm and below                           | <b>each</b>       | <b>72.00</b>  |
|              | 15.12.2                                                                                                                                                                                        | Of area beyond 3 sqm                              | <b>each</b>       | <b>98.60</b>  |
|              |                                                                                                                                                                                                |                                                   |                   |               |
| <b>15.13</b> | Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 meters lead.                                                                             |                                                   |                   |               |
|              | 15.13.1                                                                                                                                                                                        | Of area 3 sqm and below                           | <b>each</b>       | <b>28.00</b>  |
|              | 15.13.2                                                                                                                                                                                        | Of area beyond 3 sqm                              | <b>each</b>       | <b>37.00</b>  |
| <b>15.14</b> | Dismantling wood work in frames, trusses, purlins and rafters upto 10 metres span and 5 metres height including stacking the material within 50 metres lead:                                   |                                                   |                   |               |
|              | 15.14.1                                                                                                                                                                                        | Of sectional area 40 cm* and above                | <b>cum</b>        | <b>877.70</b> |
|              | 15.14.2                                                                                                                                                                                        | Of sectional area below 40cm <sup>2</sup>         | <b>m</b>          | <b>3.50</b>   |
| <b>15.15</b> | Extra for dismantling trusses, rafters, purlins etc. of wood work for every additional span of of one metre or part thereof beyond 10 me res:                                                  |                                                   |                   |               |
|              | 15.15.1                                                                                                                                                                                        | Of sectional area 40 cm <sup>2</sup> and above    | <b>metre span</b> | <b>116.10</b> |
|              | 15.15.2                                                                                                                                                                                        | Of sectional area below 40 cm <sup>2</sup>        | <b>meter span</b> | <b>0.30</b>   |
| <b>15.16</b> | Extra for dismantling trusses, rafters purlins etc. of wood work for every additional height of one meter or part thereof beyond 5 meters.                                                     |                                                   |                   |               |
|              | 15.16.1                                                                                                                                                                                        | Of sectional area 40 square centimeters and above | <b>cum</b>        | <b>167.40</b> |
|              | 15.16.2                                                                                                                                                                                        | Of sectional area below 40 square centimeters     | <b>m</b>          | <b>0.70</b>   |
| <b>15.17</b> | Dismantling steel work in single sections including dismembering and stacking within 50 meters lead in:                                                                                        |                                                   |                   |               |
|              | 15.17.1                                                                                                                                                                                        | R.S. Joists                                       | <b>kg</b>         | <b>0.60</b>   |
|              | 15.17.2                                                                                                                                                                                        | Channels.angles, tees and flats                   | <b>kg</b>         | <b>0.40</b>   |

|              |                                                                                                                                                                                                                                          |                                                   |            |               |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|------------|---------------|
| <b>15.18</b> | Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plats, bolts, nuts, cutting hvets, welding etc. including dismem bering and stacking within 50 metres lead.                         |                                                   | <b>kg</b>  | <b>1.10</b>   |
| <b>15.19</b> | Dismantling steel work in built up sections without dismembering and stacking within 50 metres lead                                                                                                                                      |                                                   | <b>kg</b>  | <b>0.80</b>   |
| <b>15.2</b>  | Extra for dismantling trusses, rafters, purlins etc. Of steel work for every additional span of one metre or part thereof beyond 10 metres                                                                                               |                                                   | <b>kg</b>  | <b>0.20</b>   |
| <b>15.21</b> | Extra for dismantling trusses, rafters, purlins etc. Of steel work for every additional height of one metre or part there of beyond 5 metres                                                                                             |                                                   | <b>kg</b>  | <b>0.20</b>   |
| <b>15.22</b> | Extra for marking of structural steel work required to be re-erected.                                                                                                                                                                    |                                                   | <b>kg</b>  | <b>0.80</b>   |
| <b>15.23</b> | Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.                                                                                                                       |                                                   |            |               |
|              | 15.23.1                                                                                                                                                                                                                                  | For thickness of tiles 10 mm to 25 mm             | <b>sqm</b> | <b>14.40</b>  |
|              | 15.23.2                                                                                                                                                                                                                                  | For thickness of tiles above 25 mm and upto 40 mm | <b>sqm</b> | <b>22.50</b>  |
| <b>15.24</b> | Demolishing dry brick pitching in floors, drains etc. including stacking serviceable material and disposal of unserviceable material within 50 metres lead.                                                                              |                                                   | <b>cum</b> | <b>248.30</b> |
| <b>15.25</b> | Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.                                                                           |                                                   | <b>sqm</b> | <b>50.20</b>  |
| <b>15.26</b> | Demolishing brick tile covering in terracing including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.                                                                                    |                                                   | <b>sqm</b> | <b>20.90</b>  |
| <b>15.27</b> | Demolishing mud phaska in terracing and disposal of material within 50 metres lead                                                                                                                                                       |                                                   | <b>cum</b> | <b>172.20</b> |
| <b>15.28</b> | Dismantling roofing including ridges, hips valleys and gutters etc. and stacking the material within 50 metres lead of:                                                                                                                  |                                                   |            |               |
|              | 15.28.1                                                                                                                                                                                                                                  | G.S. Sheet                                        | <b>sqm</b> | <b>32.00</b>  |
|              | 15.28.2                                                                                                                                                                                                                                  | Asbestos sheet                                    | <b>sqm</b> | <b>15.00</b>  |
| <b>15.29</b> | Dismantling stone slab roofing over wooden karries or R.C.C battens (dismantling karries and battens to be paid for separately) including stacking of serviceable material and disposal of unserviceable material within 50 metres lead: |                                                   | <b>cum</b> | <b>502.40</b> |
| <b>15.3</b>  | Dismantling jack arch roofing and floors including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.                                                                                        |                                                   | <b>sqm</b> | <b>47.90</b>  |

|              |                                                                                                                                                                                                |                                  |             |              |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------|--------------|
| <b>15.31</b> | Dismantling tiled roofing with battens boarding etc. complete including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.                         |                                  | <b>sqm</b>  | <b>39.60</b> |
| <b>15.32</b> | Demolishing thatch roofing including mats,bamboo,jaffari etc, complete including stacking of serviceable material and disposal of unserviceable material within 50 metres lead .               |                                  | <b>sqm</b>  | <b>10.90</b> |
| <b>15.33</b> | Dismantling wooden bairies in posts and struts including stacking within 50 metres lead                                                                                                        |                                  | <b>m</b>    | <b>4.00</b>  |
| <b>15.34</b> | Dismantling and stacking 50 metres lead.tencing posts or struts including all earth work and dismantling of concrete etc. in base of:                                                          |                                  |             |              |
|              | 15.34.1                                                                                                                                                                                        | T' or 'l.' iron or pipe          | <b>each</b> | <b>45.10</b> |
|              | 15,34.2                                                                                                                                                                                        | R. C. C.                         | <b>each</b> | <b>48.48</b> |
| <b>15.35</b> | Cutting bairies or wooden posts of fencing at the point of projection above the concrete or ground and stacking the same within 50 metres lead.                                                |                                  | <b>each</b> | <b>3.00</b>  |
| <b>15.36</b> | Dis nantling barbed wire or flexible rope in fencing including making roll;; and stacking within 50 metres lead.                                                                               |                                  | <b>kg</b>   | <b>6.90</b>  |
| <b>15.37</b> | Dismantling wooden trellis work excluding frames but including stacking the serviceable material within 50 metres lead.                                                                        |                                  | <b>sqm</b>  | <b>12.40</b> |
| <b>15.38</b> | Dismantling expanded metal or R.R.C. fabrics with necessary battens and beading including stacking the serviceable material within 50 metres lead.                                             |                                  | <b>sqm</b>  | <b>14.50</b> |
| <b>15.39</b> | Dismantling wooden boardings in lining of walls and partitions, excluding supporting members but including stacking within 50 metres lead.                                                     |                                  |             |              |
|              | 15.39.1                                                                                                                                                                                        | Upto 10 mm thick                 | <b>sqm</b>  | <b>11.80</b> |
|              | 15.39.2                                                                                                                                                                                        | Thickness above 10 mm upto 25 mm | <b>sqm</b>  | <b>15.10</b> |
|              | 15.39.3                                                                                                                                                                                        | Thickness above 25 mm upto 40 mm | <b>sqm</b>  | <b>17.50</b> |
| <b>15.4</b>  | Dismantling precast concrete or stone slabs in walls , partition walls etc. including stacking within 50 metres lead.                                                                          |                                  |             |              |
|              | 15.40.1                                                                                                                                                                                        | Thickness upto 40 mm             | <b>sqm</b>  | <b>55.00</b> |
|              | 15.40.2                                                                                                                                                                                        | Thickness above 40 mm upto 75 mm | <b>sqm</b>  | <b>82.40</b> |
| <b>15.41</b> | Dismantling cement asbestos, Celotax or other hard board ceiling or partition walls including stacking of serviceable materials and disposal of unserviceable materials within 50 metres lead. |                                  | <b>sqm</b>  | <b>11.00</b> |
| <b>15.42</b> | Dismantling C.I. or asbestos rain water pipe with fittings and clamps including stacking the material within 50 metres lead.                                                                   |                                  |             |              |
|              | 15.42.1                                                                                                                                                                                        | 75 to 80 mm dia pipe .           | <b>m</b>    | <b>14.30</b> |
|              | 15.42.2                                                                                                                                                                                        | 100 mm dia pipe                  | <b>m</b>    | <b>14.70</b> |
|              | 15.42.3                                                                                                                                                                                        | 150 mm dia pipe                  | <b>m</b>    | <b>15.10</b> |



|                     |                                                                                                                                                                                                                                                                |  |             |               |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------|---------------|
| <b>15.43</b>        | Dismantling including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.                                                                                                                                           |  |             |               |
| 15.4<br>3.1         | Water bound macadam road                                                                                                                                                                                                                                       |  | <b>sqm</b>  | <b>41.20</b>  |
| <b>15.4<br/>3.2</b> | Bituminous road                                                                                                                                                                                                                                                |  | <b>sqm</b>  | <b>81.00</b>  |
| <b>15.45</b>        | Dismantling G.I. pipes including excavation and refilling trenches after taking out the pipes , breaking lead caulked joints, melting of lead and making into blocks including stacking of pipes , lead at site within 50 metres lead.                         |  |             |               |
| 15.4<br>5.1         | Upto 150 mm diameter                                                                                                                                                                                                                                           |  | <b>m</b>    | <b>81.30</b>  |
| 15.4<br>5.2         | Above 150 mm dia upto 300 mm dia                                                                                                                                                                                                                               |  | <b>m</b>    | <b>112.30</b> |
| 15.4<br>5.3         | Above 300 mm diameter                                                                                                                                                                                                                                          |  | <b>m</b>    | <b>148.10</b> |
| <b>15.46</b>        | Dismantling steel cylinder R.C. pipes including excavation and refilling trenches after laking out the pipes. Breaking lead caulked joints, melting of lead and making into blocks including stacking or pipes , lead at site within 50 metres lead.           |  |             |               |
| 15,4<br>6,1         | Upto 600 mm diameter                                                                                                                                                                                                                                           |  | <b>m</b>    | <b>148.10</b> |
| 15.4<br>6.2         | Above 600 mm diameter                                                                                                                                                                                                                                          |  | <b>m</b>    | <b>369.60</b> |
| <b>15.47</b>        | Dismantling asbestos cement pressure pipes including excavation and refilling trenches after laking out the pipes and stacking the pipes within 50 metres lead .                                                                                               |  |             |               |
| 15.47.1             | Upto 150 mm diameter                                                                                                                                                                                                                                           |  | <b>m</b>    | <b>62.50</b>  |
| 15.47.2             | Above 150 mm diameter                                                                                                                                                                                                                                          |  | <b>m</b>    | <b>75.90</b>  |
| <b>15.48</b>        | Taking out C. I. cover with frame from R.C.C. top slab of manholes of various sizes including demolishing of R.C.C, wo'k and stacking of useful materials near the site and disposal of unserviceable materials into municipal dumps within 50 metres lead.    |  | <b>each</b> | <b>132.20</b> |
| <b>15,49</b>        | Taking out C.I. cover with frame from R.C.C. top slab of inspection chambers of various sizes including demolishing of R.CC. work and stacking of useful materials near the site and disposal of unserviceable materials into municipal dumps within 50 metres |  | <b>each</b> | <b>77.20</b>  |
| <b>15.5</b>         | Dismantling of R.C.C. spun vent shaft including excavating the cement concrete pit completely , taking out the shaft, refilling the excavated gap, stacking the useful materials near the site and disposal of unserviceable materials within 50 metres lead.  |  | <b>each</b> | <b>862.50</b> |

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |              |               |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------|---------------|
| <b>15.51</b>            | Dismantling of road gully chamber or various sizes including C.I. grating with frame including stacking of useful materials near the site and disposal of unserviceable materials into municipal dumps within 50 metres lead including refilling the excavated                                                                                                                                                                                                                                                                                                                                                                                                                   |  | <b>each</b>  | <b>181.40</b> |
| <b>15.52</b>            | Dismantling of flushing cistern of any size including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | <b>each</b>  | <b>178.90</b> |
| <b>15.53</b>            | Dismantling of C.I. sluice valve including stacking of useful materials within a lead of 50 metres.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |              |               |
| <b>15.53.</b>           | Upto 150 mm dia .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | <b>nos</b>   | <b>63.60</b>  |
| <b>15.53.L</b>          | Above 150 mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | <b>nos</b>   | <b>233.80</b> |
| <b>15.54</b>            | Dismantling of spindle fire hydrant including stacking of useful materials within 50 metres lead                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | <b>nos</b>   | <b>143.00</b> |
| <b>15.55</b>            | Dismantling of cement concrete platform along with curtain wall and base concrete etc. including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |              |               |
| <b>15.55.1</b>          | 120x120 cm(outside to outside)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | <b>nos</b>   | <b>208.00</b> |
| <b>15.55.2</b>          | 210x120 cm (outside to outside)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | <b>nos</b>   | <b>319.00</b> |
| <b>15.55.3</b>          | 320x120 cm (outside to outside)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | <b>nos</b>   | <b>451.50</b> |
| <b>15.56</b>            | Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | <b>sqm</b>   | <b>10.30</b>  |
| <b>15.57</b>            | Dismantling aluminium/Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 50 m lead as directed by Engineer-in-charge.                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | <b>sqm</b>   | <b>11.00</b>  |
| <b>BARRICADING WORK</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |              |               |
| <b>15.58</b>            | Providing sal ballah barricading with departmental sal ballah average 150 dia. And 2M long sal ballah post at interval of 2.5 M C/C fixed 0.5 M average below ground, packed with earth and Brick bats, well watered and rammed with three rows of average 100mm dia. Sal ballah horizontal runners fixed with iron spikes and wires, white washing one coat to exposed surface, dismantling the barricade after function, filling the holes, excluding carriage of sal ballah from and to godown up to 5K.M. lead, stacking them in countable stacks in godown including cost of all labour and materials and taxes all complete job as per specification and direction of E/I. |  | <b>Per m</b> | <b>121.60</b> |

## **SUB HEAD: 18.0**

# **Horticulture and Landscaping**

BUILDING WORK-Contd.

**18.0 Horticulture and Landscaping**

| <b>Code No.</b> | <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                      | <b>Unit</b>   | <b>Rate Rs.</b> |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|
| <b>18.1</b>     | Trenching in ordinary soil upto a depth of 60 cm including removal and stacking of serviceable materials and then disposing of by spreading and neatly levelling within a lead of 50 m and making up the trenched area to proper levels by filling with earth or earth mixed with sludge of/and manure before and after flooding trench with water (including cost of imported earth,sludge or manure). | <b>cum</b>    | <b>21.10</b>    |
| <b>18.2</b>     | Supplying and stacking of good earth at site including royalty but excluding carriage (earth measused in stacks will be reduced by 20% for payment).                                                                                                                                                                                                                                                    | <b>cum</b>    | <b>67.80</b>    |
| <b>16.4</b>     | Supplying and stacking a' site dump manure from approved source, excluding carriage (manure measured in stacks will be reduced by 8% for payment)                                                                                                                                                                                                                                                       |               |                 |
| <b>18.4.1</b>   | Screened through sieve of I.S. designation 20 mm                                                                                                                                                                                                                                                                                                                                                        | <b>cum</b>    | <b>17.70</b>    |
| <b>18.4.2</b>   | Screened through sieve of I.S. Designation 16 mm                                                                                                                                                                                                                                                                                                                                                        | <b>cum</b>    | <b>27.60</b>    |
| <b>18.4,3</b>   | Screened through sieve of I.S. designation 4.75 mm                                                                                                                                                                                                                                                                                                                                                      | <b>cum</b>    | <b>35.50</b>    |
| <b>18.5</b>     | Rough dressing the trenched ground including breaking clods.                                                                                                                                                                                                                                                                                                                                            | <b>100sqm</b> | <b>40.40</b>    |
| <b>18.6</b>     | Uprooting weeds form the trenched area after 10 to 15 days of its flooding with water including disposal of uprooted vegetation.                                                                                                                                                                                                                                                                        | <b>100sqm</b> | <b>132.00</b>   |
| <b>18.7</b>     | Fine dressing the ground                                                                                                                                                                                                                                                                                                                                                                                | <b>100sqm</b> | <b>99.60</b>    |
| <b>18.8</b>     | Spreading of sludge, dump manure or/and good earth in required thickness (Cost of sludge, dump manure or/and good earth to be paid separately).                                                                                                                                                                                                                                                         | <b>cum</b>    | <b>14.20</b>    |
| <b>18.9</b>     | Mixing earth and sjudge or manure in porportion specified or directed.                                                                                                                                                                                                                                                                                                                                  | <b>cum</b>    | <b>9.90</b>     |
| <b>18.10</b>    | Grassing with 'Doob' grass including watering and maintenance of the lawn for 30 days or more tili the grass forms a thick lawn free form weeds and fit for mowing including supplying good earth if needed.                                                                                                                                                                                            |               |                 |
| <b>18.10.1</b>  | In rows 15 cm apart in either direction.                                                                                                                                                                                                                                                                                                                                                                | <b>100sqm</b> | <b>148.30</b>   |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                |                |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------|----------------|
|              | <b>18.10.2</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | In rows 7.5 cm apart in either direction. | <b>100sqm</b>  | <b>311.30</b>  |
|              | <b>18.10.3</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | In rows 5 cm apart in either direction.   | <b>100sqm</b>  | <b>477.80</b>  |
| <b>18.11</b> | Renovating lawns including weeding,cheeling the grass,forking the ground, top dressing with sludge or manure,mixing the same with forked soil,watering and maintaining the lawn for 30 days or more till the grass forms a thich lawn free from weeds and fit for mowing and disposal of rubbish as directed, including supplying good earth if needed but excluding the cost of sludge or manure.                                                                                                                                                                                                                                                                                                                                       |                                           | <b>100 sqm</b> | <b>928.20</b>  |
| <b>18.12</b> | Uprooting rank vegetation and weeds by digging the area to a depth of 60 cm removing all weeds and other growth with roots by forking repeatedly, breaking clods, rough dressing, flooding with water, uprooting fresh growths after 10 to 15 days and then fine dressing for planting new grass, including disposal of all rubbish with all leads and lifts.                                                                                                                                                                                                                                                                                                                                                                            |                                           | <b>100sqm</b>  | <b>1632.20</b> |
| <b>18.13</b> | Preparation of beds for hedging and shrubbery by excavating 60 cm deep and trenching the excavated base to a further depth of 30 cm, refilling the excavated earth after breaking clods and mixing with sludge or manure in the ratio of 8:1 (8 parts of stacked volume of earth after reduction by 20% : one part of stacked volume of sludge or manure after reduction by 8%). flooding with water, filling with earth if necessary, watering and finally fine dressing, levelling etc. including stacking and disposal of materials declared unserviceable and surplus earth by spreading and levelling as drected, within a lead of 50 m lift upto 1.5 m complete (cost of sludge, manure or extra earth to be paid for separately). |                                           | <b>cum</b>     | <b>60.10</b>   |
| <b>18.14</b> | Digging holes in ordinary soil and refilling the same with the excavated earth mixed with manure or sludge in the ratio of 2;1 by volume (2 parts of stacked volume of earth after reduction by 20% : 1 part of stacked volume of manure after reduction by 8%) flooding with water,dressing including removal of rubbish and surplus earth, if any with all leads and lifts (cost of manure, sludge or extra good earth if needed to be paid for separately):                                                                                                                                                                                                                                                                           |                                           |                |                |
|              | <b>18.14.1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Holes 1.2 m dia, And 1.2 m deep.          | <b>each</b>    | <b>246.40</b>  |
|              | <b>18.14.2</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Holes 60 cm ciia. And 60 cm deep.         | <b>each</b>    | <b>31.40</b>   |
| <b>18.15</b> | Half brick circular tree guard in 50 class designation bricks, internal diameter 1.25 metre and height 1.2 metre above ground and 0.20 m below ground bottom two courses laid dry and top three courses in lime mortar 1:2(1 lime putty:2 surkhi) or cement ortar 1:6 (1 cement:6 fine sand) and the intermediate courses being in dry honey comb masonry as per design complete:                                                                                                                                                                                                                                                                                                                                                        |                                           |                |                |
|              | <b>18-15.1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | With F.P.S. Bricks                        | <b>each</b>    | <b>1287.80</b> |

|                  |                                                                                                                                                                                                                                                                                                                                                                                                         |               |                |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------|
| <b>18.16</b>     | Providing and fixing M.S. flat iron tree guard 60 cm dia. And 2 m high above ground level formed of 4 nos. 25x6 mm and 8 nos. 25x3 mm vertical M.S. flats hvetted to 3 nos. 25x6 mm M.S. flat iron rings in two halves, bolted together with 8 mm dia. And 30 mm long bolts including painting two coats with paint of approved brand and manufacture over a coat of priming, complete in all respects. | <b>each</b>   | <b>2341.70</b> |
| <b>18.19</b>     | Edging with bricks laid dry length wise including excavation, refilling, consolidating with hand packing and spreading neatly surplus earth within a lead of 50 m:                                                                                                                                                                                                                                      |               |                |
| <b>18.19.1</b>   | 100A class designation.                                                                                                                                                                                                                                                                                                                                                                                 |               |                |
| <b>18.19.1.1</b> | F.P.S.Bricks                                                                                                                                                                                                                                                                                                                                                                                            | <b>m</b>      | <b>30.90</b>   |
| <b>18.19.1.2</b> | 100Bclass designation.                                                                                                                                                                                                                                                                                                                                                                                  | <b>m</b>      | <b>28.50</b>   |
| <b>18.2</b>      | Filling mixture of earth and sludge or manure in the deisired proportion in trenches, flooding with water and levelling (cost of supplying earth and sludge nr manure and mixing excluded).                                                                                                                                                                                                             | <b>m</b>      | <b>4.70</b>    |
| <b>18.21</b>     | Excavation in dumped stones or malba including stacking of serviceable and unserviceable material separately and disposal of unserviceable material lead upto 50 m and lift upto 1.5 m disposed material to be neatly dressed.                                                                                                                                                                          | <b>cum</b>    | <b>138.00</b>  |
| <b>18.22</b>     | Excavation in bajri path including stacking of serviceable and unserviceable material lead upto 50 m and lift upto 1.5 m disposed material to be neatly dressed,                                                                                                                                                                                                                                        | <b>cum</b>    | <b>153.70</b>  |
| <b>18.23</b>     | Excavation in water bound macadam road including stacking the serviceable and unserviceable material separatedly and disposal of unserviceabel material lead upto 50 m and lift upto 1.5 m disposed material to be neatly dressed.                                                                                                                                                                      | <b>cum</b>    | <b>187.30</b>  |
| <b>18.24</b>     | Flooding the ground with water including making kiaries and dismantelling the same.                                                                                                                                                                                                                                                                                                                     | <b>100sqm</b> | <b>59.20</b>   |

## **SUB HEAD: 23.0**

### **Pile work**



## BUILDING WORK - Contd.

| <b>23.0 Pile work</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |                 |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|
| <b>Code No.</b>       | <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Unit</b> | <b>Rate Rs.</b> |
| 23.2                  | Boring providing and installing bored cast-in-situ reinforced cement concrete pile of specified diameter and length below the pile cap in cement concrete 1:1.5:3(1 cement: 1.5 coarse sand :3 graded stone aggregate or 20 mm nominal size) to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring with casing and /or bentonite solution and the length of the pile to be embedded in the pile cap. (Length of pile for payment shall be measured upto bottom of pile cap). |             |                 |
| 23.2.1                | 300 mm dia piles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | meter       | 385.20          |
| 23.2.2                | 400 mm dia piles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | meter       | 686.00          |
| 23.2.3                | 450 mm dia piles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | meter       | 868.60          |
| 23.2.4                | 600 mm dia piles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | meter       | 1544.30         |
| 23.2.5                | Making 25 cm (10") dia bore up to 4 mtr depth below ground with hand auger of approved quality in ordinary soil (vide classification of soil item A) true to plumb and without eccentricity in any stage of operation and disposal of the excavated earth up to 50 mtr, Lead including all lifts , all complete as per approved design and direction of E/I                                                                                                                                                                                             | meter       | 80.40           |
| 23.2.6                | 63 CM (25) UNDER -REAM Making 63 cm (25) dia under ream at required with hand auger of approved quality in ordinary soil (vide classification of soil item - A) true to plumb and without eccentricity in any stage of operation and disposal of the excavated earth up to 50 mts lead including all lifts , all complete as per approved design and direction of (E/I)                                                                                                                                                                                 | each        | 85.70           |

|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |           |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------|
| 23.3     | Boring, Providing and installing cast in situ single under reamed piles of specified diameter and length below pile cap in cement concrete piles with mix 1:134:3 (1 cement:1 <sup>1</sup> / <sub>2</sub> coarse sand:3 graded stone aggregate 20 mm nominal size) to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring with bentonite solution and the length of the pile to be embedded in pile cap etc all complete.(Length of pile for payment shall be measured upto to the bottom of pile cap). |          |           |
| 23.3.1   | 300 mm dia piles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | meter    | 446.30    |
| 23.3.2   | 400 mm dia piles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | meter    | 846.10    |
| 23.3.3   | 450 mm dia piles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | meter    | 1090.50   |
| 23.3.4   | 500 mm dia piles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | meter    | 1315.30   |
| 23.4     | Extra over item no 23.3 for boring,providing and installing cast in situ double under reamed piles, instead of single under ream of specified diameter and length. (Only the quantity of extra bulbs are to be paid).                                                                                                                                                                                                                                                                                                                                                             | each     | 614.70    |
| 23.7     | Vertical load testing of pile in accordance with IS 2911 (Part IV) including installation of loading platform and preparation of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification & the direction of Engineer in-charge.                                                                                                                                                                                                                                                                                           |          |           |
| 23.7.1   | Single pile                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |           |
| 23.7.1.1 | 17246TU up to 50 tonne capacity pile cost per test                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | per test | 41487.50  |
| 23.7.1.2 | Above 50 tonne & upto 100 tonne capacity pile.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | per test | 50359.80  |
| 23.7.2   | Group of two or more pile.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |
| 23.7.2.1 | Upto 50 tonne capacity each .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | per test | 60606.70  |
| 23.8     | Cyclic vertical load testing of pile in accordance with IS Code of practice IS : 2911 (part IV) including preparation of pile head etc for:-                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |
| 23.8.1   | Single piles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |
| 23.8.1.1 | Upto 50 tonne capacity pile                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | per test | 193691.50 |
| 23.8.2   | Group of two piles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |           |
| 23.8.2.1 | Upto 50 tonne capacity each,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | per test | 36863.90  |
| 23.9     | Lateral load testing of single pile in accordance with I.S. Code of practice I.S. 2911 (part IV) for determining safe allowable lateral load on pile:                                                                                                                                                                                                                                                                                                                                                                                                                             |          |           |
| 23.9.1   | Upto 50 tonne capacity pile                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | per test | 18744.30  |
| 23.9.2   | Above 50 tonne & 100 tonne capacity piles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | per test | 29366.10  |

## **SUB HEAD: 24.0**

## **Aluminium work**

**24.0 Aluminium work**

| <b>Code No.</b> | <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Unit</b> | <b>Rate Rs.</b> |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|
| <b>24.1</b>     | Providing and fixing anodised aluminium work for doors, windows, ventilator and partitions with extruded built up standard tubular and other sections of approved make conforming to IS : 733 and IS : 1285, anodised transparent or dyed to required shade according to IS : 1868, (Minimum anodic coating of grade AC 15), fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rust free straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing/paneling, C.P. brass/stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing and panelling to be paid for separately.) |             |                 |
| <b>24.1.1</b>   | <b>For fixed portion</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>kg</b>   | <b>366.20</b>   |
| <b>24.1.2</b>   | For shutters of doors, windows & ventilators including providing and fixing hinges/pivots and making provision for fixing of fittings wherever required including the cost of PVC/ neoprene gasket required (Fittings shall be paid for separately.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>kg</b>   | <b>384.35</b>   |
| <b>24.2</b>     | Providing and fixing 12 mm thick prelaminated three layer medium density (exterior grade) particle board Grade I, Type II conforming to IS : 12823 bonded with phenol formaldehyde synthetic resin, of approved brand and manufacture in panelling fixed in aluminium doors, window shutters and partition frames, with C.P. brass/stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |                 |
| <b>24.2.1</b>   | Pre-laminated particle board with decorative lamination on one side and balancing lamination of other side.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>sqm</b>  | <b>968.20</b>   |
| <b>24.2.2</b>   | Prelaminated particle board with decorative finish on both side                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>sqm</b>  | <b>1007.50</b>  |
| <b>24.3</b>     | Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |                 |
| <b>24.3.1</b>   | With glass panes of 4.0 mm thickness (weight not less than 10.0kg/sqm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>sqm</b>  | <b>717.00</b>   |

|             |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |                |
|-------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|
|             | <b>24.3.2</b> | With glass panes of 5.50 mm thickness(weight not less than 13.75 kg/sqm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>sqm</b>  | <b>909.90</b>  |
| <b>24.4</b> |               | Providing and fixing double action hydraulic floor spring of approved brand and manufacture (conforming to IS: 6315) for aluminium doors including cost of cutting floors as required, embedding in floors and cover plates etc. complete as per the direction of engineer-in charge.                                                                                                                                                                                                                                                                                                                                                                                                          | <b>each</b> | <b>2016.30</b> |
| <b>24.5</b> |               | Providing and fixing anodised aluminium work (with minimum 50 micron uniform anodic coating) consisting of tee/angle sections, of approved make conforming to IS: 733 in frames of false ceiling including aluminium angle cleats with necessary C.P. brass/stainless steel sunk screws, aluminium perimeter angles fixed to wall with rawl plugs @ 450 mm centre to centre and fixing the frame work to level adjusting hangers (6 mm dia M.S. rods) with necessary cadmium plated machine screws all complete as per approved architectural drawings and direction of the Engineer-in-charge(level adjusting hangers, ceiling cleats and expansion hold fastners to be paid for separately). | <b>kg</b>   | <b>462.50</b>  |
| <b>24.6</b> |               | Providing and fixing level adjusting hangers of 6mm dia. M.S. rods (upto 1200 mm length) fixed to roof slabs by means of M.S. angle ceiling cleats 40x40x5 mm size 40 mm long and expansion hold fastners 12.5 mm dia. 40 mm long including applying priming coat of zinc chromate yellow primer for steel members complete.                                                                                                                                                                                                                                                                                                                                                                   | <b>each</b> | <b>108.80</b>  |
| <b>24.7</b> |               | Providing and fixing machine moulded anodised aluminium covering of approved pattern & design, made out of 170 mm wide machine cut aluminium sheet and machine holed for receiving screws, over expansion joints on vertical surfaces/ceilings with full threaded, cadmium plated steel screws 4 mm dia. stem, 30 mm long and aluminium washers 2 mm thick, 15 mm dia. at a staggered pitch of 200 mm centre to centre including drilling holes in the receiving surface and providing expandable plastic sleeves in holes etc. complete.(Anodising on the aluminium sheet and washers to be 15 micron thick)                                                                                  |             |                |
|             | <b>24.7.1</b> | Made out of 170 mm wide anodised aluminium sheet 2.5 mm thick.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>kg</b>   | <b>305.30</b>  |
|             | <b>24.7.2</b> | Made out of 210 mm wide anodised aluminium sheet 2.5 mm thick.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>kg</b>   | <b>304.9</b>   |

## **SUB HEAD: 25.0**

### **Water proofing**

**25.0 Water proofing**

| <b>Code No.</b> | <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Unit</b> | <b>. Rate Rs.</b> |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------|
| 25.1            | Providing and laying integral cement based treatment for water . proofing on horizontal surfaces at all levels as directed by Engineer-in-charge and consisting of: 1) 1st layer of 20 mm thick approved and specified rough stone slab over a 25 mm thick base of cement mortar 1:3 (1 cement:3 coarse sand) mixed with water proofing compund conforming to IS: 12645 in the recommnded propotion. Joints sealed and grouted with cement slurry mixed with water proofing compound conforming to IS: 12645 in proportions recommended by the manufacturer. II) 2nd:lass layer of <b>25</b> mm thick cement mortar 1:3 (1 cement:3 coarse sand) mixed <b>with</b> water proofing compound in recommended propotions. III) Finishing top with stone aggregate of 10 mm to 12 mm nominal size spreadidng @ 8 cudm/sqm thoroughly embedded in the 2nd layer. |             |                   |
|                 | <b>25.1.1</b> Using rough kota sotne.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | sqm         | <b>842.30</b>     |
|                 | <b>25.1.2</b> Using rough red sand stone.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | sqm         | <b>768.90</b>     |
| <b>25.2</b>     | Providing and laying integral cement based treatment for water proofing on the vertical surface by fixing sspecified stone slab 20 mm thick with cemm slurry mixed with water proofing compound conforming to IS: 2645 in recommended proportion with a gap of 20 mm (minimum) between stone slabs and the receiving surfaces and filling the gaps with neat cement slurry mixed with water proofing compound and finishing the exterior of stone slab with cement mortar1:4 (1 cement:4 coarse sand) 20 mm thick with neat cement punning mixed with water proofing compound in recommended proportion complete at all levels and as directed by Engineer-in-charge.                                                                                                                                                                                      |             |                   |
|                 | 25.2.1 Using rough kota stone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | sqm         | 1050.80           |
|                 | 25.2.2 Using rough red sand stone.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | sqm         | 975.30            |
| <b>25.3</b>     | Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C. kitchen and the like consisting of: (i) 1st course of applying cement slurry @ 4.4 kg/sqm mixed with water proofing compound conforming tc IS 2645 in recommended proportions.(ii) 11 nd course of 20 mm cement plaster 1:3 (1 cement:3 coarse sand)mixed with water proofing compound in recommended proportion, (iii) Illrd course of applying blown or/residual bitumen aplied hot at 1.7 kg. per sqm of area, (iv) Ivth course of 400 micron thick PVC sheet.(Overlaps at joints of PVC shet should be 100 mm wide and pasted to each other with bitumen @ 1.7 kg/sqni).                                                                                                                                                               |             |                   |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>sqm</b>  | <b>335.80</b>     |



|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |               |
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| <b>25.4</b>   | Providing and Placing in position suitable PVC water stops for construction/expansion joints between two RCC members and fixed to the reinforcement with binding wire before pouring concrete etc. complete                                                                                                                                                                                                                                                                                                                                                                                                              |            |               |
| <b>25.4.1</b> | Serrated with central bulb (225 mm wide, 8-11 mm thick)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>m</b>   | <b>486.60</b> |
| <b>25.4.2</b> | Dumb bell with Central bulb (180 mm wide, 8 mm thick)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>m</b>   | <b>442.70</b> |
| <b>25.4.3</b> | Kickers (320 mm wide, 5 mm thick)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>m</b>   | <b>454.00</b> |
| <b>25.5</b>   | Providing and laying in situ five course water proofing treatment with glass fibre tissue reinforced bitumen over roof consisting of first coat of bitumen primer @ 0.40 kg. per sqm, 2nd & 4th courses of bonding material @ 1.60 kg. per sqm which shall consist of blown type bitumen of grade 85/25 conforming to IS: 702, third layer of glass fibre tissue course as specified, fifth, the top most layer of stone grit 6 mm and down size or pea-sized gravel spread @ 6 dm <sup>2</sup> per sqm including preparation of surface excluding grading for slope etc. complete.                                      | <b>sqm</b> | <b>323.20</b> |
| 25.6          | Providing and laying in situ seven course water proofing treatment with glass fibre tissue reinforced bitumen over roof consisting of first coat of bitumen primer @ 0.40 Kg, per sqm . 2nd , 4th & 6th courses of bonding material @ 1.60 kg, per sqm , which shall consist of blown type bitumen of grade 55/25 conforming to IS : 702 , third and fifth layers of glass fibre tissue course as specified , seventh , the top pea-sized gravel spread @ 6 dm <sup>3</sup> per sqm , including preparation of surface excluding grading for slope etc. complete.                                                        | <b>sqm</b> | <b>506.80</b> |
| <b>25.7</b>   | Providing and laying in situ nine course water proofing treatment with glass fibre tissue reinforced bitumen over roof consisting of first coat of bitumen primer @ 0.40 kg. per sqm , 2nd , 4th , 6th , 8th courses of bonding material @ 1.60 kg. per sqm , which shall consist of blown type bitumen of grade 55/25 conforming to IS - 702 , third , fifth and seventh courses of glass fibre tissue , as specified , ninth, the top most layer of stone grit 6 mm and down size or pea-sized gravel spread @ 6 dm <sup>2</sup> per sqm including preparation of surface ' excluding grading for slope etc, complete. | <b>sqm</b> | <b>689.90</b> |

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                   |                      |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------|
| <p><b>25.8</b></p>   | <p>Providing and laying integral cement based water proofing treatment including prepatation of surface as required for treatment of roofs, balconies , terraces etc, consisting of following operations. <b>(a)</b> Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water -proofing compound cleaning the surface before treatment, <b>(b)</b> Laying cement concrete using broken bricks / brick bats 25 mm to 100 mm size with 50 % of cement mortar 1:5 (1 cement: 5 coarse sand ) admixed with proprietary water proofing compound conforming to IS : 2645 over 20 mm thick layer of cement mortar of mix 1:5 (1 cement: 5 coarse sand ) admixed with proprietary water proofing compound conforming to IS 2545 to reuired slope and treating similiary the adjoining walls upto 300 mm height including rounding of junctions, or walls ad slabs. <b>(c)</b> After two days of proper curing applying a secoung coat of cement slurry admixed with proprietary water proofing compound conforming to IS : 2645. <b>(d)</b> Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement: 4 coarse sand ) admixed with proprietary water proofing compound conforming to IS : 2645 and finally finishing the surface with trowel with neat cement slurry and making of 300 x 300 mm square. <b>(e)</b> The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test, All above operations to be done in order and as directed and specified by the Engineer-in-Charge.</p> |                   |                      |
|                      | <p>25.8.1 With average thickness of 120 mm and minimum thickness at khurras point to be 65 ..</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <p><b>sqm</b></p> | <p><b>556.50</b></p> |
| <p><b>25.9.1</b></p> | <p>Providing and laying in situ seven course water proofing treatment with APP (Atactic poly-propylene) modified Polymeric membrane over roof consisting of first coat of bitumen primer @ 0.40Kg per sqm, 2nd, 4th &amp; 6th courses of bonding material @ 1.20 Kg/sqm, which shall consist of blown type bitumen of grade 85/25 conforming to IS : 702, 3rd and 5th layers of roofing membrane APP modified Polymeric membrane 1.5mm thick of 2.25 Kg/sqm weight consisting of five layers prefabricated with centre core as 20micron HMHDPE film sandwiched on both sides with polymeric mix and the polymeric mix is protected on both side with 20micron HMHDPE film. 7th, the top most layer shall be finished with brick tiles of class designation 100 grouted with cement mortar 1:3 (lcement:3 fine sand) mixed with 2% integral water proofing compound by weight of cement over a 12mm layer of cement mortar 1:3 (1 cement: 3 fine sand) and finished neat which shall be paid for separately .</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <p><b>sqm</b></p> | <p><b>401.30</b></p> |

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                      |
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| <p><b>25.9.2</b></p> | <p>Providing and laying in situ five course water proofing treatment with <b>APP</b> (Atactic Polypropylene) modified Polymeric membrane over roof consisting of first coat of bitumen primer @ 0.40Kg per sqm, 2nd &amp; 4th courses of bonding material @ 1.20 Kg/sqm, which shall consist of blown type bitumen of grade 85/25 conforming to IS: 702, 3rd layer of roofing membrane APP modified Polymeric membrane 2.0mm thick of 3.00 Kg/sqm weight consisting of five layers prefabricated with centre core as 100micron HMHDPE film sandwiched on both sides with polymeric mix and the polymeric mix is protected on both side with 20micron HMHDPE film. 5th, the top most layer shall be finished with brick tiles of class designation 100 grouted with cement mortar 1:3 (1 cement: 3 fine sand) mixed with 2% integral water proofing compound by weight of cement over a 12mm layer of cement mortar 1:3 (1 cement : 3 fine sand) and finished neat which shall be paid for separately as per DSR Item No. 12.19.</p> | <p><b>sqm</b></p> | <p><b>308.70</b></p> |
| <p><b>25.9.3</b></p> | <p>Providing and laying in situ seven course water proofing treatment with APP (Atactic Polypropylene) modified Polymeric membrane over roof consisting of first coat of bitumen primer @ 0.40Kg per sqm, 2nd, 4th &amp; 6th courses of bonding material @ 1.20 Kg/sqm, which shall consist of blown type bitumen of grade 85/25 conforming to IS : 702, 3rd and 5th layers of roofing membrane APP modified Polymeric membrane 2.0mm thick of 3.00 Kg/sqm weight consisting of five layers prefabricated with centre core as 100micron HMHDPE film sandwiched on both sides with polymeric mix and the polymeric mix is protected on both side with 20micron HMHDPE film. 7th, the top most layer shall be finished with brick tiles of class designation 100 grouted with cement mortar 1:3 (1 cement: 3 fine sand) mixed with 2% integral water proofing compound by weight of cement over a 12 mm layer of cement mortar 1:3 ( 1 cement: 3 fine sand) and finished neat which shall be paid for separately .</p>                | <p><b>sqm</b></p> | <p><b>468.70</b></p> |