



GOVERNMENT OF BIHAR
BUILDING CONSTRUCTION DEPARTMENT

SCHEDULE OF RATES

VOLUME-1

FIFTH EDITION

EFFECTIVE FROM:- 16-07-2012

CONTENTS-1

Sl.No.	Subject	Page
1	Preface	ii to vi
2	Proceeding of State level Schedule rate committee held on 28-05-2012	Vii to ix
3	Copy of State level Schedule rate committee letter 35(we)6-06-2012	x to xi
4	Copy of State level Schedule rate committee letter 36(we)6-06-2012	xii to xiv
5	Copy of State level Schedule rate committee letter 37(we)6-06-2012	xv to xvii
6	Railway route and Freight	xxviii to xxxi
7	Copy of State level Schedule rate committee letter 38e)13-05-10 regarding labour chess	xxxii-xxxii
8	Royalty of material	xxxiii-xxxvii

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 (सी0पी0डब्लू0डी0) के प्रावधान के अनुरूप अनुसूचित दर का प्रथम संस्करण-01.07.2008, द्वितीय संस्करण-16.01.2009, तृतीय संस्करण दिनांक-24.11.09 एवं चतुर्थ संस्करण दिनांक-15.06.2011 से लागू किया गया था। राज्यस्तरीय अनुसूचित दर निर्धारण समिति द्वारा दिये गये सामग्रियों, श्रमदर के पुनरीक्षण एवं अन्य निर्णय के आलोक में दिनांक-15.06.2011 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-16.07.2012 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) 37 अनु0 पटना, दिनांक-6.06.2012 के आलोक में सीमेंट, स्टील, ईट, स्टोन-ऐग्रीगेट 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-35 अनु0 दिनांक- 06.06.2012 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-36 अनु0 दिनांक- 06.06.2012 के आलोक में कार्यमदों में

व्यवहृत होने वाले अन्य निर्माण सामग्रियों के बेसिक दरों का 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 ऐग्रीगेट का दर श्रोत पर लिया गया है।

❖ संयोजक, राज्य स्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियंता प्रमुख, पथ निर्माण विभाग, बिहार, पटना के पत्रांक-मु0नि0(पथ) 37 अनु0 पटना, दिनांक-06.06.2012 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, पथ निर्माण विभाग, बिहार, पटना के पत्रांक-मु0नि0(पथ) 37 दि0-06.06.2012 के आलोक में वैसे स्थल जहाँ पर रेलवे द्वारा निर्माण सामग्रियों की ढुलाई सम्भव है। वहाँ पर रोड एवं रेलवे दोनो के द्वारा Carriaged of Material का दर प्राप्त किया जाय तथा दोनो में से न्यूनतम दर को ही प्रयोग में लाया जाय।

❖ ईट, बालू, चीप्स आदि के लिए अधिकतम लीड एवं कैरेज 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, 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 गिरीश नन्दन 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।

राज्य अनुसूचित दर निर्धारण समिति के अध्यक्ष एवं सभी सदस्यों के साथ-साथ विभागीय अनुसूचित दर निर्धारण समिति के सभी सदस्यों श्री गोपाल कृष्ण, अभियंता प्रमुख-सह-मुख्य अभियंता (दक्षिण उपभाग), श्री रमेश 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 सुधीर कुमार, प्रधान 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 आज दिनांक-16.07.2012 से प्रभावी किया जाता है।

ह0/-

(रमेश कुमार)

मुख्य अभियंता, (उत्तर उपभाग)

भवन निर्माण विभाग, बिहार, पटना।

ह0/-

(गोपाल कृष्ण)

अभियंता प्रमुख-सह-मुख्य अभियंता,(दक्षिण उपभाग)

भवन निर्माण विभाग, बिहार, पटना।

ह0/-

(गोपाल कृष्ण)

अभियंता प्रमुख

भवन निर्माण विभाग, बिहार, पटना।

पत्रांक :- मु० नि० (पथ)-०२/०६ - ३८

दिनांक :- 11/06/12

दिनांक 28.05.2012 को आहुत राज्य स्तरीय अनुसूचित दर निर्धारण समिति के बैठक की कार्यवाही :-

क्र० सं०	उपस्थिति	पदनाम
1	श्री बबन राम	संयोजक, राज्यस्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियंता प्रमुख, पथ निर्माण विभाग, बिहार, पटना।
2	श्री धर्मदेव चौधरी	अभियंता प्रमुख, ग्रामीण कार्य विभाग, बिहार, पटना।
3	श्री गोपाल कृष्ण	अभियंता प्रमुख, भवन निर्माण विभाग, बिहार, पटना।
4	श्री देवी रजक	अभियंता प्रमुख, (मध्य) जल संसाधन विभाग, बिहार, पटना।
5	श्री सुधांशु कुमार वर्मा	अभियंता प्रमुख, तकनीकी परीक्षक कोषांग निगरानी विभाग, बिहार, पटना।
6	श्री अजय कुमार सिन्हा	मुख्य अभियंता (असैनिक), बिहार राज्य विधुत बोर्ड, बिहार, पटना।

बिटुमेन से संबंधित दर :-

1. बिटुमेन के दर में राष्ट्रीयकृत कंपनियों द्वारा किये गये घटोत्तरी से उत्पन्न स्थिति पर राज्यस्तरीय अनुसूचित दर निर्धारण समिति के सदस्यों द्वारा विस्तार से विचार विमर्श किया गया। समिति के सदस्यों द्वारा सर्वसम्मति से पूर्णविचारोपरान्त HPCL एवं IOC से प्राप्त दरों में से न्यूनतम दर बिना VAT के अनुसूची "M4" के अनुसार अनुमोदित करने का निर्णय लिया गया।

2. Steel से संबंधित निर्माण सामग्रियों का दर :-

G.C Sheet, Wire rod in coil, Steel Joist, Steel Channel, Steel Angles एवं TMT Bar (Fe 500) के दर पुनरीक्षण के लिए स्टील कंपनियों यथा SAIL, TATA एवं VIZAG से प्राप्त दर पर राज्यस्तरीय अनुसूचित दर निर्धारण समिति के सदस्यों द्वारा विस्तार से विचार विमर्श किया गया। स्टील कंपनियों द्वारा कुछ ही Items का दर उपलब्ध कराया गया है जिसके आलोक में सर्वसम्मति से पूर्णविचारोपरान्त G.C Sheet(M5) Steel Joist(M7) के लिए पूर्व के अनुमोदित दर को ही यथावत् रखने का निर्णय लिया गया। Wire rod in coil, Steel Channel, Steel Angles एवं TMT Bar (Fe 500) के दर को अनुसूची M6, M8, M9, M10 A के अनुसार अनुमोदित करने का निर्णय लिया गया।

3. सिमेंट का दर:-

विभिन्न कंपनियों द्वारा सिमेंट का दर उपलब्ध कराया गया है, जिसके आलोक में सिमेंट कंपनियों द्वारा दिये गये दर में बढ़ोत्तरी से उत्पन्न स्थिति पर राज्य स्तरीय अनुसूचित दर निर्धारण समिति के सदस्यों द्वारा विस्तार से विचार विमर्श किया गया तथा समिति के सदस्यों द्वारा सर्वसम्मति से पूर्णविचारोपरान्त कंपनियों से प्राप्त दरों में से न्यूनतम दर को बिना VAT के अनुसूची "M1", "M2", एवं "M3A" के अनुसार अनुमोदित करने का तथा अनुसूची M3B को यथावत् रखने का निर्णय लिया गया।

कृ०प०उ०

4. Plant एवं Machinery:-
पूर्व में राज्य स्तरीय अनुसूचित दर निर्धारण समिति में लिये गये निर्णय (दिनांक-15.11.11) को यथावत रखे जाने का समिति द्वारा निर्णय लिया गया ।
5. निर्माण कार्यों (सड़के, बाँध तथा सिंचाई कार्य) में नियोजित विभिन्न श्रेणी के मजदूरों का संशोधित न्यूनतम दैनिक मजदूरी के दर पुनरीक्षण हेतु लिये गये निर्णय :-
श्रम संसाधन विभाग, बिहार, पटना के अधिसूचना सं0 562 दिनांक 21.03.12 के आलोक में पथ निर्माण कार्यों में प्रयुक्त 72 प्रकार के विभिन्न कर्मियों तथा बाँध निर्माण एवं सिंचाई कार्यों के लिये प्रयुक्त 71 प्रकार के विभिन्न कर्मियों के न्यूनतम दैनिक श्रम दर का अनुमोदन सदस्यों द्वारा सर्वसम्मति से पूर्ण विचारोपरान्त अनुसूची - I एवं II के अनुसार करने का निर्णय लिया गया तथा समिति के सदस्यों द्वारा निर्णय लिया गया कि यह दर भवन निर्माण, ग्रामीण कार्य, लोक स्वास्थ्य अभियंत्रण विभाग एवं अन्य कार्य विभाग के अंतर्गत कराये जाने वाले निर्माण कार्यों के उपयोग में भी लाया जा सकता है ।
6. ईट एवं ईट से संबंधित निर्माण सामग्रियों का दर पुनरीक्षण:-
पूर्व में अनुमोदित दर को चालू वित्तीय वर्ष में भी लागू रखा गया है ।
7. MORT&H Data Book के कार्यमदों में व्यवहृत स्टोन मेटेरियल के दर निर्धारण के संबंध में लिये गये निर्णय:-
पथ निर्माण विभाग (राष्ट्रीय उच्च पथ सहित) के लिए दिनांक-01.05.2012 से प्रभावी अनुसूचित दर में व्यवहृत स्टोन बोल्डर, मेटल्स एवं विभिन्न आकार के चिप्स के दरों को सर्वसम्मति से पूर्ण विचारोपरान्त RBI Table No-38, Whole Sale Price Index, (Published on March 2011-2012) द्वारा निर्गत थोक मूल्य सूचकांक को Internet से Print प्राप्त कर स्टोन मेटल्स को Non metallic minerals के अन्तर्गत रखा गया है । मार्च 2011 से मार्च 2012 तक की WPI में औसतन बढ़ोत्तरी 6.71 प्रतिशत आता है। तदनुसार स्टोन मेटल्स (Material Code No-M001-M0055 तक) का दर प्राप्त करने के लिए पूर्व के अनुमोदित दर में रॉयल्टी घटाकर 6.71 % की बढ़ोत्तरी का निर्णय लिया गया है । Material Code No.M058, M063, M071, M072, M080, M091, M118, M131, M132, M152, M182 एवं M188 के लिये Building Department के SOR में अनुमोदित दर को ही रखने पर सदस्यों द्वारा सर्वसम्मति से निर्णय लिया गया । Material Code M001-M0055 तक पर संलग्न अनुसूची "M/MORTH-1" के अनुसार अनुमोदित करने का निर्णय लिया गया । शेष निर्माण सामग्रियों के दरों को संलग्न सूची "M/MORTH-1A" के अनुसार सर्वसम्मति से पूर्ण विचारोपरान्त पुनरीक्षण करने का निर्णय लिया गया ।
8. (a) पथ निर्माण विभाग (राष्ट्रीय उच्च पथ सहित) के लिए दिनांक -01.06.2012 से प्रभावी अनुसूचित दर पुस्त के पुनरीक्षण हेतु अलग से अद्यतन श्रम दर, अद्यतन Plant and Machinery के Usage rate एवं अद्यतन निर्माण सामग्रियों के दर के आधार पर INPUT (Labour), INPUT(P&M) and INPUT (M) को सदस्यों द्वारा सर्वसम्मति अनुमोदित करने का निर्णय लिया गया ।
- (b) नई अनुसूचित दर पुस्त का प्रकाशन के संबंध में विचार विमर्श:-
पिछले वर्ष की भाँति इस वर्ष भी नये अनुसूचित दर पुस्त का प्रकाशन किया जाना है जिस पर सदस्यों द्वारा विचार विमर्श किया गया तथा इसे दिनांक 01.06.2012 से लागू किये जाने का सर्वसम्मति से निर्णय लिया गया ।
9. श्रमिक कल्याण कोष हेतु 1 % (एक प्रतिशत) सेस की कटौती से संबंधित श्रम संसाधन विभाग,

कृ०पृ०उ०

बिहार सरकार के पत्रांक 562 दिनांक-21.03.2012 एवं संयोजक सह अभियंता प्रमुख के पत्रांक-37 (अनु0) पटना, दिनांक 13.05.2010 के द्वारा दिये गये निर्देश का अनुपालन सुनिश्चित करने के जिम्मेदारी क्षेत्रीय पदाधिकारियों की होगी इस अनुसूचित दर पुस्त के दर विश्लेषण में 1 % (एक प्रतिशत) सेस की राशि को सम्मिलित नहीं किया गया है ।

10. अभियंता प्रमुख, भवन निर्माण विभाग, बिहार पटना के पत्रांक 3910(भ) अनु0 दिनांक 18.05.2012 द्वारा भवन निर्माण से संबंधित विभिन्न सामग्रियों के दर पुनरीक्षण हेतु प्रस्ताव प्राप्त हुआ है । प्रस्तावित दर में थोक मूल्य सूचकांक 10.1281% की दर बृद्धि का समावेश किया गया है । प्रस्तावित दर पर समिति के सदस्यों द्वारा विस्तार से विचार विमर्श किया गया तथा विमर्शोपरान्त भवन निर्माण सामग्रियों की सूची में उल्लेखित दर को अनुमोदित करने का निर्णय लिया गया । उपर्युक्त अनुमोदित दर में Overhead Charges (OH) एवं संवेदक लाभांश (CP) को छोड़कर सभी कर सन्निहित है । भवन निर्माण विभाग द्वारा केन्द्रीय लोक निर्माण विभाग के अद्यतन दर का Itemwise Adopt किया गया, जिसे समिति ने अनुमोदित किया ।

बैठक का समापन संयोजक महोदय द्वारा उपस्थित सदस्यों के प्रति सधन्यवाद ज्ञापन के साथ किया गया ।

विश्वासीभाजन

(बबन रांभ)

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) 04 / 2006-अंश-II - 35 (अ०६) पटना/दिनांक - 06/06/12

प्रेषक,

बबन राम,
संयोजक,
राज्यस्तरीय 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:- वर्ष 2012-13 के लिए अनुसूचित दर पुनरीक्षण हेतु श्रम दर का निर्धारण।

प्रसंग :- श्रम संसाधन विभाग, बिहार पटना की अधिसूचना सं0- 562 दिनांक 21.03.2012

o/c

महाशय,

उपरोक्त विषयक राज्यस्तरीय अनुसूचित दर निर्धारण समिति के सदस्यों की सहमति से बिहार सरकार के श्रम संसाधन विभाग, बिहार, पटना के अधिसूचना संख्या-562 दिनांक 21.03.2012 के आधार पर अद्यतन श्रम दरों की स्वीकृति वर्ष 2012-13 के लिए अनुसूचित दर निर्धारण हेतु संलग्न अनुसूची के अनुसार निम्न प्रकार दी जाती है तथा समिति के सदस्यों द्वारा निर्णय लिया गया कि यह दर भवन

P.T.O

निर्माण, ग्रामीण कार्य, लोक स्वास्थ्य अभियंत्रण विभाग एवं अन्य कार्य विभाग के अंतर्गत कराये जाने वाले समरूप कार्यों के उपयोग में भी लाया जाना है :-

1. श्रम दर (पथों के निर्माण एवं संधारण कार्यों के लिए) संलग्न अनुसूची-1 के स्तंभ-8 के अनुसार।
2. श्रम दर (बाँध एवं सिंचाई कार्यों के लिए) संलग्न अनुसूची-2 के स्तंभ-8 के अनुसार।
3. स्वीकृत नयी दरों में यदि किसी प्रकार की त्रुटि या विसंगति हो तो इसकी सूचना अधोहस्ताक्षरी को अविलंब दी जाय।
4. विस्तृत जानकारी हेतु श्रम संसाधन विभाग, बिहार, पटना की अधिसूचना सं0-562 दिनांक 21.03.2012 देखा जा सकता है।

अनु० :- यथोक्त।

विश्वासभाजन



(बबन राम)

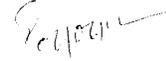
संयोजक,

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

ज्ञापांक :- 35 (3176)

दिनांक :- 06/06/12

प्रतिलिपि :- अभियंता प्रमुख के सचिव (प्रावैधिक), पथ निर्माण विभाग, बिहार, पटना/सभी मुख्य अभियंता, पथ निर्माण 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।



(बबन राम)

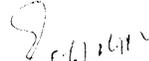
संयोजक,

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

ज्ञापांक :- 35 (3176)

दिनांक :- 06/06/12

प्रतिलिपि :- सरकार के अवर सचिव, श्रम संसाधन विभाग, बिहार, पटना को उनके अधिसूचना सं0-562 दिनांक 21.03.2012 के आलोक में अनुलग्नक की प्रति के साथ सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित। उक्त अधिसूचना के आलोक में संलग्न अनुसूची-1 एवं 2 के स्तंभ 8 के अनुसार अद्यतन न्यूनतम मजदूरी की गणना की गई है। उनसे अनुरोध है कि किसी प्रकार की विसंगति या त्रुटि दृष्टिगोचर होने पर अधोहस्ताक्षरी को सूचित करने कष्ट किया जाय।



(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।

क्र. - मु0 नि0 (पथ) 23/07 - 36 (3470)

पटना/दिनांक - 06/06/12

क.

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

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।

धयः

भवन निर्माण विभाग, बिहार, पटना से प्राप्त कार्यमदों में व्यवहृत निर्माण सामग्रियों
के बेसिक दर (पत्रांक 3910 (भ) अनु0— 18.05.2012) पर राज्यस्तरीय अनुसूचित दर
निर्धारण समिति द्वारा दिनांक 28.05.2012 की बैठक में लिये गये निर्णय का प्रेषण।

P.T.O.

महाशयः

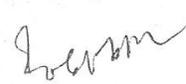
उपरोक्त विषय के संबंध में कहना है कि राज्यस्तरीय अनुसूचित दर निर्धारण समिति द्वारा भवन निर्माण विभाग, बिहार, पटना द्वारा प्रस्तावित सामग्रियों के बेसिक दर की सूची पर दिनांक- 28.05.2012 की बैठक में लिये गये निर्णय की प्रति आवश्यक कारवाई हेतु प्रेषित की जा रही है।

यदि नई स्वीकृत दरे क्षेत्रीय बाजार दर से अधिक हो या निर्माण सामग्रियों की स्वीकृत नई दरों में यदि किसी प्रकार की त्रुटि या विसंगति परिलक्षित हो तो इसकी सूचना अधोहस्ताक्षरी को अविलम्ब दी जाए।

कृपया इसकी प्राप्ति की सूचना दी जाए।

अनु० :- (1) निर्णय की प्रति (1 पृष्ठ में)
(2) सामग्रियों का बेसिक दर (43 पृष्ठों में)

विश्वासभाजन



(बबन राम)

संयोजक,

राज्य स्तरीय अनुसूचित दर निर्धारण समिति

-सह-अभियंता प्रमुख,

पथ निर्माण विभाग, बिहार, पटना

राज्यस्तरीय अनुसूचित दर निर्धारण समिति की दिनांक- 28.05.2012 की बैठक में भवन निर्माण विभाग द्वारा भवन निर्माण से संबंधित विभिन्न सामग्रियों दर पुनरीक्षण हेतु लिये गये निर्णय :-

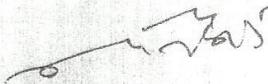
राज्यस्तरीय अनुसूचित दर निर्धारण समिति की दिनांक 28.05.2012 की बैठक में अभियंता प्रमुख, भवन निर्माण विभाग, बिहार, पटना के पत्रांक 3910 (भ), अनु० दिनांक -18.05.12 द्वारा भवन निर्माण से संबंधित विभिन्न सामग्रियों के दर पुनरीक्षण हेतु प्रस्ताव प्राप्त हुआ है। प्रस्तावित दर में थोक मूल्य सूचकांक WSPI, Feb. 2011 से WSPI, Apl. 2012 तक की वृद्धि के आधार पर 10.128% की दर वृद्धि का समावेश किया गया है।

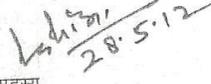
WSPI of February 2011 = 148.1

WSPI of April 2012 = 163.1

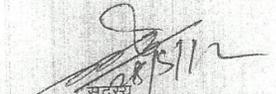
प्रतिशत वृद्धि = $(163.1 - 148.1) / 148.1 \times 100 = 10.128\%$

तदनुसार भवन निर्माण विभाग द्वारा प्रस्तावित दर पर समिति के सदस्यों द्वारा विस्तार से विचार-विमर्श किया गया तथा विमर्शोपरान्त भवन निर्माण सामग्रियों की सूची में जो अधिकांश तह C.P.W.D 2012 के दर को यथावत रखा गया है। एवं कुछ सामग्रियों के दर को 10.128% के आधार पर संशोधित कर उपर्युक्त अनुमोदित दर में overhead charges (OH) एवं संवेदक लाभांश (CP) को छोड़कर सभी कर सन्निहित उल्लेखित दर को अनुमोदित करने का निर्णय लिया गया है।

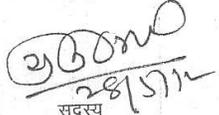

सदस्य
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह- अभियंता प्रमुख,
भवन निर्माण विभाग, बिहार, पटना


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

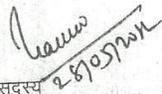
सदस्य
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह-परियोजना संयोजक,
नल कूप प्रभाग, लघु जल संसाधन,
बिहार, पटना

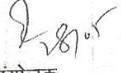

सदस्य
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह-मुख्य अभियंता (असै०)
बिहार राज्य बिजली बोर्ड, बिहार, पटना

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
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह-मुख्य अभियंता,
जल संसाधन 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
पथ निर्माण विभाग, बिहार, पटना।

पत्रांक - मु0 नि0 (पथ) 31 / 2011 - 37 (31-60) पटना / दिनांक-06/06/12

प्रेषक,

बबन राम,
संयोजक,
राज्यस्तरीय 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:- राज्यस्तरीय अनुसूचित दर निर्धारण समिति द्वारा दिनांक 28.05.2012 की बैठक में लिये गये
निर्णयानुसार सिमेंट, बिटुमेन, स्टील, एंव, स्टोन चिप्स एवं इससे संबंधित अन्य निर्माण सामग्री
के पुनरीक्षित दर की सूची "M1", "M2", "M3A", "M3B", "M4", "M5", "M6", "M7",
"M8", "M9", "M10A", "M11", "P&M/MORTH-1A", "P&M/MORTH-1B",
"HMPI", "WMP1", Carriage of materials". (by Tipper & by Tractor) "M/MORTH-
1" एवं "M/MORTH-1A" का प्रेषण।

o/c

P.T.O.

महाशय,

उपरोक्त विषय के संबंध में कहना है कि दिनांक 28.05.2012 की बैठक में लिये गये निर्णयानुसार सिमेंट, बिटुमेन, स्टील, से संबंधित निर्माण सामग्रियों, Carriage of materials (by Tipper & by Tractor), स्टोन चिप्स एवं इससे संबंधित अन्य निर्माण सामग्री के पुनरीक्षित दर की सूची "M1", "M2", "M3A", "M3B", "M4", "M5", "M6", "M7", "M8", "M9", "M10A", "M11", "P&M/MORTH-1A", "P&M/MORTH-1B", "HMPI", "WMP1", "Carriage of materials", "M/MORTH-1" एवं "M/MORTH-1A" आवश्यक कार्रवाई हेतु संलग्न की जा रही है।

MORT&H data book में दिये गये "Carriage of Materials" के calculation के अलावे रेलवे के द्वारा निर्माण सामग्री की ढुलाई पर समिति के सदस्यों द्वारा विचार विमर्श किया गया। सर्वसम्मति से पूर्णविचारोपरान्त, सदस्यों द्वारा यह निर्णय लिया गया कि जैसे स्थल जहाँ पर Railway के द्वारा निर्माण सामग्रियों की ढुलाई संभव हो वहाँ पर Road एवं Railway दोनों के द्वारा Carriage of Materials का दर प्राप्त किया जाय तथा दोनों में से न्यूनतम दर को ही प्रयोग में लाया जाय।

1. स्वीकृत नई दरें पत्र निर्गत की तिथि से प्रभावी मानी जाएगी।
2. यदि नई स्वीकृत दरें क्षेत्रीय बाजार दर से अधिक हो या निर्माण सामग्रियों की स्वीकृत नई दरों में यदि किसी प्रकार की त्रुटि या विसंगति परिलक्षित हो तो इसकी सूचना अधोहस्ताक्षरी को अविलम्ब दी जाए। कृपया इसकी प्राप्ति की सूचना दी जाए।

अनु० :- यथोक्त।

विश्वासभाजन



(बबन राम)

संयोजक,

राज्य स्तरीय अनुसूचित दर निर्धारण समिति

-सह-अभियंता प्रमुख,

पथ निर्माण विभाग, बिहार, पटना

ज्ञापांक :- 37 (476)

दिनांक :- 06/06/12

प्रतिलिपि :- अभियंता प्रमुख के सचिव (प्रावैधिक), पथ निर्माण विभाग, बिहार, पटना/सभी मुख्य अभियंता, पथ निर्माण 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।



(बबन राम)

संयोजक,

राज्य स्तरीय अनुसूचित दर निर्धारण समिति

-सह-अभियंता प्रमुख,

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 31/03/11

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,

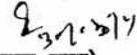
उपर्युक्त विषयांकित प्रासंगिक पत्र की प्रति सुलभ अवलोकन एवं अग्रतर कार्रवाई हेतु भेजी जा रही है। ज्ञातव्य हो कि पूर्व में भी इसकी छायाप्रति विभाग के सभी मुख्य अभियंताओं को भेजी जा चुकी है।

P.T.O

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

अनु०:- यथोक्त।

विश्वासभाजन



(बबन राम)

संयोजक,

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

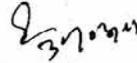
पत्रांक :-

25 (अनु०)

पटना, दिनांक 31/03/11

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।



(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 - 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,

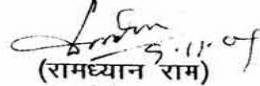
उपर्युक्त विषयांकित एवं प्रासंगिक पत्र की प्रति जो रेलवे द्वारा माल ढुलाई से संबंधित Route Chart है, सुलभ अवलोकन हेतु भेजी जाती है।

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 23rd 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
यन सं 0
13.10.09
14110
13/10/09

S.O. 12
14/10
136
10-09

Sanction
24/09

2/-

S.No.	From	To	Via
1	Eastern Railway		
1.1	Coal Traffic from PANEM served by Pakur	Destinations on N.R. and N.C.R.	via Pakur-Sainthia-Andal-Pradhankhunta-Mughalsarai
2	East Coast Railway		
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
3	Northern Railway		
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-Jakhapura 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-Jakhapura 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)

Amrit Kumar
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

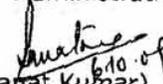

(Sarfat Kumar)
6.10.09
Joint Director Traffic Transp.
Railway Board

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, 2nd 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, Chanakypuri, 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, 30th 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 Traffic 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, DDTTC(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 - LR₄ से वर्ग - 100

की

माल भाड़ा दरें

FREIGHT RATES

FOR

CLASS - LR₄ TO CLASS - 100

CONTENTS

पृष्ठ / Page

1. वर्ग - LR₄ से वर्ग - 100 की माल भाड़ा दरें 1-8

Freight rates for Class - LR₄ to Class - 100

2. वर्ग - 110 से वर्ग - 150 की माल भाड़ा दरें 9-16

Freight rates for Class - 110 to Class - 150

3. वर्ग - 160 से वर्ग - 200 की माल भाड़ा दरें 17-24

Freight rates for Class - 160 to Class - 200

ANNEXURE
RC No. 07 of 2012

Distance Kilometres	FREIGHT RATE PER TONNE				
	Class LR4 (Rs)	Class LR3 (Rs)	Class LR2 (Rs)	Class LR1 (Rs)	Class 100 (Rs)
	(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

Hemad

K. K. K.

- 1 -

		FREIGHT RATE PER TONNE				
Distance Kilometres		Class 110 (Rs)	Class 120 (Rs)	Class 130 (Rs)	Class 140 (Rs)	Class 150 (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

Handwritten signature

Handwritten signature

- 2 -

Distance Kilometres	FREIGHT RATE PER TONNE				
	Class 160 (Rs)	Class 170 (Rs)	Class 180 (Rs)	Class 190 (Rs)	Class 200 (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 signature

Handwritten signature

- 13 -

बिहार सरकार

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

पत्रांक - मु0 नि0 (पथ) - 38(अ४८) 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 सन्निमार्ण 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 ।

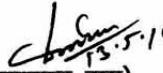
महाशय,

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

21321
09.02.12

जिला खनन कार्यालय, पटना

110

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

प्रेषक,

सहायक निदेशक
जिला खनन कार्यालय,
पटना।

156
59-02-12

संघ में,

पटना जिला स्थित सभी कार्य विभाग एवं
कार्यकारी एजेंसियाँ

जरीय परिशोधना प्रामिभन्दा का कार्यालय
पत्र प्रमंडल जिला खनन पुल निर्माणा
विभाग लि. देरौजा राय पत्र, पटना

विषय: निर्माण कार्य में संवेदकों 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 उम पत्र के साथ संलग्न कर सूचनार्थ एवं आवश्यक कार्यों 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 संवेदकों के द्वारा व्यवहृत विभिन्न विस्थापित लघु खनिजों की खरीदगी बिहार लघु खनिज समनुदान नियमवली, 1972 के नियम-40(8) में उल्लेखित अधिकतम प्रबंधक/संवेदक या उप पट्टाधारि से की जाती है, तो इस नियमवली के नियम-49(10) के अनुपालन में संवेदक प्रपत्र एम० तथा एन० में अपना प्राथम 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 करावेगे। यदि एम० तथा एन० का शपथ पत्र असत्य पाया जाता है या संवेदक एम० तथा एन० में शपथ पत्र विपत्र के साथ दाखिल नहीं करते हैं, तो बिहार लघु खनिज समनुदान नियमवली, 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 शीर्ष में संबंधित कार्य विभाग जमा कर देंगे।"

विभागीय स्तर से निर्गत संगत निगमवली 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 घण्टा है। यहाँ यह भी उल्लेखनीय है कि महालेखाकार अंकेक्षण ने भी वित्तीय वर्ष-2009.10 के अंकेक्षण के दौरान उपर्युक्त अंशय का आपत्ति दर्ज की है।

अतएव उपर्युक्त वर्णित परिपेक्ष्य में पुनः अनुवेद है कि संलग्न प्रसंगिक अधिसूचनाओं/पत्रों में निहित निर्देशों का राजस्व हित में दृढ़ता से अनुपालन सुनिश्चित करने की कृपा करें। यहाँ यह भी उल्लेखनीय है कि आपके स्तर से संवेदकों के विपत्र से कटौतीकृत एवं संशोधित स्वामित्व की राशि के साथ खनिजवा राश्या एवं कटौतीकृत राशि का संवेदकवार विवरणी भी उपलब्ध करने की कृपा की जाय, ताकि व्यवहृत मामला के विरुद्ध कटौतीकृत स्वामित्व की राशि की अनुमान्यता की समीक्षा अधोहस्ताक्षरी के स्तर से सुनिश्चित किया जा सके। साथ ही अंकेक्षण आपत्ति के अनुपालन में वित्तीय वर्ष-2009.10 से वर्तमान तक संवेदकों के विपत्र से कटौतीकृत एवं संशोधित खनन स्वामित्व की राशि जिसके विरुद्ध संवेदक ने 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 संवेदकों के विपत्रों सुनिश्चित कर विभागीय संगत शीर्ष में अति शीघ्र जमा कराने की कृपा किया जाय। राज्य के खनन राजस्व एवं कार्यहित में कृपया

आपका सर्वोच्च प्राथमिकता के आधार पर अनूक्त अनुपालन सुनिश्चित करने की कृपा की जाय।

आपका
अनु०-सुशोभित।

रजिस्ट्रार
विभागाध्यक्ष
मो निपट कार्यालय

अनुपालन सुनिश्चित
की जाय

विश्वासपात्र,
huv
सहायक निदेशक,
जिला खनन कार्यालय,
पटना।

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 असेनिक 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 ईटों 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 चिमनी अथवा बंगला ईट भट्टा के 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 भुगतये 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 भुगतये 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:-

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]

स्वामिसव (सॉयल्टी)

क्रम संख्या	खनिज का नाम	प्रति घन मीटर दर (रूपये में)
1	2	3
1	(क) किसी भी नाम से यथा परिभाषित बोल्टडर, ग्रेवेल शिगिल अथवा पत्थर (ख) नीलामी द्वारा बंदोबस्त पत्थर	100=00 नीलामी की दशा में नीलामी की राशि
2	(क) निर्माण प्रयोजनों में व्यवहृत साधारण बालू (ख) नीलाम घाटों का साधारण बालू	50=00 नीलामी की दशा में 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 रानीगंज खपड़ा, वाणिज्यिक जगहों, पानी बांध, सड़क, भवन आदि के निर्माण या उसे समतल करने अथवा अन्य वाणिज्यिक कार्यों के लिए किया जाता हो।	22=00

5	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	मुल्तानी मिट्टी (फुलर्स अर्थ)	95=00
14	चक्की (ग्राइन्डिंग) 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 (i) 60 से 0 मी० से अधिक के ब्लॉक के लिये । (ii) 60 से 0 मी० से कम के ब्लॉक के लिये ।	545=00 273=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 स्वामित्व (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 स्वामित्व (सॉयलटी) का भुगतान करेगा।

12/वी०/मु० 70-2/03

बिहार राज्यपाल के आदेश से

सरकार के तत्त्व में

SOR - 5th Edition VOL-1**RATE OF ITEMS VOLUME-1**

Volume NO	Sub-head No.	Contents/Chapter	PAGE NO
		<u>Preface</u>	ii-vi
One	0.1	<u>Basic Rates of Hire Charge of plant (i)</u>	1 - 2
	0.2	<u>Basic Rates of Labour</u>	3 - 4
	0.3	<u>Basic Rates of Building & Road work</u>	5 - 50
	0.4	<u>Capacity of truck</u>	51-52
	01	<u>Carriage of Material</u>	53-57
	02	<u>Earth Work</u>	58-63
	03	<u>Mortars</u>	64 -64
	04	<u>Concrete work</u>	65-66
	05	<u>Reinforced cement concrete</u>	67 -72
	06	<u>Brick work (A)</u>	73 - 74
		<u>Brick work (B)</u>	75 - 76
		<u>Brick work (C)</u>	76 - 76
		<u>Brick work (D)</u>	76 - 76
	07	<u>Stone work</u>	77 -81
	08	<u>Marble work</u>	82 - 83
	09	<u>Wood work</u>	84 - 96
	10	<u>Steel work</u>	97 -100
	1 1	<u>Flooring</u>	101-108
	12	<u>Roofing</u>	109 - 116
	13	<u>Finishing</u>	117-125
	14	<u>Repairs to Buildings</u>	126 -128
	15	<u>Dismantling and Demolishing</u>	129-134

	18	<u>Horticulture & Landscaping</u>	135 -137
	23	<u>Pile work</u>	138-139
	24	<u>Aluminium work</u>	140 -141
	25	<u>Water Proofing</u>	142 -144

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

Code No	Description	Unit	Rate Rs.
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 Roilei - 8 to 10 tonne	Per day	1500.00
004	Production cosr 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 Coltar 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 concreteincluding 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	Hue and running charges ol 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 «viih power unit etc. including complete accessories and shifting at site.	Per day	34000.00
025	Hire and running ctarges 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 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

BASIC 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			
Code No	Description	Unit	Rate Rs.
0100	Bandhani	per day	163.00
0101	Bhishti	per day	157.00
0102	Blacksmith 1st class	per day	206.00
0103	Blacksmith 2nd class	per day	184.00
0107	Bullockman with single bullock	per day	209.00
0111	Carpenter 1st class	per day	206.00
0112	Carpenter 2nd class	per day	184.00
0113	Chowkidar	per day	161.00
0114	Beldar	per day	151.00
0115	Coolie	per day	151.00
0116	Fitter (Grade 1)	per day	209.00
0117	Assistant Fitter or 2nd class Fitter	per day	184.00
0119	Glazier	per day	173.00
0122	Mason {For plaster of paris work} 1st class	per day	206.00
0123	Mason (for orick work) 1st class	per day	206.00
0124	Mason (for brick work) 2nd class	per day	184.00
0125	Mason (for plain stone work) 2nd class	per day	184.00
0126	Mason (for ornamental stone work) 1st class	per day	206.00
0127	Concrete mixer operator Gr 1	per day	195.00
0128	Mate	per day	163.00
0129	Mali	per day	192.00
0130	Mistry	per day	151.00
0131	Painter	per day	195.00
0132	Rock Excavator	per day	161.00
0133	Rock Breaker	per day	161.00
0134	Rock Hole Driller	per day	161.00
0135	Stone Chiseller	per day	163.00
0136	Sewerman	per day	163.00
0138	Sprayman (for bitumen, tar etc.)	per day	161.00
0139	Skilled Beldar (for floor rubbing etc.) / Grinder	per day	184.00
0141	White Washer	per day	192.00
0155	Mason (average)	per day	184.00
0156	Carpenter (average)	per day	184.00
0157	Operator (Pile/Special machines)	per day	260.00
0158	Mechanic (Pile/ Assistant operator)	per day	237.00
0159	Skilled Torch Operator	per day	192.00
0L01	Un Skilled labour	per day	151.00
0L02	Un Skilled labour	per day	151.00

0L03	Mistri	per day	151.00
0L04	Cleaner	per day	151.00
0L05	Helper	per day	151.00
0L06	Khalasi	per day	151.00
0L11	Electrician Gr-I	per day	195.00
0L11A	Electrician Gr-II	per day	184.00
0L12	Lineman/wireman	per day	178.00
0L13	Chargeman	per day	220.00
0L14	Fore man	per day	260.00
0L15	Welder Gr I	per day	231.00
0L19	Cheker	per day	186.00
0L20	Hammerman	per day	161.00
0L21	Tin smith	per day	209.00
0L22	Tin plate maker	per day	220.00
0L25	Tile layer	per day	163.00
0L26	Thatcher	per day	163.00
0L27	Plumber	per day	195.00
0L28	Grader	per day	186.00
0L29	Road binder	per day	173.00
0L32	Stone layer	per day	184.00
0L34	Fire man	per day	163.00
0L36	Gas cutter	per day	194.00
0L37	Rigger	per day	186.00
0L38	Sarang	per day	220.00
0L39	Chipper cum riveitew	per day	194.00
0L40	Traclor operator	per day	220.00
0L43	Vibrator operator	per day	172.00
0L44	Pump driver Gr I	per day	195.00
0L46	Concrete mixture operator Gr I	per day	195.00
0L49	Truck Driver	per day	220.00
0L50	Car/Jeep Driver	per day	194.00
0L51	Crane Operator Gr 1	per day	260.00
0L52	Winch Operator	per day	195.00
0L53	Road Roller Driver	per day	265.00
0L56	Polisher	per day	163.00
0L70	Any Other category of semi skilled worker not mentioned above	per day	157.00
0L71	Any other category of skilled worker not mentioned above	per day	192.00
0L72	Highly skilled workers	per day	235.00

SUB HEAD: 0.3

Basic Rates of Building & Road work

BASIC RATES - Contd.			
<u>0.3 MATERIALS FOR BUILDING WORK AND ROAD WORK</u>			
Note.- These rates are exclusive of contractor's profit, over heads and carriage but include octroi (vat and other taxes)			
Code No	Description	Unit	Rate Rs.
0200	Plain ended valley gutters Sheets 6 mm thick (corrugated)	sqm	189.29
0204	Curved barge board	each	138.93
0205	Barge Board 2.44 metre long	each	324.75
0206	Barge Board 1.83 metre long	each	243.13
0207	Drop end for plain ended valley gutter One piece plain angular ridge 1.22 metres long	each	140.67
0208	Plain ended valley gutters Serrated or plain wing Adjustable Ridge 1.22 m long	pair	192.77
0209	Close fittings adjustable ridge 1.10 m long	pair	218.81
0210	Drop end for plain ended valley gutter North light adjustable ridge 1.22 mm long	pair	192.77
0211	Plain ended valley gutters Ridge finials	pair	98.98
0212	Plain ended valley gutters Unserrated adjustable ridge for hips	pair	192.77
0213	Plain ended valley gutters Roof light (1.82 metre long)	each	1041.97
0214	Apron flashing pieces	each	135.46
0215	Drop end for plain ended valley gutter Eaves filler pieces	each	98.98
0216	Drop end for plain ended valley gutter North light ventilator curves	each	237.92
0219	Drop end for plain ended valley gutter Expansion joint for North light curves	each	145.88
0220	Drop end for plain ended valley gutter Expansion joint for ridges	pair	272.64
0221	Drop end for plain ended valley gutter Louvers 'S' type (1.75 m)	each	114.62
0222	Seam bolts nuts 6mm dia and 25mm long	ten	35.00
0223	Non-Asbestos fibre (high impact poly propylene reinforced) cement corrugated sheet 6 mm thick	sqm	250.00
0224	Non-Asbestos fibre (high impact poly propylene reinforced) cement close fitting adjustable ridge	metre	200.00
0225	Non-Asbestos fibre (high impact poly propylene reinforced) cement corrugate serrated adjustable ridge	metre	200.00
0226	Non-Asbestos fibre (high impact poly propylene reinforced) cement plain wing adjustable ridge	metre	200.00
0227	Non-Asbestos fibre (high impact poly propylene reinforced) cement unserrated adjustable ridge for hips	metre	280.00
0228	Non-Asbestos fibre (high impact poly propylene reinforced) cement corrugated apron piece	metre	200.00
0229	Non-Asbestos fibre (high impact poly propylene reinforced) cement eaves filler piece	each	150.00

0230	Non-Asbestos fibre (high impact poly propelene reinforced) cement north light curves	metre	310.00
0231	Non-Asbestos fibre (high impact poly propelene reinforced) cement ventilator curves	each	390.00
0232	Non-Asbestos fibre (high impact poly propelene reinforced) cement barge boards 6mm thick	metre	395.00
0233	Non-Asbestos fibre (high impact poly propelene reinforced) cement ridge finial	pair	140.00
0234	Non-Asbestos fibre (high impact poly propelene reinforced) cement special north light curves	each	514.00
0235	Non-Asbestos fibre (high impact poly propelene reinforced) cement S type louvers	each	250.00
0236	Non-Asbestos fibre (high impact poly propelene reinforced) cement cement boards 6mm thick	sqm	182.00
0237	Non-Asbestos fibre (high impact poly propelene reinforced) cement cement boards 6mm thick	sqm	206.00
0285	Brick Aggregate (Single size) 63 mm nominal size	cum	901.95
A	For Uraban Patna	cum	961.80
B	For Purnea,Saharsa,Bhagalpur,Munger & Darabhaga	cum	920.85
C	For other places	cum	901.95
D	For Patna Rural	cum	939.75
0286	Brick Aggregate (Single size) 50 mm nominal size	cum	901.95
A	For Uraban Patna	cum	961.80
B	For Purnea,Saharsa,Bhagalpur,Munger & Darabhaga	cum	920.85
C	For other places	cum	901.95
D	For Patna Rural	cum	939.75
0287	Brick Aggregate (Single size) 40 mm nominal size	cum	901.95
A	For Uraban Patna	cum	961.80
B	For Purnea,Saharsa,Bhagalpur,Munger & Darabhaga	cum	920.85
C	For other places	cum	859.00
D	For Patna Rural	cum	939.75
0291	Stone Aggregate (Single size) 63 rum nominal size	cum	428.47
0292	Stone Aggregate (Single size) 50 mm nominal size.	cum	428.47
0293	Stone Aggregate (Single size) 40 turn nominal size	cum	441.69
0294	Stone Aggregate (Single size) 25 mm nominal size	cum	524.83
0295	Stone Aggregate (Single size) 20 mm nominal size	cum	550.04
0296	Stone Aggregate (Single size) 12.5 mm nominal size	cum	640.69
0297	Stone Aggregate (Single size) 10 mm nominal size	cum	612.57
0298	Stone Aggregate (Single size) 6 mm nominal size	cum	409.76
0302	Safeda bailies 125 mm diameter	metre	37.00
0304	Bajri	cum	900.00
0305	Bamboo 2.5mm dia 2.5 meter long	score	300.00
0308	Bhusa	quintal	375.00
0309	Paving bitumen S-90 of approved quality	tonn	37,000.00
0310	Bitumen emulsion	tonn	28,500.00
0312	Bitumen grade PMB- 40	tonn	41,400.00
0313	Blown type petrolium bitumin of Plnitrah on 85/25 of oproved	ton	37,000.00

	quality		
0314	Bitumen hot sealing compound Grade A	kilogram	26.00
0316	Bitumen hot sealing compound Bitumen solution primer of approved quality	litre	40.00
0317	Premoulded joint filler 12 mm thick	sqm	350.00
0318	Bitumen felt fibre base (vegetable or animal) Type 2 grade I	sqm	55.00
0322	Bitumen felt Type 3 grade I confirming to IS : 1322	sqm	50.00
0324	Coal tar	litre	25.00
0325	Blasting Material Blasting powder	kilogram	35.00
0326	Blasting Material Blasting fuse (fuse wire)	each	15.00
0328	White face insulating board: 12 mm thick	sqm	360.00
0332	Natural colour insulating board: 12 mm thick	sqm	270.00
0336	Flame retardant face insulating board: 12 mm thick	sqm	315.00
0339	Flame retardant face insulating board: Impregnated fibre board 12 mm thick	sqm	350.00
0341	Flat pressed 3 layer particle board (medium density) Grade I 12 mm thick	sqm	325.00
0346	Extra for veneered particle board with Teak veneering on one side and commercial veneering on other side	sqm	235.00
0347	Extra for veneered particle board with Commercial veneering on both sides	sqm	155.00
0348	Extra for veneered particle board with Teak veneering on both sides	sqm	455.00
0362	Brick bats	cum	742.35
A	For Urban Patna	cum	808.50
B	For Purnea, Saharsa, Bhagalpur, Munger & Darabhaga	cum	775.95
C	For other places	cum	742.35
D	For Patna Rural	cum	774.90
0364	Wire brush	each	20.00
0365	Soft brush	each	18.00
0367	Portland pozaiona cement (P.P.C.)	tonne	5102.28
0367	Patna	tonne	5799.85
A	Muzaffarpur	tonne	5981.45
B	Darbhanga	tonne	6042.06
C	Bhagalpur	tonne	5902.45
D	Munger	tonne	5744.46
E	Saharsa	tonne	6092.00
F	Purnea	tonne	6042.06
G	Gaya	tonne	5102.28

H			
367 I	Saran	tonne	5799.85
0368	White cement	tonne	12000.00
0370	Coal (Steam)	quintal	400.00
0373	Cramp Gun metal 25x6x300 mm	each	70.00
0378	Brass butt hinges (Light/Ordinary type) 125x70x4 mm	ten	800.00
0379	Brass butt hinges (Light/Ordinary type) 100x70x4 mm	ten	650.00
0380	Brass butt hinges (Light/Ordinary type) 75x40x2.5 mm	ten	400.00
0381	Brass butt hinges (Light/Ordinary type) 50x40x2.5 mm	ten	175.00
0382	Brass butt hinges (heavy type) 125x85x5.5 mm(0.70kg)	ten	2900.00
0383	Brass butt hinges (heavy type; 100x85x5.5 mm(0.56kg)	ten	2600.00
0384	Brass butt hinges (heavy type) 75x65x4.0 mm(0.20kg)	ten	900.00
0385	Brass parliamentary hinges 150x125x27x5 mm	ten	2600.00
0386	Brass parliamentary hinges 125x125x27x5 mm	ten	2300.00
0387	Brass parliamentary hinges 100x125x27x5 mm	ten	2000.00
0388	Brass parliamentary hinges 75x100x20x3.2 mm	ten	1600.00
0389	Brass single acting spring hinges 150 mm	each	300.00
0390	Brass single acting spring hinges 125 mm	each	250.00
0391	Brass single acting spring hinges 100 mm	each	150.00
0392	Brass double acting Spring Hinges 150mm	each	500.00
0393	Brass double acting Spring Hinges 125mm	each	350.00
0394	Brass double acting Spring Hinges 100mm	each	300.00
0400	Brass tower bolts (barrel type) 250x10 mm	each	225.00
0401	Brass tower bolts (barrel type) 200x10 mm	each	175.00
0402	Brass tower bolts (barrel type) 150x10 mm	each	140.00
0403	Brass tower bolts (barrel type) 100x10 mm	each	90.00
0404	Brass flush bolts 250 mm	each	140.00
0405	Brass flush bolts 150 mm	each	120.00
0406	Brass flush bolts 100 mm	each	85.00
0408	Brass handles 125mm with plate 175x32 mm	each	140.00
0409	Brass handles 100mm with plate 150x32 mm	each	125.00
0410	Brass handles 75mm with plate 125x32 mm	each	95.00
0411	Brass door latch 300x16x5 mm (0.380 Kg)	each	160.00
0412	Brass door latch 250x16x5 mm (0.350 Kg)	each	150.00
0413	Brass mortice latch and lock 100x65 mm with 6 levers and a pair of brass lever handles	each	350.00
0414	Brass mortice latch 100x65 mm with a pair of brass level handles	each	300.00
0417	Brass 150mm floor door stopper (0.357 Kg)	each	160.00
0418	Brass hard drawn hooks and eyes 300mm	10 nos	700.00
0419	Brass hard drawn hooks and eyes 250 mm	ten	675.00
0420	Brass hard drawn hooks and eyes 200 mm	ten	675.00
0421	Brass hard drawn hooks and eyes 150 mm	ten	600.00
0422	Brass hard drawn hooks and eyes 100 mm	ten	500.00
0423	Brass casement window fastener	each	45.00
0424	Brass casement stays (straight peg type) 300 mm weighing not less than 0.33 kg	each	120.00
0425	Brass casement stays (straight peg type) 250 mm weighing not less than 0.28 kg	each	100.00

0426	Brass casement stays (straight peg type) 200 mm weighing not less than 0.24 kg	each	90.00
0427	Brass quadrant stays 300 mm	each	120.00
0428	Brass fanlight catch	each	170.00
0429	Brass fanlight pivot	ten	190.00
0430	Brass chain with hook for fan light catch	each	30.00
0431	Brass hasps and Staples (Safety type) 300 mm	ten	700.00
0432	Brass hasps and Staples (Safety type) 115 mm	ten	600.00
0433	Brass hasps and Staples (Safety type) 90 mm	ten	500.00
0438	Brass Night latch	each	450.00
0442	Brass helical Spring 150 mm	each	300.00
0443	Brass curtain rod 12 mm dia 1.25 mm thick	metre	78.85
0444	Brass curtain rod 20 mm dia 1.25 mm thick	metre	100.00
0445	Brass curtain rod 25 mm dia 1.25 mm thick	metre	120.00
0446	Brass brackets (curtain rods) 20 mm	each	40.00
0447	Brass cupboard knob or ward robe knob 50 mm	each	30.00
0449	Brass screws 50 mm	cent	200.00
0450	Brass screws 40 mm	cent	160.00
0451	Brass screws 30 mm	cent	130.00
0452	Bras screws 25 mm	cent	95.00
0453	Brass screws 20 mm	cent	80.00
0524	Chromium plated Brass butt hinges (heavy) type 75x65x4.0 mm (200gms)	10Nos.	950.00
0525	Chromium plated Brass butt hinges (light / ordinary) type 125x70x4.0 mm	10 Nos.	810.00
0526	Chromium plated Brass butt hinges (light / ordinary) type 100x70x4.0 mm	10Nos.	675.00
0527	Chromium plated Brass butt hinges (light / ordinary) type 75x40x2.5 mm	10 Nos.	425.00
0528	Chromium plated Brass butt hinges (light / ordinary) type 50x40x2.5 mm	10 Nos.	185.00
0555	Chromium plated Brass handles 125mm with plate 175x32mm	each	160.00
0556	Chromium plated Brass handles 100mm with plate 150x32mm	each	140.00
0557	Chromium plated Brass handles 75mm with plate 125x32mm	each	120.00
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	500.00
0568	Chromium plated Brass casement window fastner	each	90.00

0569	Chromium plated Brass casement stays (straight peg type) 300mm weighing not less than 0.33 Kg.	each	140.00
0570	Chromium plated Brass casement stays (straight peg type) 250mm weighing not less than 0.28 Kg.	each	120.00
0571	Chromium plated Brass casement stays (straight peg type) 200mm weighing not less than 0.24 Kg	each	100.00
0583	Chromium plated Brass single acting spring hinges Night latch	each	500.00
0584	Chromium plated Brass .Wardrobe Knob 50 mm	each	45.00
0585	Chromium plated Brass screws 50mm	100 Nos	230.00
0586	Chromuim plated Brass screws 40mm	100 Nos	190.00
0587	Chromium plated Brass screws 30mm	100 Nos	150.00
0588	Chromium plated Brass screws 25mm	100 Nos	115.00
0589	Chromium plated Brass screws 20mm	100 Nos	100.00
0590	Chromium plated <i>brt</i> lr. curtain rod 12 mm dia 1.25 mm thick	meter	180.00
0591	Chromium plated brass curtain rod 20 nm dia 1.25 mm thick	meter	250.00
0592	Chromiurr: plated brass curtain rod 25 mm dia 1.25 mm thick	meter	330.00
0594	Brigh finish or black enameted mild steel butt hinges 125x65x2.12mm	10 Nos	130.00
0595	Brigh finish or black enameted mild steel butt hinges 100x58x1.90mm	10 Nos	80.00
0596	Brigh finish or black enameted mild steel butt hinges 75x47x1.70 mm	10 Nos	60.00
0597	Brigh finish or black enameted mild steel butt hinges 50x37x1.50 mm	10 Nos	45.00
0598	150x125x27x2.80 mm porliamentary hinges	10 Nos	347.32
0599	125x125x27x2.80 mm porliamentary hinges	10 Nos	312.59
0600	100x125x27x2.80 mm popliamentary hinges	10 Nos	208.4
601	75x100x20x2.24 mm parliomentory hinges	10 Nos	165.64
0602	150 mm single acting spring hinges	each	100.19
0603	125 mm single acting spring hinges	each	86.84
0604	100 mm single acting spring hinges	each	69.47
0605	150 mm double acting spring hinges	each	121.56
0606	125 mm double acting spring hinges	each	98.85
0607	100 mm double acting spring hinges	each	62.78
0608	Nicke! plated miid steel piano hinges 1 mm thick 35 mm wide	metre	35.00
0614	300x20x6 mm door latch	each	34.73
0615	250x20x6 mm door latch	each	28.05

0620	125 mm handles	each	6.68
0621	100 mm handles	each	5.34
0622	75 mm handles	each	4.01
0632	115 mm hasper & stopler (safety type)	10 Nos	78.82
0633	90 mm hasper & stopler (safety type)	10 Nos	61.45
0635	Brigh finish or black enameled mild steel screws 50 mm	100 Nos	60.00
0636	Oxidiged mild steel 45 mm screw	100 Nos	44.08
0637	Brigh finish or black enameled mild steel screws 40 mm	100 Nos	50.00
0638	Brigh finish or black enameled mild steel screws 30 mm	100 Nos	40.00
0639	Brigh finish or black enameled mild steel screws 25 mm	100 Nos	30.00
0640	Brigh finish or black enameled mild steel screws 20 mm	100 Nos	25.00
0641	Mild steel fittings bright finished or black enameled bolts and nuts 50 X 6mm	each	5.00
0642	Oxidised mild steel butt hinges 125x65x2.12mm	10 Nos	130.00
0643	Oxidised mild steel butt hinges 100x58x1.90mm	10 Nos	80.00
0644	Oxidised mild steel butt hinges 75x47x1.70mm	10 Nos	55.00
0645	Oxidised steel mild butt hinges 50x37x1.50mm	10 Nos	45.00
0646	Oxidised steel mild parliamentary hinges 150x125x27x2.80 mm	10 Nos	320.00
0647	Oxidised steel mild parliamentary hinges 125x125x27x2.80 mm	10 Nos	300.00
0648	Oxidised steel mild parliamentary hinges 100x125x27x2.80 mm	10 Nos	225.00
0649	Oxidised steel mild parliamentary hinges 75x100x20x2.24 mm	10 Nos	190.00
0650	Oxidised mild steel Single acting spring hinges 150mm	each	105.00
0651	Oxidised mild steel Single acting spring hinges 125 mm	each	100.00
0652	Oxidised mild steel Single acting spring hinges 100 mm	each	80.00
0653	Oxidised mild steel double acting spring hinges 150 mm	each	110.00
0654	Oxidised mild steel double acting spring hinges 125 mm	each	105.00
0655	Oxidised mild steel double acting spring hinges 100 mm	each	85.00
0656	Nickel plated mild steel piano, hinges 1 mm thick 35mm wide	metre	40.00
0660	Oxidised mild steel sliding door bolts 300x16mm	each	90.00
0661	Oxidised mild steel sliding door bolts 250x16mm	each	80.00
0662	Oxidised mild steel door latch 300x20x6 mm	each	45.00
0663	Oxidised mild steel door latch 250x20x6 mm	each	40.00
0664	Oxidised mild steel tower bolts (barrel type) 250x10 mm	each	40.00
0665	Oxidised mild steel lower bolts (barrel type) 200x10 mm	each	35.00
0666	Oxidised mild steel tower bolts (barrel type) 150x10 mm	each	25.00

0667	Oxidised mild steel tower bolts (barrel type) 100x10 mm	each	20.00
0668	Oxidised mild steel handles 125 mm	each	17.00
0669	Oxidised mild steel handles 100 mm	each	15.00
0670	Oxidised mild steel handles 75 mm	each	14.00
0679	Oxidised mild steel hasps and staples (safety type) 150 mm	10 Nos	120.00
0680	Oxidised mild steel hasps and staples (safety type) 115 mm	10 Nos	100.00
0681	Oxidised mild steel hasps and staples (safety type) 90 mm	10 Nos	75.00
0682	Oxidised mild steel screws 50 mm	100 Nos	70.00
0683	Oxidised mild steel screws 40 mm	100 Nos	50.00
0684	Oxidised mild steel screws 30 mm	100 Nos	45.00
0685	Oxidised mild steel screws 25 mm	100 Nos	35.00
0686	Oxidised mild steel screws 20 mm	100 Nos	30.00
0687	Anodised Aluminium butt hinges 125x75x4 mm	10 Nos	550.00
0688	Anodised Aluminium butt hinges 125x63x4 mm	10 Nos	510.00
0689	Anodised Aluminium butt hinges 100x75x4 mm	10 Nos	500.00
0690	Anodised Aluminium butt hinges 100x63x3.2 mm	10 Nos	480.00
0691	Anodised Aluminium butt hinges 100x63x4 mm	10 Nos	490.00
0692	Anodised Aluminium butt hinges 75x63x4 mm	10 Nos	475.00
0693	Anodised Aluminium butt hinges 75x63x3.2 mm	10 Nos	450.00
0694	Anodised Aluminium butt hinges 75x45x3.2 mm	10 Nos	390.00
0695	Anodised Aluminium butt hinges 50x35x3.2 mm	10 Nos	96.19
0696	Anodised Aluminium silding door bolt 300x16 mm	each	155.00
0697	Anodised Aluminium silding door bolt 250x16 mm	each	125.00
0698	Anodised Aluminium tower bolt (barrel type)300xi0 mm	10 Nos	700.00
0699	Anodised Aluminium tower bolt (barrel type)250x10 mm	10 Nos	580.00
0700	Anodised Aluminium tower bolt (barrel type)200x10 mm	10 Nos	450.00
0701	Anodised Aluminium tower bolt (barrel type) 150x10 mm	10 Nos	360.00
0702	Anodised Aluminium tower bolt (barrel type) 100x10 mm	ten	280.00
0703	Anodised Aluminium handles 125 mm with plate 175x32 mm	ten	470.00
0704	Anodised Aluminium nandies 100 mm with plate 150x32 mm	ten	360.00
0705	Anodised Aluminium handles 75 mm with plate 125x32 mm	ten	300.00
0706	Anodised Aluminium kicking plate 50cm long 100x3.15 mm	each	125.00
0713	Block Board Construction flush door with teak wood ply on both faces 35 mm thick	sqm	1600.00

0714	Block Board Construction flush door with teak wood ply on both faces 30 mm thick	sqm	1450.00
0715	Block Board Construction flush door with teak wood ply on both faces 25 mm thick	sqm	1300.00
0717	Block board construction flush door with Commercial ply on both faces 35 mm thick	sqm	1100.00
0718	Block board construction flush door with Commercial ply on both faces 30 mm thick	sqm	950.00
0719	Block board construction flush door with Commercial ply on both faces 25 mm thick	sqm	850.00
0752	Block board construction flush door lipping	sqm of door area	280.00
0753	Square vision Panel in Block board construction flush door	sqm of door area	110.00
0754	Circular Vision Panel in block board construction flush door	sqm of door area	170.00
0755	Decorative type Louvers in Block board construction flush door	sqm of door area	290.00
0757	Rebate cutting in Block board construction flush door	sqm of door area	80.00
0759	Decorative Plywood 4 mm	sqm	400.00
0761	Fuel Wood	quintal	450.00
0763	Glue	kilogram	65.00
0765	Hessian cloth	sqm	20.00
0768	Jali (cement concrete) 50mm thick	sqm	210.00
0769	Jali (cement concrete) 40mm thick	sqm	180.00
0770	Jali (cement concrete) 25mm thick	sqm	145.00
0771	Kerosene oil	litre	30.00
0773	Lime Unslaked lime	quintal	300.00
0775	Lime Dehradun white lime	quintal	410.00
0776	Lime Satna lime	quintal	230.00
0777	Lime Dry hydrated lime (factory made)	quintal	220.00
0784	Marble dust / powder	cum	1000.00
0785	Marble chips upto 4mm and down size White & black	quintal	180.00
0786	Marble chips upto 4mm and down size Chocolate, grey or yellow	quintal	153.63
0787	Marble chips upto 4mm and down size Baroda green	quintal	153.63
0788	Marble chips Large size above 4mm. white & black	quintal	180.00
0810	Moorum	cum	133.05
0811	Mud (dry)	cum	50.00
0815	Dry Distemper	kilogram	35.00
0816	Oil bound washable distemper / Acrylic distemper	kilogram	42.00

0818	Oil / Fuel Linseed oil (double boiled)	litre	100.00
0820	Primers Cement primer	litre	80.00
0821	Primers Distemper primer	litre	80.00
0823	Primers Pink primer (for wood)	litre	85.00
0826	Aluminium paint	litre	115.00
0827	Acid proof paint (chocolate cr black)	litre	105.00
0828	Anti-corrosive bituminous paint (black)	litre	85.00
0829	Black Japan	litre	90.00
0830	Enamel paint	litre	125.00
0831	Floor enamel paint in all shades except green	litre	120.00
0833	Synthetic enamel paint black or chocolate shade	litre	130.00
0834	Synthetic enamel paint in ail shades except black or chocolate	litre	135.00
0835	Plastic emulsion paint	litre	165.00
0845	Roofing paint for iron sheets in red colour	litre	110.00
0850	White lead	kilogram	80.00
0851	Water proofing cement paint Snowcem Plus	kilogram	40.00
0855	Polish Wax polish (ready made)	kilogram	175.00
0856	Varnishes Ordinary varnish	litre	65.00
0857	Varnishes Superior copal varnish	litre	125.00
0858	Varnishes Superior spar varnish	litre	125.00
0859	Oil type wood preservative	litre	70.00
0863	Polish Putty for wood work	kilogram	30.00
0865	Pigments Pig lead	kilogram	90.00
0868	Premixed super white gypsum plaster.	kg	7.00
0869	Plaster of Pans	kilogram	4.00
0870	Pigments Plug	each	8.00
0873	Pigments Pins - Copper pins 6 mm dia 7.5cm long	each	10.00
0874	Pigments black colour dark shade	kilogram	55.00
0875	Pigments Red chocolate orange buff or yellow (red oxide of iron) light shade	kilogram	70.00
0876	Pigments green or blue medium shade	kilogram	60.00
0886	standard holdar bat clamps for sand cast iron or cast iron pipes 150mm dia	each	25.00
0966	sand cast iron plain shoe 150mm dia	each	325.00
0967	pigments plate -copper	kilogram	270.00
0969	Pulleys 25mm dia	each	30.00

0973	Rolling shutters and its parts Rolling shutter made of 80X1.25mm machine rolled laths	sqm	1150.00
0974	Rolling shutters and its parts Top cover for rolling shutters	m	550.00
0975	Rolling shutters and its parts 27.5cm long wire spring grade No 2 for rolling Shutters	each	250.00
0976	Rolling shutters and its parts ball bearing for rolling shutters	each	330.00
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	520.00
0978	Extra for mechanical devices chain and cranked operation for operating rolling shutters Exceeding 16.80 sqm area of door	sqm	550.00
0979	Royalty for good earth	cum	30.00
0980	Royalty for sludge	cum	90.00
0982	Sand Coarse sand quarry at Koilwar/Sone	cum	138.78
0983	Fine sand (zone IV)	cum	118.49
0992	Galvanised steel plain sheets	quintal	4750.00
0994	Standard quality hard board sheet 3mm thick	sqm	110.00
0996	Sheets standard quality had board sheet 4.5mm thick	sqm	130.00
0999	Polish shellac	kilogram	205.00
1000	Oil/Fuel spirit	litre	65.00
1003	<u>Mild steel round bar above 12mm dia</u>	quintal	4866.75
1001	Spun yarn	kilogram	40.00
1002	<u>Mild steel round bar 12mm dia and below</u>	quintal	4866.75
1004	<u>Mild steel wire rod</u>	quintal	4798.50
1004 A	5.5mm	quintal	4866.75
1004 B	6.0mm	quintal	4851.00
1004 C	6.5mm	quintal	4835.25
1004 D	7.0mm	quintal	4814.25
1004 E	8.00mm	quintal	4798.50
1004 F	10.0mm	quintal	4866.75
1004 G	12.0/12.7mm	quintal	4866.75
1005	<u>Steel T.M.T. Bars Fe 500</u>	quintal	5150.25
1005 A	TMTC-500-8mm	quintal	5244.75
1005 B	TMTC-500-10mm	quintal	5244.75
1005 C	TMTC-500-12mm	quintal	5150.25

D	1005	TMT FE-500-16mm	quintal	5192.25
E	1005	TMT FE-500-20mm	quintal	5150.25
F	1005	TMT FE-500-25mm	quintal	5150.25
G	1005	TMT FE-500-28mm	quintal	5150.25
H	1005	TMT FE-500-32mm	quintal	5171.25
I	1005	TMT FE-500-36mm	quintal	5171.25
	100	Steel T.M.T. Bars Fe 415	quintal	3622.50
A'	1005	TMTC-415-8mm	quintal	3675.00
B'	1005	TMTC-415-10mm	quintal	3675.00
C'	1005	TMTC-415-12mm	quintal	3622.50
D'	1005	TMT FE-415-16mm	quintal	3622.50
E'	1005	TMT FE-415-20mm	quintal	3622.50
F'	1005	TMT FE-415-25mm	quintal	3622.50
G'	1005	TMT FE-415-28mm	quintal	3622.50
H'	1005	TMT FE-415-32mm	quintal	3622.50
	1006	Mild steel square bars	quintal	3551.87
	100	STEEL JOIST	quintal	3784.83
	7 A			
	a	200X100	quintal	3784.83
	b	225X110	quintal	3784.83
	c	250X125	quintal	3842.79
	d	300X140	quintal	3842.79
	e	350X140	quintal	3960.92
	f	400X140	quintal	4076.73
	g	450X150	quintal	4183.41
	h	500X180	quintal	4290.09
	i	600X210	quintal	4610.34
	100	STEEL CHANNEL	quintal	4956.00
	7B			
	a	75X40	quintal	4956.00
	b	100X50	quintal	4956.00
	c	125X65	quintal	5061.00

d	150X75	quintal	5061.00
e	175X75	quintal	5061.00
f	200X75	quintal	5113.50
g	250X82	quintal	4633.02
h	300X90	quintal	4669.25
i	400X100	quintal	4805.85
100 7C	STEEL ANGLES	quintal	4809.00
a	50x50x6	quintal	4809.00
b	60X60X6	quintal	4809.00
c	65X65X6	quintal	4809.00
d	75X75X6	quintal	4809.00
e	80X80X8/10/12	quintal	4809.00
f	90X90X6	quintal	4809.00
g	100X100X8/10/12	quintal	4809.00
h	110X110X8/10/12	quintal	4809.00
i	130X130X10/12	quintal	4809.00
j	150X150X12/16/20	quintal	4809.00
k	200X200X16/18/26	quintal	4809.00
1008	Flats upto 10mm in thickness	quintal	3517.72
1009	Flats exceeding 10mm in thickness	quintal	3487.39
1010	Mild steel plates	quintal	4124.22
1013	Mild steel sheets for tanks	quintal	4600.00
1015	Mild steel expanded metal 20x60 mm strands	sqm	270.00
1019	Mild steel hooks	each	30.00
1020	Mild steel rivets	quintal	4800.00
1021	Hard drawn steel wire fabric	sqm	430.00
1022	Galvanised steel bolts and nuts 6mm dia. And 25mm long round head with slots	ten	20.00
1023	Galvanised steel J or L hooks 8mm dia.	Ten	90.00
1024	Galvanised steel bolts and nuts 10mm dia. and 125mm long	each	10.00
1025	Mild steel bolts 6mm dia and 25mm long with hexagonal head	ten	25.00
1028	Straining bolts	each	70.00
1029	Galvanised steel barbed wire	quintal	5175.00
1030	Galvanised steel turn buckles	each	15.00

1031	Galvanised steel bolts & nut 10mm dia 27cm long both sides threaded with 4 galvanised steel nuts	each	20.00
1032	Galvanised steel bolts 10mm dia 7cm long with nuts	each	15.00
1034	Bolts and nuts upto 300mm in length	quintal	5400.00
1035	Bolts and nuts above 300mm in length	quintal	5400.00
1036	Iron Pintels including welded pin	each	35.00
1143	Steel Beading	metre	20.00
1145	Aluminium Plain Strip edging 38x12x3 mm	metre	15.00
1149	Glass strips 4mm thick 40mm deep	metre	9.00
1151	Boundry stone top chisel dressed 15x15x90cm	each	60.00
1154	Through and bond stone	100 nos	1100.00
1157	Stone for masonry work	cum	675.00
1158	Stone for pitching 15cm x 22.5cm	cum	420.00
1159	Stone dust	cum	95.89
1160	Red sand stone block	10 cudm	60.00
1161	White sand stone block	10 cudm	65.00
1163	White sand stone slab 75mm thick (un-dressed)	sqm	280.00
1164	Red sand stone slab 40mm thick (undressed)	sqm	155.00
1165	'White sand stone slab 40mm thick (undressed)	sqm	170.00
1166	Red sand stone slab 30mm thick (undressed)	sqm	120.00
1168	Kota stone slab 20mm to 25mm thick (semi-polished)	sqm	270.00
1169	Kota stone slab 25mm thick (rough chiselled)	sqm	175.00
1174	Red sand stone slab 45/50mm thick (un-polished)	sqm	165.00
1175	White sand stone slab 45/50mm thick (undressed)	sqm	185.00
1177	Stone grit 6 mm and down size or pia sized grand	cum	900.00
1179	Crushed stone 2.36 mm to 12.5 mm size	cum	915.00
1182	Surkhi	cum	1270.50
A	Uraban Patna	cum	1270.50
B	For Purnia,Bhagalpur,Sahasara,Munger,Darabhanga	cum	1218.00
C	For other places	cum	1176.00
D	For Patna Rural	cum	1226.40
1186	Superior class teak wood such as Dandeli, Balarshah or Malabar in planks	10 cudm	1050.00
1187	First class teak wood in scantling	10 cudm	700.00
1188	First class teak wood in planks	10 cudm	800.00
1189	Second class teak wood in scantling	10 cudm	640.00

1190	Second class teak wood in planks	10 cudm	720.00
1194	Second class deodar wood in planks	10 cudm	480.00
1196	First class kail wood in planks	10 cudm	300.00
1197	Second class kail wood in scantling	10 cudm	250.00
1198	Second clas's kail wood in planks	10 cudm	250.00
1199	Sal wood in scantling	10 cudm	500.00
1200	Local wood in scantling	10 cudm	300.00
1201	Precast terrazo tiles 22 mm thick (light shade)	sqm	240.00
1202	Precast terrazo tiles 22 mm thick (medium shade)	sqm	220.00
1203	Precast terrazo tiles 22 mm thick (dark shade)	sqm	200.00
1207	Washers Cadmium coated G.I. limpet washer	cent	35.00
1208	Washers Bitumen washer	cent	25.00
1209	Washers G.I. plain washer thick	cent	32.00
1210	Washers G.I. plain washer thin	cent	30.00
1211	Washers G.I. plain washer for seam bolts	cent	32.00
1213	Water proofing compound 'Impermo' of Snowcem India Ltd.	kilogram	25.00
1214	Welding By gas plant	cm	1.50
1215	Welding By electric plant	cm	1.50
1216	Whiting	quintal	400.00
1219	Wire nails	kilogram	52.00
1220	Wire mesh (Rabbit)	sqm	45.00
1221	20 mm dia holding down bolts	quintal	5400.00
1222	Mild steel sheets with bolts and nuts to rest on lintels	each	110.00
1224	Hard drawn steel wire	quintal	4200.00
1225	Mild steel flat strap fitting	quintal	3950.00
1227	Chequered terrazo tiles 22mm thick (light shade)	sqm	300.00
1228	Chequered terrazo tiles 22mm thick (medium shade)	sqm	260.00
1229	Chequered terrazo tiles 22mm thick (dark shade)	sqm	225.00
1231	Extra for selected planks of second class teak wood	10 cudm	115.00
1234	Aluminium plain strip edging 57x12x3 mm	metre	130.00
1235	Oil / Fuel Diesel oil	litre	41.29
1237	Cutting marble or sand stone slab upto 50mm thick by mechanical device	metre	8.00
1238	Bamboo Extra for selected planks of first class teak wood	10 cudm	140.00
1241	Oil / Fuel LPG (Commercial Cylinder)	kg	51.00

1301	Bleaching powder	quintal	1,750.00
1304	Surface box for stop cock	each	100.00
1305	Surface box for sluice valve	each	185.00
1307	Surface box for water meter	each	205.00
1309	C.I. bracket for wash basin and sinks	pair	53.00
1314	C.P. brass chain with 32 mm dia rubber plug	each	26.00
1315	C.P. brass chain with 40 mm dia rubber plug	each	27.00
1330	Clamps and M.S. stays including bolts and nuts for 100 mm pipe	each	33.00
1331	M.S. Holder bat clamp of approved design for 10 mm S.C.I.pipe	each	17.00
1332	M.S. Holder bat clamp of approved design for 75mm S.C.I.pipe	each	15.00
1334	Clamps and M.S. stays including bolts and nuts for 50 mm pipe	each	25.00
1335	Clamps and M.S. stays including bolts and nuts for 75 mm pipe	each	29.00
1336	Clearing eye with chain and lid 100 mm dia	each	44.00
1337	Clearing eye with chain and lid 150 mm dia	each	50.00
1339	Brass bib-cock 15 mm dia	each	165.00
1340	Brass bib-cock 20mm dia	each	215.00
1342	Brass stop-cock 15 mm dia	each	165.00
1343	Brass stop-cock 20 mm dia	each	215.00
1350	Mosquito proof coupling of approved design	each	27.00
1352	C.I. cover and frame 300x300 mm inside	each	280.00
1353	C.I. cover without frame 300x300 mm inside i/c cover of 4.50kg	each	200.00
1354	Rectangular cover 455x610 mm with frame (low duty)	each	1,415.00
1355	Rectangular cover 455x610 mm without frame (low duty)	each	980.00
1356	500mm dia cover with frame (medium duty)	each	4,435.00
1357	500mm dia cover without frame (medium duty)	each	2,210.00
1360	C.I.mouth ,brass ferrule 15 mm dia	each	115.00
1361	C.I.mouth ,brass ferrule 20 mm dia	each	145.00
1362	C.I.mouth ,brass ferrule 20 mm dia	each	205.00
1363	Vitreous china foot rests 250x130x30 mm	pair	90.00
1364	C.I. grating 100x100 mm	each	15.00
1366	C.I. grating 150x150 mm	each	25.00
1367	C.I. grating 180x180 mm	each	30.00

1369	S.C.I. gully or nahani grating 100 mm dia	each	15.00
1373	Rubber insertions for 80 mm dia pipe joints	each	11.00
1374	Rubber insertions for 100 mm dia pipe joints	each	14.00
1375	Rubber insertions for 125 mm dia pipe joints	each	15.00
1376	Rubber insertions for 150 mm dia pipe joints	each	17.00
1377	Rubber insertions for 200 mm dia pipe joints	each	22.00
1378	Rubber insertions for 250 mm dia pipe joints	each	32.00
1379	Rubber insertions for 300 mm dia pipe joints	each	40.00
1380	Rubber insertions for 350 mm dia pipe joints	each	45.00
1381	Rubber insertions for 400 mm dia pipe joints	each	67.00
1382	Rubber insertions for 450 mm dia pipe joints	each	84.00
1383	Rubber insertions for 500 mm dia pipe joints	each	106.00
1384	Rubber insertions for 600 mm dia pipe joints	each	118.00
1392	Mirror of superior make glass 60x45 cm	each	290.00
1396	Vitreous china pedestal for wash basin	each	650.00
1397	Pig lead	kilogram	90.00
1464	S & S.C.I. standard specials up to 300 mm dia (heavy class)	quintal	3,450.00
1466	S & S.C.I. standard specials over 300 mm dia (heavy class)	quintal	3,550.00
1468	Flanged C.I. standard specials up to 300 mm dia (heavy class)	quintal	5,300.00
1470	Flanged C.I. standard specials over 300 mm dia (heavy class)	quintal	5,600.00
1472	Casing pipe 100 mm dia	metre	335.00
1532	Flush pipe with union spreaders and clamps all in C.P. brass for single stall	each	240.00
1533	Flush pipe with union spreaders and clamps all in C.P. brass for double stall	each	380.00
1534	Flush pipe with union spreaders and clamps all in C.P. brass for range of three stall	each	490.00
1535	Flush pipe with union spreaders and clamps all in C.P. brass for range of four stall	each	570.00
1540	Flush pipe and spreaders G.I. for single set of one squatting plate urinal	each	170.00
1541	Flush pipe and spreaders G.I. for range of two squatting plates urinal	each	230.00
1542	Flush pipe and spreaders G.I. for range of three squatting plates urinal each	each	290.00
1543	Flush pipe and spreaders G.I. for range of four squatting plates urinal	each	365.00
1545	G.I. pipes 15 mm dia	metre	81.00

1546	G.I. pipes 20 mm dia	metre	97.00
1547	G.I. pipes 25 mm dia	metre	134.00
1548	G.I. pipes 32 mm dia	metre	167.00
1549	G.I. pipes 40 mm dia	metre	202.00
1550	G.I. pipes 50 mm dia	metre	254.00
1551	G.I. pipes 65 mm dia	metre	325.00
1552	G.I. pipes 80 mm dia	metre	426.00
1555	G.I. back (jam) nuts 25 mm dia	each	8.00
1559	G.I. back (jam) nuts 65 mm dia	each	18.00
1608	G.I. tees (equal) 25 mm	each	42.00
1612	G.I. tees (equal) 65 mm	each	270.00
1614	G.I. inlet connection	each	61.00
1616	S.C.I. soil, waste and vent single socketed pipe1.80 metres long: 75mm dia	each	890.00
1617	S.C.I. soil, waste and vent single socketed pipe1.80 metres long:100mm dia	each	990.00
1618	S.C.I. soil, waste and vent single socketed pipe1.80 metres long: 150mm dia	each	1,630.00
1620	S.C.I. plain bend 75 mm dia	each	170.00
1621	S.C.I. plain bend 100 mm dia	each	210.00
1622	S.C.I. plain bend 150 mm dia	each	470.00
1624	S.C.I. bend with access door 75 mm dia	each	187.00
1625	S.C.I. bend with access door 100 mm dia	each	233.00
1627	S.C.I. plain single equal junctions 75x75x75 mm dia	each	240.00
1628	S.C.I. plain single equal junctions 100x100x100 mm dia	each	310.00
1630	S.C.I. single equal junctions75x75x75 mm dia with access door	each	260.00
1631	S.C.I. single equal junctions 100x100x100 mm dia with access door	each	350.00
1633	S.C.I. plain double equal junctions 75x75x75x75 mm dia	each	335.00
1634	S.C.I. plain double equal junctions100x100x100x100 mm dia	each	490.00
1636	S.C.I. double equal junctions75x75x75x75 mm dia with access door	each	395.00
1637	S.C.I. double equal junctions 100x100x100x100 mm dia with access door	each	530.00

1639	Slotted cowl (terminal guard) 75 mm dia	each	137.00
1640	Slotted cowl (terminal guard) 100 mm dia	each	187.00
1641	G.I. Union 15 mm nominal bore	each	40.00
1642	G.I. Union 20 mm nominal bore	each	60.00
1643	G.I. Union 25 mm nominal bore	each	70.00
1644	G.I. Union 32 mm nominal bore	each	100.00
1645	G.I. Union 40 mm nominal bore	each	135.00
1646	G.I. Union 50 mm nominal bore	each	180.00
1647	G.I. Union 65 mm nominal bore	each	390.00
1648	G.I. Union 80 mm nominal bore	each	480.00
1649	Polyethylene water storage tank with cover and suitable locking arrangement	pair litre	4.45
1653	Sand cast iron S&S plain single unequal junctions : 100x100x75 mm dia	each	350.00
1656	Sand cast iron S&S single unequal junctions: 100x100x75 mm dia with access door	each	390.00
1659	Sand cast iron S&S plain double unequal junctions : 100x100x75x75 mm dia	each	510.00
1662	Sand cast iron S&S double unequal junctions: 100x100x75x75 mm dia with access door	each	550.00
1666	Sand cast iron heel rest bend 75 mm dia	each	200.00
1667	Sand cast iron heel rest bend 100 mm dia	each	239.00
1669	S.C.I. single equal invert branch of required degree 75x75x75 mm dia	each	290.00
1670	S.C.I. single equal invert branch of required degree 100x100x100 mm dia	each	387.00
1672	S.C.I. double equal invert branch of required degree 75x75x75x75 mm dia	each	382.00
1673	S.C.I. double equal invert branch of required degree 100x100x100x100 mm dia	each	510.00
1674	S.C.I. single unequal invert branch of required degree 100x100x75 mm dia	each	466.00
1677	S.C.I. double unequal invert branch of required degree 100x100x75x75 mm dia	each	545.00
1682	S.C.I. door pieces 75 mm dia	each	253.00
1683	S.C.I. door pieces 100 mm dia	each	350.00
1685	S.C.I. collar 75 mm dia	each	98.00

1686	S.C.I. collar 100 mm dia	each	133.00
1687	Unplasticised P.V.C. connection pipe with brass union 30 cm long 15 mm bore	each	26.00
1688	Unplasticised P.V.C. connection pipe with brass union 30 cm long 20 mm bore	each	33.00
1689	Unplasticised P.V.C. connection pipe with brass union 45 cm long 15 mm bore	each	33.00
1690	Unplasticised P.V.C. connection pipe with brass union 45 cm long 20 mm bore	each	43.00
1693	S.C.I. hand pump	each	550.00
1700	R.C.C. pipes NP2 class 100 mm dia	metre	135.00
1701	R.C.C. pipes NP2 class 150 mm dia	metre	154.00
1702	R.C.C. pipes NP2 class 250 mm dia	metre	188.00
1703	R.C.C. pipes NP2 class 300 mm dia	metre	261.00
1704	R.C.C. pipes NP2 class 450 mm dia	metre	380.00
1705	R.C.C. pipes NP2 class 500 mm dia	metre	454.00
1706	R.C.C. pipes NP2 class 600 mm dia	metre	732.00
1707	R.C.C. pipes NP2 class 700 mm dia	metre	850.00
1709	R.C.C. pipes NP2 class 800 mm dia	metre	960.00
1710	R.C.C. pipes NP2 class 900 mm dia	metre	1,125.00
1711	R.C.C. pipes NP2 class 1000 mm dia	metre	1,420.00
1712	R.C.C. pipes NP2 class 1100 mm dia	metre	1,730.00
1713	R.C.C. pipes NP2 class 1200 mm dia	metre	1,760.00
1714	R.C.C. pipes NP2 class 100 mm dia	each	20.00
1715	R.C.C. pipes NP2 class 150 mm dia	each	25.00
1716	R.C.C.collars NP2 class 250 mm dia	each	40.00
1717	R.C.C.collars NP2 class 300 mm dia	each	49.00
1718	R.C.C.collars NP2 class 450 mm dia	each	75.00
1719	R.C.C. collars NP2 class 500 mm dia	each	89.00
1720	R.C.C.collars NP2 class 600 mm dia	each	109.00
1721	R.C.C. collars NP2 class 700 mm dia	each	121.00
1723	R.C.C.collars NP2 class 800 mm dia	each	172.00
1724	R.C.C. collars NP2 class 900 mm dia	each	210.00

1725	R.C.C. collars NP2 class 1000 mm dia	each	256.00
1726	R.C.C. collars NP2 class 1100 mm dia	each	283.00
1727	R.C.C. collars NP2 class 1200 mm dia	each	330.00
1854	Stoneware pipes grade A (60 cm long) 100 mm dia	each	36.00
1855	Stoneware pipes grade A (60 cm long) 150 mm dia	each	53.00
1856	Stoneware pipes grade A (60 cm long) 200 mm dia	each	91.00
1858	Stoneware pipes grade A (60 cm long) 250 mm dia	each	130.00
1859	Stoneware pipes grade A (60 cm long) 300 mm dia	each	190.00
1863	Fire clay kitchen sink: 600x450x250 mm	each	1,350.00
1871	White vitreous china laboratory sink 450x300x150 mm	each	820.00
1872	White vitreous china laboratory sink 600x450x200 mm	each	1,525.00
1875	White plastic seat (solid) with lid C.P. brass hinges and rubber buffers	each	310.00
1876	Black plastic seat (solid) with lid C.P. brass hinges and rubber buffers	each	293.00
1878	Shower rose C.P. brass for 15 to 20 mm inlet 100 mm dia	each	40.00
1879	Shower rose C.P. brass for 15 to 20 mm inlet 150 mm dia	each	55.00
1881	Spun yarn	kilogram	40.00
1882	Strainer brass 40 mm dia 1.5 metre long	each	495.00
1885	15 mm C.P. brass tap	each	170.00
1889	C.P. brass toilet paper holder of standard size	each	115.00
1891	C.I. trap for standard urinal with vent arm with operating and other couplings in C.P. brass: 50 mm dia	each	158.00
1893	C.I. trap for standard urinal with vent arm with operating and other couplings in C.P. brass: 80 mm dia	each	200.00
1895	C.P. brass trap 40 mm dia	each	125.00
1896	100 mm S.C.I. trap with vent heel	each	308.00
1897	100 mm S.C.I. trap with 100 mm inlet and 100 mm outlet	each	263.00
1898	100 mm S.C.I. trap with 100 mm inlet and 75 mm outlet	each	198.00
1900	S.W. gully trap P type 100x100 mm	each	70.00
1902	S.W. gully trap P type 150x100 mm	each	104.00
1904	S.W. gully trap P type 180x150 mm	each	195.00
1913	Vitreous china lipped front urinal	each	460.00

1915	Vitreous china squatting plate urinal	each	740.00
1922	H.P. or L.P. ball valve with polythene floats: 15 mm dia	each	190.00
1923	H.P. or L.P. ball valve with polythene floats: 20 mm dia	each	270.00
1924	H.P. or L.P. ball valve with polythene floats: 25 mm dia	each	315.00
1927	Brass full way valve with C.I. wheel (screwed end) 25 mm dia	each	305.00
1928	Brass full way valve with C.I. wheel (screwed end) 32 mm dia	each	370.00
1929	Brass full way valve with C.I. wheel (screwed end) 40 mm dia	each	450.00
1930	Brass full way valve with C.I. wheel (screwed end) 50 mm dia	each	650.00
1931	Brass full way valve with C.I. wheel (screwed end) 65 mm dia	each	900.00
1932	Brass full way valve with C.I. wheel (screwed end) 80 mm dia	each	1,550.00
1933	Gunmetal non-return valve-horizontal (screwed end) 25 mm dia	each	310.00
1934	Gunmetal non-return valve-horizontal (screwed end) 32 mm dia	each	400.00
1935	Gunmetal non-return valve-horizontal (screwed end) 40 mm dia	each	510.00
1936	Gunmetal non-return valve-horizontal (screwed end) 50 mm dia	each	780.00
1937	Gunmetal non-return valve-horizontal (screwed end) 65 mm dia	each	1,420.00
1938	Gunmetal non-return valve-horizontal (screwed end) 80 mm dia	each	2,030.00
1940	C.I.slucice valve (with caps) class I : 100 mm dia	each	2,300.00
1941	C.I.slucice valve (with caps) class I : 125 mm dia	each	2,600.00
1942	C.I.slucice valve (with caps) class I : 150 mm dia	each	3,410.00
1943	C.I.slucice valve (with caps) class I : 200 mm dia	each	6,550.00
1944	C.I.slucice valve (with caps) class I : 250 mm dia	each	9,550.00
1945	C.I.slucice valve (with caps) class I : 300 mm dia	each	13,500.00
1947	Vitreous china flat back wash basin 630x450 mm	each	675.00
1949	Vitreous china angle back wash basin 600x480 mm	each	580.00
1950	Vitreous china angle back wash basin 400x400 mm	each	405.00
1951	C.P. brass waste 32 mm	each	55.00

1952	C.P. brass waste 40 mm	each	62.00
1953	Vitreous china Indian type w.c. pan size 580 mm	each	340.00
1954	Vitreous china orrisa type w.c. pan size 580 mm	each	750.00
1955	Vitreous china pedestal type water closet	each	680.00
1956	Bolts and nuts 16 mm dia 60 mm long	each	10.00
1957	Bolts and nuts 16 mm dia 65 mm long	each	11.00
1958	Bolts and nuts 20 mm dia 65 mm long	each	13.00
1959	Bolts and nuts 20 mm dia 70 mm long	each	13.00
1960	Bolts and nuts 20 mm dia 75 mm long	each	14.00
1961	Bolts and nuts 20 mm dia 80 mm long	each	15.00
1962	Bolts and nuts 24 mm dia 85 mm long	each	27.00
1963	Bolts and nuts 24 mm dia 90 mm long	each	29.00
1964	Bolts and nuts 27 mm dia 100 mm long	each	35.00
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	1,250.00
1970	Vitreous china foot rests 250x125x25 mm	pair	100.00
1980	Fly ash	cum	7.75
1984	Brick Tiles (300mm x 150mm x 50mm)	thousand	4601.10
1986	Common burnt clay modular bricks class designation 12.5	1000 nos	3,600.00
2391	Strips-Aluminium fluted 3.15 mm thick and 150 mm wide	metre	228.00
2392	Strips-Aiuminium fluted 3.15 mm thick and 200 mm wide metre	metre	323.00
2406	Float glass sheet of nominal thickness 4 mm (weighing not less than 10 kg/sqm)	sqm	310.00
2407	Float Glass sheet of nominal thickness 5.5mm (weighing not less than 13.50 kg/sqm)	sqm	450.00
2412	Ply wood 5 ply with commercial ply on both faces 6 mm thick	sqm	340.00
2447	Hollock bailies 125 mm diameter	metre	35.00
2449	Oxidised mild steel Pull bolt lock of size 85mmx42mm with screws bolts and washers complete	each	44.00
2451	Brass Cupboard lock 6 levers (best make of approved quality) 40 mm size	each	65.00
2452	Brass Cupboard lock 6 levers (best make of approved quality) 50 mm size	each	70.00

2453	Brass Cupboard lock 6 levers (best make of approved quality) 65 mm size	each	75.00
2454	Brass Cupboard lock 6 levers (best make of approved quality) 75 mm size	each	95.00
2455	Brass Hanging type door stopper 150 mm	each	60.00
2456	Hydraulic door closer tubular type aluminium die cast body with necessary accessories and screws complete	each	535.00
2459	Anodised Aluminium hanging type door stopper	each	21.00
2464	Anodised Aluminium pull bolt lock (locking bolt) of size 85x42 mm with screws, bolts, nuts and washers complete	each	46.00
2465	Anodised Aluminium Casement stay 250 mm	each	46.00
2466	Hollock wood in scantling	10 cud	310.00
2467	Chromium plated Brass Pull bolt lock (locking bolt) of size 85mm x 42mm with screws, bolts, nuts and washers complete	each	145.00
2468	Chromium Brass cupboard lock (Nickled) 40mm size	each	62.00
2469	Chromium Brass cupboard lock (Nickled) 50mm size	each	70.00
2470	Chromium Brass cupboard lock (Nickled) 65mm size	each	82.00
2471	Chromium Brass cupboard lock (Nickled) 75mm size	each	103.00
2480	PANELS Ply wood 5 ply with teak ply on both faces 9 mm thick	sqm	960.00
2481	Ply wood 5 ply with teak ply on one face and commercial ply on another face 9 mm thick	sqm	775.00
2483	Ply wood 7 ply with teak ply on one face and commercial ply on another face 9 mm thick	sqm	845.00
2500	Extra for selected planks of second class deodar wood	10 cud	73.00
2504	Kiln seasoning of timber	cum	680.00
2505	Hollock wood in planks	10 cud	350.00
2602	Designation 100 A Brick	thousand	3672.90
2602A	Urban Patna	thousand	4601.10
2602B	Darbhanga	thousand	3882.90
2602C	Bhagalpur	thousand	3882.90
2602D	Munger	thousand	3882.90
2602E	Muzaffarpur	thousand	3882.90
2602F	Gaya	thousand	3672.90
2602G	Patna Rural	thousand	3830.40
2602H	Saran	thousand	3672.90

2602I	Saharsa	thousand	3987.90
2602J	Purnea	thousand	4198.95
2603	Designation 100 B Brick	thousand	2777.25
2603A	Urban Patna	thousand	3534.30
2603B	Darbhanga	thousand	2951.55
2603C	Bhagalpur	thousand	2951.55
2603D	Munger	thousand	2951.55
2603E	Muzaffarpur	thousand	2951.55
2603F	Gaya	thousand	2777.25
2603G	Patna Rural	thousand	2896.95
2603H	Saran	thousand	2777.25
2603I	Saharsa	thousand	3039.75
2603J	Purnea	thousand	3213.00
2704	Aluminium strip 40 mm wide and 2 mm thick	kilogram	210.00
2710	White Marble Makrana stone pieces for crazy flooring	quintal	130.00
2711	Sheets Polyvinyl chloride sheet 1.5 mm thick	sqm	444.58
2712	Sheets Polyvinyl chloride sheet 2.0 mm thick	sqm	616.5
2717	Polyvinyl chloride tiles 1.5mm thick	sqm	507.1
2718	Polyvinyl chloride tiles 2.0mm thick	sqm	607.82
2723	Adhesive (rubber base)	ilogram	164.98
2736	Sheets Rubber tiles plain conforming to IS 809 1.5 mm thick	sqm	734.59
2737	Sheets Rubber tiles plain conforming to IS 809 2.0 mm .thick	sqm	849.21
2738	Sheets Rubber tiles LP stud conforming to IS 809 2.0 mm thick	sqm	734.59
2739	Sheets Rubber tiles LP stud conforming to IS 809 3.0 mm thick	sqm	1257.31
2740	Sheets Rubber tiles LP stud conforming to IS 809 4.0 mm thick	sqm	1667.15
2741	Sheets Anti static rubber tiles plain/LP stud conforming to BS : 2050 2.00 mm thick	sqm	1361.51
2742	Sheets. Rubber tiles plain/LP stud in skirting conforming to IS : 809 2.0mm thick	sqm	534.88
2750	8mm thick granite stone tiles (mirror polished of all shades)	sqm	675.00
2751	8mm thick marble tiles (polished) Raj Nagar	sqm	340.00
2901	Stone Aggregate (Single size) : 100 mm nominal size	cum	397.44
2902	Stone Aggregate (Single size) : 80 mm nominal size	cum	397.44
2903	Stone chippings/ screenings 4.75 mm nominal size	cum	189.82
2904	Stone chippings/ screenings 150 micron nominal size	cum	189.82
2908	Over burnt (Jhama) Brick Aggregate: 120 mm to 40 mm size	cum	901.95

2909	Over burnt (Jhama) Brick Aggregate: 90 mm to 40 mm size	cum	901.95
2910	Stone chippings/ screenings 12.5/ 13.2 mm nominal size	cum	631.24
2911	Stone chips/streining 10/11.2 mm nominal size	cum	612.57
2914	Solvent	kilogram	23.00
2916	Paving Asphalt VG -10 of approved quality	tonne	37500.00
3002	Sheets Polyvinyl chloride sheet 400 micron thick	sqm	31.00
3004	Stoneware spouts 100mm dia 60 em long	each	33.00
	GC Sheet		
3050	Galvanised steel corrugated sheets 0.63 mm thick	quintal	6,079.50
3050 A	Galvanised steel corrugated sheets 0.50 mm thick	quintal	6,268.50
3050 B	Galvanised steel corrugated sheets 0.40 mm thick	quintal	7,131.39
3050 C	Galvanised steel corrugated sheets 0.35 mm thick	quintal	7,293.09
3050 D	Galvanised steel corrugated sheets 0.80 mm thick	quintal	6,079.50
3080	Gunmetal non-return valve-vertical (screwed end) 25 mm dia	each	320.00
3084	Gunmetal non-return valve-vertical (screwed end) 32 mm dia	each	490.00
3088	Gunmetal non-return valve-vertical (screwed end) 40 mm dia	each	680.00
3092	Gunmetal non-return valve-vertical (screwed end) 50 mm dia	each	930.00
3096	Gunmetal non-return valve-vertical (screwed end) 65 mm dia	each	1,650.00
3213	Vitreous china Surgeon type wash basin of size 660x460 mm	each	995.00
3214	Aluminium sheet 24 gauge	sqm	303.91
3228	600x120 mm glass shelf with anodised aluminium angle frame, C.P. brass brackets and guard rail of standard size	each	130.00
3229	Vitreous china flat back wash basin 550x400 mm	each	530.00
3300	Gunmetal non-return valve-vertical (screwed end) 80 mm dia	each	2,630.00
3311	C.I.slucice valve (with caps) class II : 100 mm dia	each	2,650.00
3314	C.I.slucice valve (with caps) class II : 125 mm dia	each	3,200.00
3317	C.I.slucice valve (with caps) class II : 150 mm dia	each	4,000.00
3320	C.I.slucice valve (with caps) class II : 200 mm dia	each	9,100.00
3321	C.I.slucice valve (with caps) class II : 250 mm dia	each	13,500.00
3326	C.I.slucice valve (with caps) class II : 300 mm dia	each	17,000.00
3617	CP Brass Union 40 mm dia	each	175.00
3620	C.C.I.(spun) socketed soil, waste and vent pipe 1.80 metres long :100 mm dia	each	1,130.00
3621	C.C.I. (spun) socketed soil, waste and vent pipe 1.80 metres long :75 mm dia	each	985.00

3624	S.C.I. S&S bends with access door 100 mm dia	each	270.00
3625	S.C.I. S&S bends with access door 75 mm dia	each	215.00
3628	S.C.I. S&S bend 100 mm dia	each	235.00
3629	S.C.I. S&S bend 75 mm dia	each	175.00
3634	S.C.I. S&S heel rest sanitary bend 100 mm dia	each	275.00
3635	S.C.I. S&S heel rest sanitary bend 75 mm dia	each	240.00
3640	S.C.I. S&S single equal junctions 100x100x100 mm	each	430.00
3641	S.C.I. S&S single equal junctions 75x75x75 mm	each	310.00
3644	S.C.I. S&S single equal junctions with access door 100x100x100 mm	each	465.00
3645	S.C.I. S&S single equal junctions with access door 75x75x75 mm	each	350.00
3650	S.C.I. S&S double equal junctions 100x100x100x100 mm	each	565.00
3651	S.C.I. S&S double equal junctions 75x75x75x75 mm	each	450.00
3654	S.C.I. S&S double equal junctions with access door 100x100x100x100 mm	each	610.00
3655	S.C.I. S&S double equal junctions with access door 75x75x75x75 mm	each	475.00
3660	S.C.I. S&S single unequal junctions 100x100x75 mm	each	560.00
3664	S.C.I. S&S single unequal junctions with access door 100x100x75 mm	each	630.00
3670	S.C.I. S&S double unequal junctions 100x100x75x75 mm	each	780.00
3674	S.C.I. S&S double unequal junctions with access door 100x100x75x75 mm	each	850.00
3681	S.C.I. S&S single equal invert branch of required degree 100x100x75x75 mm dia	each	395.00
3682	S.C.I. S&S single equal invert branch of required degree 75x75x75 mm dia	each	303.00
3685	S.C.I. S&S double equal invert branch of required degree 100x100x100x100 mm dia	each	525.00
3686	S.C.I. S&S double equal invert branch of required degree 75x75x75x75 mm dia	each	405.00
3690	S.C.I. S&S single unequal invert branch of required degree 100x100x75 mm dia	each	505.00
3695	S.C.I. S&S double unequal invert branch of required degree 100x100x75x75 mm dia	each	700.00
3699	S.C.I. S&S, 75 mm offset for 75 mm dia pipe	each	215.00
3707	S.C.I. S&S, 150 mm offset for 75 mm dia pipe	each	270.00
3708	S.C.I. S&S, 150 mm offset for 100 mm dia pipe	each	370.00
3712	S.C.I. S&S, 114 mm offset for 75 mm dia pipe	each	270.00
3713	S.C.I. S&S, 114 mm offset for 100 mm dia pipe	each	355.00
3716	S.C.I. S&S, 152 mm offset for 75 mm dia pipe	each	335.00

3717	S.C.I. S&S, 152 mm offset for 100 mm dia pipe	each	440.00
3728	S.C.I. S&S, door pieces 100 mm dia	each	370.00
3729	S.C.I. S&S, door pieces 75 mm dia	each	260.00
3733	S.C.I. S&S, Slotted Cowl (Terminal Guard) 100 mm	each	190.00
3734	S.C.I. S&S, Slotted Cowl (Terminal Guard) 75 mm	each	175.00
3738	S.C.I. S&S, Slotted collars 100 mm	each	185.00
3739	S.C.I. S&S, Slotted collars 75mm	each	130.00
3746	S.C.I. S&S, 75 mm offset for 75 mm dia pipe	each	215.00
3747	S.C.I. S&S, 75 mm offset for 100 mm dia pipe	each	246.00
3749	Vitreous china toilet paper holder of standard size	each	118.00
3860	560 mm dia cover with frame (Heavy duty)	each	8,460.00
3861	561 mm dia cover without frame (Heavy duty)	each	4,500.00
4006	Pressed steel door frames (mild steel sheet 1.25mm) profile 'B'	metre	220.00
4007	Pressed steel door frames (mild steel sheet 1.25mm) profile 'C'	metre	240.00
4008	Pressed steel door frames (mild steel sheet 1.25mm) profile 'E'	metre	270.00
4009	Mild steel tubes, hot finished welded type	kilogram	48.00
4010	Mild steel tubes, hot finished seamless type	kilogram	58.00
4011	Mild steel tubes, electric resistant or induction butt welded	kilogram	65.00
4012	Circular C.I. box for ceiling fan	each	50.00
4013	Pulleys 40 mm dia	each	25.00
4014	Steel doors and windows Ready made steel door with necessary hinges, lugs and glazing clips excluding other fittings and their fixing	sqm	1878.22
4201	Primers Aluminium primer	litre	72.00
4202	Primers Red Oxide Zinc Chromate primer	litre	68.00
4203	Copper Acetate	kilogram	270.00
4204	Hydrochloric Acid	kilogram	32.00
4205	Copper Chloride	kilogram	272.00
4206	Copper Nitrate	kilogram	200.00
4207	Ammonium Chloride	kilogram	15.00
5001	Oil / Fuel Mobil oil	litre	186.00
6001	White marble slab Makrana second quality plain veined 18mm thick	sqm	1,850.00
6007	Pink marble slab plain 18mm thick	sqm	610.00
6010	Udaypur green marble slab plain 18 mm thick	sqm	660.00

6019	Black zebra marble slab plain 18 mm thick	sqm	470.00
6501	Local Sand (Ganga)	cum	118.49
7001	Brass 100 mm mortice latch & lock with 6 levers with out pair of handles	each	250.00
7003	Pair of Anodised Aluminium lever handles for 100 mm mortice latch and lock	each	300.00
7004	Vitreous china flat back wash basin 550x400 mm	each	425.00
7005	Vitreous china 10 litres low level cistern without fittings	each	890.00
7006	Vitreous china 10 litres low level cistern with fittings	each	1,550.00
7008	F.P.S.(non modular) clay fly ash bricks class designation 7.5	1,000nos	3,000.00
7009	Gypsum Board	sqm	160.00
7010	Ceiling sections	metre	39.00
7011	Peri metre channel	metre	27.00
7012	Intermediate channel	metre	42.00
7013	Ceiling angle	metre	19.00
7014	Connecting clips	each	6.20
7015	Soffit cleat	each	4.00
7016	Joint filler	kilogram	22.00
7017	Joint finisher	kilogram	24.00
7018	Joint tape roll	roll	140.00
7019	Dash fastner	each	13.00
7020	All drive screws(for gypsum board)	100 Nos.	56.00
7021	Pi.mer (for gypsum uoard)	litre	85.00
7022	Chloropyriphos 20 % E.C. Lindane 20% E.C.	litre	160.00
7023	Chromium plated orackets (Curtain rod)	each	7.00
7024	Acid proof cement	tonne	8,100.00
7027	M.S. Butt hinges 125x90x4 mm	ten	105.00
7029	Galvanised wire mesh of average width of aperture 1.4 mm and romin31 dia. of wire 0.63 mm	sqm	230.00
7032	Frosted glass sheet of nominal thickness 4mm (weighing not less than 10 kg/sqm)	sqm	315.00
7033	Nickle plated M.S. pipe 25 mm dia.	metre	75.00
7034	Nickle plated M.S. pipe 20 mm dia.	metre	67.00
7035	Nickle plated M.S. Brackets for curtain rod 20 mm	each	6.00
7036	Nickle plated M.S. Brackets for curtain rod 25 mm	each	7.00
7040	Oxidised mild steel screws 35 mm	100 Nos.	40.00
7042	Mild steel conduit pipe (heavy type) ISI marked-20 mm dia.	metre	57.00
7043	Mild steel conduit pipe (heavy type) ISI marked-25 mm dia.	metre	66.00

7044	Rolling shutters of 80xO.90mm laths	sqm	930.00
7045	Rolling shutters of 80x1.2mm laths	sqm	1,010.00
7046	Top cover of Rolling shutters 0.90mm thick	metre	270.00
7047	Top cover of Rolling shutters 1.20mm thick	metre	305.00
7048	Rawl plug 50 mm (designation 10 no.)	each	10.00
7049	Teak wood lipping of size 25x3mm in pelmets	metre	20.00
7055	Flat pressed 3 layer and graded particle board (medium density) Grade 1 conforming to IS : 3087 - 18 mm thick	sqm	390.00
7056	Aluminium Tee channel (heavy duty) with rollers and stop end	metre	45.00
7059	Aluminium hanging floor door stopper with twin rubber & stopper	each	58.00
7060	Hydraulic door closer tubular type Aluminium extruded section body - Gazel	each	810.00
7063	Oxidised M.S. casement stay (straight peg type) 300 mm not less than 0.33 kg.	each	21.00
7064	Oxidised M.S. casement stay (straight peg type) 250 mm not less than 0.28 kg.	each	18.00
7065	Oxidised M.S. casement stay (straight peg type) 200 mm not less than 0.24 kg.	each	17.00
7068	Extra for providing grilled rolling shutters with 8mm dia. M.S.	sqm	225.00
7070	Chequerred precast cement concrete tiles 22mm thick using marble chips of size 6mm Light shade using white cement	sqm	470.00
7071	Makrana second quality plain veined White marble Raj nagar plain - 18mm thick (slab area 0.10 m2 to 0.20 m2)	sqm	545.00
7077	Acid and alkali resistant tiles size 300x300mm 10mm thick	ten	520.00
7087	S.C.I. Tee 150 mm	each	505.00
7090	Expanded polystyrene type N - Normal	sqm	130.00
7091	Expanded polystyrene type SE	sqm	155.00
7095	Stainless steel kitchen sink - with drain board bowl depth 250 mm	each	5,150.00
7096	Stainless steel kitchen sink - with drain board 510 x 1040 mm bowl depth 225 mm.	each	4,900.00
7097	Stainless steel kitchen sink - with drain board 510 x 1040 mm bowl depth 200 mm.	each	4,200.00
7098	Stainless steel kitchen sink - with drain board 510 x 1040 mm bowl depth 178 mm.	each	2,900.00
7101	Stainless steel kitchen sink - without drain board 610x510 mm bowl depth 200 mm	each	2,950.00
7102	Stainless steel kitchen sink - without drain board 610x460 mm bowl depth 200 mm	each	2,750.00
7103	Stainless steel kitchen sink - without drain board 470x420 mm bowl depth 178 mm	each	2,050.00
7104	Coloured Orissa pattern W.C. pan 580x440 mm	each	1,275.00

7105	Coloured Pedestal type W.C. pan 580x440 mm (European type)	each	1,080.00
7106	Coloured Vitreous china 10 lit. low level cistern	each	1,500.00
7107	Coloured (other than black) solid P.V.C. seat in European W.C. pan	each	475.00
7112	Circular shape 450 mm dia Mirror with Plastic moulded frame	each	390.00
7113	Rectangular shape 453x357 mm Mirror with Plastic moulded frame	each	260.00
7114	Oval shape 450x350 mm (outer dimensions) Mirror with Plasticmoulded frame	each	300.00
7115	Rectangular shape 1500x450 mm Mirror with Plastic moulded frame	each	670.00
7116	Hard board 6 mm thick	each	170.00
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	21.00
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	27.00
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	26.00
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	28.00
7123	Coloured High density polyethylene/ poly propylene 10 lit. (full flush) capacity controlled low level flushing cistern with fittings	each	685.00
7126	White Vitreous china 10 lit. (full flush) capacity controlled low level flushing cistern with all fittings	each	975.00
7127	Coloured Vitreous china 10 lit. (full flush) capacity controlled low level flushing cistern with all fittings	each	1,400.00
7128	S.W. intercepting trap 100 mm dia	each	170.00
7129	S.W. intercepting trap 150 mm dia	each	225.00
7130	Rectangular shape 600x 450 mm precast R.C.C. manhole cover with frame - L.D. - 25	each	690.00
7131	Square shape 450x450 mm precast R.C.C. manhole cover with frame - L.D. - 25	each	600.00
7132	Circular shape 450 mm dia precast R.C.C. manhole cover with frame - L.D. - 25	each	560.00
7133	Rectangular shape 500x500 mm precast R.C.C. manhole cover with frame - M.D. - 10	each	660.00
7134	Circular shape 500 mm dia precast R.C.C. manhole cover with frame - M.D. - 10	each	630.00
7135	Circular shape 560 mm dia precast R.C.C. manhole cover with frame - H.D. - 20	each	1,030.00
7136	Circular shape 560 mm dia precast R.C.C. manhole cover with frame - H.D. - 35	each	1,150.00

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	1,780.00
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	1,930.00
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	1,850.00
7151	Sheet glass using 10 kg / sqm glass panes 30 mm thick shutters	sqm	1,580.00
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	1,630.00
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	1,385.00
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	665.00
7181	C.I. pile shoe	kilogram	46.00
7182	M.S. clamps for pile shoe	kilogram	42.00
7183	Bentonite	tonne	3,100.00
7184	Oxidised M.S. safety chain (weighing not less than 450 gms) for each door		60.00
7187	C.I. grating 150 mm dia. (Weighing not less than 440 gm)	each	22.00
7188	U-PVC pipes (working pressure 4 kg/cm ²) Single socketed ipe 75 mm dia	metre	67.00
7189	U-PVC pipes (working pressure 4 kg/cm ²) Single socketed ipe 100 mm dia.	metre	129.00
7190	U-PVC pipes (working pressure 4 kg/cm ²) Rubber (Seal) Ring 75 mm dia .	metre	16.00
7191	U-PVC pipes (working pressure 4 kg/cm ²) Rubber (Seal) Ring 100 mm dia .	metre	20.00
7192	UPVC coupler for UPVC drainage pipes 75 mm	each	34.00
7193	UPVC coupler for UPVC drainage pipes 110 mm	each	52.00

7194	UPVC pushfit coupler (single) 75 mm thick	each	50.00
7195	UPVC pushfit coupler (single) 110 mm thick	each	81.00
7196	UPVC single equal Tee (with door) 75x75x75 mm	each	95.00
7197	UPVC single equal Tee (with door) 110x110x110 mm	each	128.00
7198	UPVC single equal Tee (with door) 75x75x75 mm	each	115.00
7199	UPVC single equal Tee (with door) 110x110x110 mm	each	180.00
7208	UPVC bend 87.50 75 mm bend	each	56.00
7209	UPVC bend 87.50 110 mm bend	each	95.00
7212	UPVC plain shoe 75 mm	each	107.00
7213	UPVC plain shoe 110 mm	each	207.00
7214	UPVC pipe clip 75 mm bend	each	16.00
7215	UPVC pipe clip 110 mm bend	each	31.00
7231	Resin Bonded Glass wool 16 kg/m ³ , 50mm thick	sqm	145.00
7232	Resin Bonded Glass wool 24 kg/m ³ , 50mm thick	sqm	204.00
7233	Bitumen felt fibre base (vegetable or animal) Fibre glass tissue reinforced bitumen Felt Type 2 grade I conforming to IS : 7193	sqm	65.00
7236	Precast chequered cement tiles 22mm thick dark shade using ordinary cement	sqm	230.00
7237	Precast chequered cement tiles 22mm thick medium shade using 50% white cement, 50% ordinary cement	sqm	360.00
7239	Epoxy paint	litre	315.00
7240	Fire retardant paint	litre	350.00
7241	Melamine polish	litre	250.00
7244	Table rubbed polished stone 18mm thick (75x50 cm) Agaria marble stone - 18 mm thick	sqm	1630.00
7245	Table rubbed polished stone 18mm thick (75x50 cm) Granite stone 18 mm thick	sqm	1,825.00
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	33200.00
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	40300.00

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	48500.00
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	155000.00
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	23000.00
7251	Group of two piles Upto 50 tonne capacity each	per test	29500.00
7252	Lateral load testing of single pile in accordance with iS: 2911 Part - IV for determining safe allowable lateral load on pile. Upto 50 tonne capacity pile	per test	15000.00
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	23500.00
7254	Hard crete compound	litre	37.00
7255	Road marking paint (spirit based)	litre	120.00
7256	Superior quality road marking paint	litre	170.00
7257	C.P. Brass bibcock 15 mm	each	325.00
7258	C.P. Brass long nose bibcock 15 mm	each	330.00
7259	C.P. Brass long body bibcock 15 mm	each	350.00
7260	C.P. Brass stop cock (concealed) 15 mm	each	350.00
7261	C.P. Brass angle valve 15 mm	each	370.00
7266	Pressed clay tiles	1000 nos.	12150.00
7267	Plain ceiling tiles (BWP type phenol formal dehyde synthetic resin bonded) (600x600x12mm)	each	120.00
7268	Semi perforated ceiling tiles (600x600x12mm)	each	120.00
7269	25 mm thick particle board	sqm	460.00
7270	30mm thick pre laminated flush door shutter	sqm	850.00
7271	lInd class teak wood lipping 25mm wide x 12mm thick	metre	39.00
7272	25 mm thick melamine faced prelaminated three layer particle board	sqm	870.00
7295	Granite Black marble 18 mm thick slab , above 0.2 sqm upto 0.5 sqm (areawise)	sqm	1550.00

7297	Granite Black marble ,18 mm thick slab , above 1.0 sqm upto 2.0 sqm (areawise)	sqm	1640.00
7306	Aluminium T or L sections	kilogram	220.00
7307	For flush door shutters Extra for providing teak veneering on one side instead of commercial veneering	sqm	320.00
7309	Paving Asphalt of grade VG-30 of approved quality	tonne	38500.00
7312	Expandable fastner with plastic sleeve and M.S. screws. 25 mm long	each	8.00
7313	Expandable fastner with plastic sleeve and M.S. screws. 32 long	mm each	9.00
7314	Expandable fastner with plastic sleeve and M.S. screws. 40 long	mm each	12.00
7315	Expandable fastner with plastic sleeve and M.S. screws. 50 long	mm each	14.00
7318	Plasticizer/super plasticizer	kilogram	36.50
7319	Wall form panel 1250X500mm	each	1,050.00
7320	Tie bolt 12mm dia 100 mm length	each	38.00
7321	Tie bolt 12mm dia 150 mm length	each	50.00
7322	Tie bolt 20mm dia 150 mm length	each	62.00
7323	Tie bolt 20mm dia 225 mm length	each	80.00
7324	Spring coil 12mm	each	16.00
7325	Plastic cone 12mm dia	each	18.00
7326	Corner angle 45x45x5mm 1.50 m long	each	300.00
7327	100mm channel shoulder 2.5 m long	each	1,160.00
7328	Double clip (bridge clip)	each	97.00
7329	Single clip	each	77.00
7330	M.S. tube 40mm dia	metre	280.00
7331	Wall form panel 1250x450mm	each	1,040.00
7332	Corner angle 45x45x5 mm 2.50 m long	each	340.00
7333	Column clamp 450x1070 mm	each	1,220.00
7334	Prop 2 m (2-3.5m)	each	830.00
7335	Binding wire	kilogram	53.00
7338	Gun metal cramp	kilogram	305.00
7339	Stainless steel pin.	kilogram	320.00
7340	Stainless steel pin.	kg	180.00
7342	Adjustable span ESQ+SI (2.35-3.40)	each	1825.00

7343	Adjustable telescopic prop 3 m (2.00-3.75 m)	each	1150.00
7344	Beam clamp 300-380mm (450-1070mm)	each set	422.00
7345	Prop 4m	each	1170.00
7346	Double coupler	each	55.00
7347	Cadmium plated full threaded steel screws (30x4 mm dia.)	100 Nos.	28.00
7348	Aluminium Washer 2 mm thick 15 mm dia	100 Nos.	10.00
7349	12mm M.S. 'U' beading	metre	14.00
7350	M S tower bolt bright finished / black stone enamelled 250x10 mm .	each	30.73
7353	M S tower bolt bright finished / black stone enamelled 100x10 mm	each	21.38
7354	Plastic encapsulated M.S. foot rest 30x20x15 cm	each	110.00
7358	Flushing Cistern P.V.C. 10 lts capacity (low level) (White) (with fittings, accessories and flush pipe)	each	640.00
7359	P.V.C. automatic flushing cistern 5 lts capacity	each	490.00
7361	P.V.C. automatic flushing cistern 10 lts capacity	each	530.00
7363	15 mm C.P. brass tap with elbow operation lever	each	600.00
7364	White glazed fire clay draining board 600x450x25 mm	each	525.00
7366	Glass reinforced Gyp sum (GRG) board 8.5 mm thick	sqm	230.00
7367	Galvanised M.S. sheet 0.50mm thick pressed channel section of size 50x32mm	metre	60.00
7369	Galvanised M.S. sheet 0.50mm thick pressed stud 48x34x36mm	metre	72.00
7375	G.I. flush pipe and C.P. brass spreader including C.P. connecting pipe Single lipped urinal	each	440.00
7376	G.I. flush pipe and C.P. brass spreader including C.P. connecting pipe Range of two lipped urinals	each	1010.00
7377	G.I. flush pipe and C.P. brass spreader including C.P. connecting pipe Range of three lipped urinals	each	1240.00
7378	G.I. flush pipe and C.P. brass spreader including C.P. connecting pipe Range of four lipped urinals	each	1800.00
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	1440.00
7380	Precast R.C.C. grating with frame 500x450 mm horizontal grating	each	650.00
7381	Precast R.C.C. grating with frame 450x100 mm vertical grating	each	305.00
7382	Bitumen emulsion rapid setting (R.S.) conforming to IS : 8887	each	27700.00
7385	3 mm thick translucent white acrylic plastic sheet	sqm	570.00
7386	12 thick particle board ceiling tile	sqm	260.00
7387	Spigot for standard jointing		45.00

7388	Dash hold fastener 12.5 mm dia, 40 mm long with 6 mm dia bolt	each	48.00
7389	Anodising 15 microns on aluminium sections	kilogram	40.00
7390	Neoprene / EPDM rubber gasket	meter	25.00
7391	Anodising 25 microns on aluminium sections	kg	50.00
7392	Power coating 50 microns on aluminium sections	kg	64.00
7393	Polyster powder coating 50 microns on aluminium sections	kg	70.00
7394	Double action hydraulic floor spring with stainless steel cover plate	each	1525.00
7395	6 mm dia. M.S. adjustable hangers including clips (upto 1.2 m length)	each	28.00
7396	Double action hydraulic floor spring with brass cover plate	each	1675.00
7397	Base Jack	each	180.00
7398	Challies	each	800.00
7399	cup locks	each	75.00
7400	15 mm PTMT bib cock	each	100.00
7401	15 mm PTMT bib cock with flange (fancy)	each	140.00
7402	15 mm PTMT bib cock long body with flange	each	160.00
7403	15 mm dia PTMT stop cock(male thread)	each	100.00
7405	20 mm dia. PTMT stop cock	each	130.00
7406	PTMT pillar cock	each	160.00
7407	PTMT push cock 15 mm dia	each	90.00
7408	PTMT push cock 12 mm dia 20 mm BSP	each	90.00
7409	PTMT grating 100 mm dia	each	31.00
7410	PTMT Pillar cock (fancy) 15mm foam flow	each	225.00
7411	125 mm grating with waste hole	each	37.00
7412	Rectangular type with openable circular lid 150 mm size 18 mm high with 100 mm dia (110 gm)	each	101.00
7415	Double acting air valve 50 mm	each	3370.00
7416	Double acting air valve 80 mm	each	4930.00
7417	Double acting air valve 100 mm	each	6400.00
7418	Water meter (including testing charges) 80 mm	each	2030.00
7419	Water meter (including testing charges) 100 mm	each	3150.00
7420	Water meter (including testing charges) 150 mm	each	4560.00
7421	Water meter (including testing charges) 200 mm	each	5100.00
7422	Dirt box strainer 80 mm	each	2620.00
7423	Dirt box strainer 100 mm	each	4180.00

7424	Dirt box strainer 150 mm	each	5420.00
7425	Dirt box strainer 200 mm	each	7550.00
7426	Cat's eye	each	180.00
7427	Water stop Serrated with central bulb (225 mm wide, 8-11 mm thick)	metre	390.00
7428	Water stop Dumb bell with central bulb	metre	351.00
7429	Water stop Kickers	metre	360.00
7430	Wedge expansion hold fastner 1/4" or 6 mm	each	12.00
7431	Wedge expansion hold fastner 3/8" or 10 mm	each	14.00
7432	Wedge expansion hold fastner 1/2" or 12 mm	each	26.00
7439	8mm thick (mirror polished tiles machine cut edge) Raj Nagar white	sqm	480.00
7442	Wheel 75mm dia. 40mm wide	each	60.00
7443	Aluminium single cleat of size 30x32x3 mm	each	13.00
7444	Aluminium grip strip of size 50x12x2 mm	each	10.00
7445	25 mm prelaminated flush door both side decorative	sqm	790.00
7449	Aluminium U beading	kilogram	208.00
7451	Glass sheet (Pin headed) 4mm thick	sqm	255.00
7452	Raj Nagar plain- White Marble (table rubbed and polished 18mm thick Above 0.10 sqm upto 0.20 sqm)	sqm	610.00
7453	Raj Nagar plain- White Marble (table rubbed and polished 18mm thick Above 0.20 sqm upto 0.50 sqm)	sqm	680.00
7466	Second class deodar teak wood lipping 30mm width x 12mm	metre	30.00
7468	Veneered particle board with commercial veneering on both sides 12 mm thick	sqm	480.00
7477	Prelaminated particle board with one side decorative and other side balancing lamination, flat pressed 3 layer & graded (medium density) Grade I. Type II conforming to IS : 12823 (exterior grade) 12 mm thick	sqm	690.00
7478	Prelaminated particle board with one side decorative and other side balancing lamination, flat pressed 3 layer & graded (medium density) Grade I. Type II conforming to IS : 12823 (exterior grade) 18 mm thick	sqm	810.00
7479	Prelaminated particle board with one side decorative and other side balancing lamination, flat pressed 3 layer & graded (medium density) Grade I. Type II conforming to IS : 12823 (exterior grade) 25 mm thick	sqm	880.00
7480	Prelaminated particle board with both sides decorative lamination.flat pressed 3 layer & graded (medium density) Grade I. Type II conforming to IS : 12823 (exterior grade) 12 mm thick	sqm	720.00

7485	Oxidised M.S. hinges finished with nickle plating 50mm (Over all width)	metre	39.00
7486	Oxidised M.S. hinges finished with nickle plating 65mm (Over all width)	metre	49.00
7491	PTMT - Waste Coupling 31/32 mm	each	51.00
7492	PTMT - Waste Coupling 38/40 mm	each	64.00
7493	PTMT - Bottle Trap 31/32 mm	each	317.00
7494	PTMT - Bottle Trap 38/40 mm	each	345.00
7495	PTMT - Ball Cock 15 mm Complete with Epoxy Coated Aluminium Rod & H.D. Ball	each	134.00
7496	PTMT - Ball Cock 20mm Complete with Epoxy Coated Aluminium Rod & H.D. Ball	each	195.00
7497	PTMT - Ball Cock 25 mm Complete with Epoxy Coated Aluminium Rod & H.D. Ball	each	420.00
7498	PTMT - Ball Cock 40 mm Complete with Epoxy Coated Aluminium Rod & H.D. Ball	each	780.00
7499	PTMT - Ball Cock 50 mm Complete with Epoxy Coated Aluminium Rod & H.D. Ball	each	1150.00
7500	PTMT - Angle Stop cock with Flange 15 mm	each	130.00
7501	PTMT - Swiveling shower 15 mm	each	87.00
7503	PTMT - Liquid Soap Container of 400 ml capacity	each	145.00
7504	PTMT - Towel Ring 215x200x37 mm	each	116.00
7505	PTMT - Towel Rail (450 mm)	each	192.00
7506	PTMT - Towel Rail (600 mm)	each	226.00
7507	PTMT - Shelf 450x124x36 mm	each	258.00
7508	PTMT - Urinal Spreader 15 mm	each	127.00
7509	PTMT - Soap Dish/Holder 138x102x75 mm	each	120.00
7512	PTMT - handle 125x34x24 mm	each	30.00
7513	PTMT - handle 150x34x24 mm	each	34.00
7514	PTMT - butt hinges 75x60x10 mm	each	42.00
7515	PTMT - butt hinges 100x75x10 mm	each	56.00
7516	PTMT - Tower bolt 152x42x18 mm	each	65.00
7517	PTMT - Tower bolt 202x42x18 mm	each	90.00
7518	PTMT - door catcher 72x42 mm	each	27.00
7552	Coir Veneered board 4 mm thick	sqm	272.00
7553	Coir Veneered board 6 mm thick	sqm	367.00
7555	Coir Veneered board 12 mm thick	sqm	622.00
7556	Coir Veneered board 18 mm thick	sqm	950.00
7651	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 100 mm dia	metre	797.00
7652	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 150 mm dia	metre	1170.00

7653	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 200 mm dia	metre	1595.00
7654	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 250 mm dia	metre	2105.00
7655	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 300 mm dia	metre	2680.00
7656	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 350 mm dia	metre	3225.00
7657	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 400 mm dia	metre	4350.00
7658	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 450 mm dia	metre	5085.00
7659	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 500 mm dia	metre	6180.00
7660	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 600 mm dia	metre	7430.00
7661	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 700 mm dia	metre	10050.00
7662	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 750 mm dia	metre	11350.00
7663	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 800 mm dia	metre	11990.00
7664	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 900 mm dia	metre	14030.00
7665	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 1000 mm dia	metre	15750.00
7666	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 100 mm dia	ench	26.00
7668	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 150mm dia	ench	36.00
7669	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 200mm dia	ench	62.00
7670	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 250mm dia	ench	73.00
7671	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 300 mm dia	ench	103.00
7672	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 350 mm dia	ench	127.00
7673	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 400 mm dia	ench	234.00
7674	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 450 mm dia	ench	260.00
7675	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 500 mm dia	ench	285.00
7676	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 600 mm dia	ench	352.00
7677	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 700 mm dia	ench	542.00
7678	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 750 mm dia	ench	636.00
7679	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 800 mm dia	ench	684.00
7680	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 900 mm dia	ench	915.00
7681	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 1000 mm dia	ench	1138.00

7682	Ductile Iron K - 12 specials suitable for push on jointing upto 600 mm dia	quintal	11850.00
7683	Ductile Iron K - 12 specials suitable for push on jointing over 600 mm dia	quintal	16280.00
7684	Ductile Iron specials suitable for mechanical jointing as per I.S. 9523 - upto 600 mm dia	quintal	12540.00
7685	Ductile Iron Specials suitable for mechanical jointing as per I.S. 9523 over 600 mm dia	quintal	17580.00
7686	Ductile Iron Pipe Class K-9 flanges and welding 100 mm dia	metre	2025.00
7687	Ductile Iron Pipe Class K-9 flanges and welding 150 mm dia	metre	2825.00
7688	Ductile Iron Pipe Class K-9 flanges and welding 200 mm dia	metre	3740.00
7689	Ductile Iron Pipe Class K-9 flanges and welding 250 mm dia	metre	4935.00
7690	Ductile Iron Pipe Class K-9 flanges and welding 300 mm dia	metre	6330.00
7691	Ductile Iron Pipe Class K-9 flanges and welding 350 mm dia	metre	8020.00
7692	Ductile Iron Pipe Class K-9 flanges and welding 400mm dia	metre	9645.00
7693	Ductile Iron Pipe Class K-9 flanges and welding 450 mm dia	metre	11675.00
7694	Ductile Iron Pipe Class K-9 flanges and welding 500mm dia	metre	13895.00
7695	Ductile Iron Pipe Class K-9 flanges and welding 600mm dia	metre	18760.00
7696	Ductile Iron Pipe Class K-9 flanges and welding 700 mm dia	metre	23275.00
7697	S&S Centrifugally (Spun) C.I. Pipe class LA 100 mm dia	metre	830.00
7698	S&S Centrifugally (Spun) C.I. Pipe class LA 125mm dia	metre	1040.00
7699	S&S Centrifugally (Spun) C.I. Pipe class LA 150 mm dia	metre	1240.00
7700	S&S Centrifugally (Spun) C.I. Pipe class LA 200 mm dia	metre	2120.00
7701	S&S Centrifugally (Spun) C.I. Pipe class LA 250 mm dia	metre	2830.00
7702	S&S Centrifugally (Spun) C.I. Pipe class LA 300 mm dia	metre	3740.00
7703	S&S Centrifugally (Spun) C.I. Pipe class LA 350mm dia	metre	4500.00
7704	S&S Centrifugally (Spun) C.I. Pipe class LA 400mm dia	metre	5870.00
7705	S&S Centrifugally (Spun) C.I. Pipe class LA 450 mm dia	metre	7100.00
7706	S&S Centrifugally (Spun) C.I. Pipe class LA 500 mm dia	metre	8250.00
7707	S&S Centrifugally (Spun) C.I. Pipe class LA 600 mm dia	metre	11450.00
7708	S&S Centrifugally (Spun) C.I. Pipe Specials as per IS 1538 suitable for lead jointing up to 300 mm dia	quintal	5850.00
7709	S&S Centrifugally (Spun) C.I. Pipe Specials as per IS 1538 suitable for lead jointing over 300 mm dia	quintal	7500.00
7710	S&S Centrifugally (Spun) C.I. Pipe specials suitable for mechanical joint as per I.S. 13382 up to 300 mm dia	quintal	8200.00
7711	S&S Centrifugally (Spun) C.I. Pipe Specials suitable for mechanical joint as per IS 13382 over 300 mm dia	quintal	8880.00

7712	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 100 mm dia	metre	1260.00
7713	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 150 mm dia	metre	1960.00
7714	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 200 mm dia	metre	3170.00
7715	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 250 mm dia	metre	3730.00
7716	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 300 mm dia	metre	4770.00
7717	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 350 mm dia	metre	6080.00
7718	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 400 mm dia	metre	7890.00
7719	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 450 mm dia	metre	9940.00
7720	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 500 mm dia	metre	12390.00
7721	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 600 mm dia	metre	15330.00
7722	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 100 mm dia	metre	708.00
7723	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 150 mm dia	metre	1035.00
7724	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 200 mm dia	metre	1415.00
7725	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 250 mm dia	metre	1920.00
7726	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 300 mm dia	metre	2638.00
7727	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 350 mm dia	metre	3135.00
7728	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 400 mm dia	metre	3714.00
7729	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 450 mm dia	metre	4411.00
7730	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 500 mm dia	metre	5214.00
7731	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 600 mm dia	metre	6801.00
7732	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 700 mm dia	metre	8739.00
7733	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 800 mm dia	metre	11156.00
7734	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 900 mm dia	metre	14617.00
7735	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 1000 mm dia	metre	15485.00
7736	Extruded burnt flyash clay sewer bricks conforming to I.S 4885	1000nos	3900.00
7737	Fly ash lime bricks (FALG Bricks) conforming to I.S. 12894 - 1989	1000nos	3300.00
7738	Calcium Silicate Bricks machine moulded confirming to I.S.	1000nos	3600.00

	4139		
7739	Modified Bitumen Refinery produced CRMB - 55	toone	38,500.00
7741	Modified Bitumen Refinery produced CRMB - 60	toone	38,800.00
7742	Bitumen emulsion medium setting (M.S.) conforming to IS : 8887	toone	28,200.00
7800	Ceramic Glazed Tiles 1st Quality minimum thickness 5mm in all colours shades except Burgandy, Bottle Green, Black	sqm	295.00
7801	Ceramic Glazed Tiles 1st quality 300x300 mm in all shades & designs of White, Ivory, Fume Red Brown etc.	sqm	360.00
7802	Ceramic Glazed Tiles 1st quality 300x300 mm in all shades & designs except White, Ivory, Grey and Fume Red Brown etc.	sqm	367.00
7803	Ceramic Glazed Tiles 1st quality 300x300 or more in all shades designs White, Ivory, Grey and Fume Red Brown etc.	sqm	510.00
7804	Ceramic Glazed Tiles 1st quality 300x300 or more mm hi all shades designs except White, Ivory, Grey and Fume Red brown etc.	sqm	535.00
7805	Salem Stainless steel AISI - 304 (18/8) Orrisa pattern W.C. pan 724 mm X 578 mm	ench	3630.00
7806	Salem Stainless steel AISI - 304 (18/8) Round basin 405 mm X355 mm	ench	1690.00
7807	Salem Stainless steel AISI - 304 (18/8) Wash basin 530 mm X 345 mm each	ench	1470.00
7808	Centrifugally cast (spun) iron S&S 100 mm inlet and 100 mm outlet	ench	392.00
7809	Centrifugally cast (spun) iron S&S 100 mm inlet and 75 mm outlet	ench	424.00
7850	Agaria White marble slab plain 18 mm thick	ench	1090.00
7857	P.T.M.T. Grating square slit 150 mm	ench	77.00
7858	P.T.M.T. Urinal cock 15mm dia	ench	94.00
7859	P.T.M.T. Bib cock with nozzle 15 mm	ench	133.00
7861	P.T.M.T. Stop cock (concealed) 15 mm	ench	173.00
7862	15 mm nominal bore and 30 cm length PVC connection pipe with P.T.M.T. Nuts	ench	33.00
7863	15 mm nominal bore and 45 cm length PVC connection pipe with P.T.M.T. Nuts	ench	38.00
7864	P.T.M.T. extension nipple 15 mm	ench	32.00
7865	P.T.M.T. extension nipple 20 mm	ench	38.00
7866	P.T.M.T. extension nipple 25 mm	ench	57.00
7900	Modular common burnt clay bricks of class designation 7.5	1,000nos	3150.00
7901	Machine moulded perforated common burnt clay FPS (non modular) bricks of class designation 12.5	1,000nos	4150.00
7902	Machine moulded common burnt clay modular perforated bricks of class designation 12.5	1,000nos	3800.00

7903	Machine moulded common burnt clay FPS (non modular) bricks of class designation 12.5	1,000nos	3550.00
	class designation 12.5	1,000nos	
7904	Machine moulded common burnt clay tile bricks of class designation 12.5	1,000nos	3700.00
8001	24 mm thick Factory made shutters with styles, rails and panels of PVC extruded sections in white, grey or wooden finish	sqm	2025.00
8002	30 mm thick Factory made shutters with styles, rails and panels of PVC extruded sections in white, grey or wooden finish	sqm	2125.00
8003	Factory made PVC rigid foam panelled door shutter 30 mm thick	sqm	2025.00
8004	Factory made PVC rigid foam panelled shutters as per I S: 4020 i/c carriage	sqm	2420.00
8006	Factory made PVC rigid foam sheet 1 mm thick	sqm	173.00
8007	Factory made PVC rigid foam sheet 5 mm thick	sqm	632.00
8008	Factory made Prelaminated PVC rigid foam sheet 5 mm thick	sqm	752.00
8010	Factory made PVC Door frame 48x40x1.5 mm in white , grey or wooden finish	metre	142.00
8011	Factory made door frame <i>PVC</i> extruded sheet i/c carriage	metre	330.00
8012	Adhesive Solvent cement	litre	165.00
8100	Powder coated M.S. Butt Hinges 100x58x1.9mm	10 Nos	79.00
8200	APP modified Polymeric felt 1.5 mm thick	sqm	59.00
8201	APP modified Polymeric felt 2.0 mm thick	sqm	99.00
8203	A P.P. modified 2 mm thick membrane reinforced with glass fibre matt.	sqm	167.00
8204	A.P.P. modified 3 mm thick membrane reinforced with glass fibre matt.	sqm	207.00
8205	A.P.P. modified 3 mm thick membrane reinforced with polyester matt.	sqm	245.00
8206	Bitumen primer for bitumat membrane.	litre	71.00
8207	Geotextile 120 gsm membrane	sqm	32.00
8210	Stainless Steel 50mm long Screws	100 Nos.	240.00
8211	Stainless Steel 40mm long Screws	100 Nos.	195.00
8212	Stainless Steel 30mm long Screws	100. Nos.	145.00
8214	Stainless Steel 20mm long Screws	100 Nos.	95.00
8215	Stainless Steel 125x64x1.90mm Butt Hinge IS: 12817 marked	10 Nos.	240.00
8216	Stainless Steel 100x58x1.90mm Butt Hinge IS : 12817 marked	10 Nos.	215.00
8217	Stainless Steel 75x47x1.80mm Butt Hinge IS : 12817 marked	10 Nos.	145.00
8218	Stainless Steel 50x37x1.50mm Butt Hinge IS: 12817 marked	10 Nos.	125.00

8219	Stainless Steel 125x64x2.50mm Butt Hinge IS: 12817 marked	10 Nos.	320.00
8220	Stainless Steel 100x60x2.50mm Butt Hinge IS:12817 marked	10 Nos.	230.00
8221	Stainless Steel 75x60x2.50mm Butt Hinge IS: 12817 marked	10 Nos.	195.00
8222	M. S. heavy weight butt hinges 125x90x4.00mm (heavy weight) IS: 1341 marked	10 Nos.	320.00
8223	M. S. heavy weight butt hinges 100x75x3.50mm (heavy weight) IS: 1341 marked	10 Nos.	160.00
8224	M.S. heavy weigh butt hinges 75x60x3.10mm (heavy weight) IS: 1341 marked	10 Nos.	83.00
8225	M.S. heavy weight butt hinges 50x40x2.50mm (heavy weight) IS: 1341 marked	10 Nos.	70.00
8300	1216 mm PE-AL-PE Composite pressure pipe	metre	90.00
8301	1620 mm PE-AL-PE Composite pressure pipe	metre	111.00
8302	2025 mm PE-AL-PE Composite pressure pipe	metre	143.00
8303	2532 mm PE-AL-PE Composite pressure pipe	metre	193.00
8304	3240 mm PE-AL-PE Composite pressure pipe	metre	310.00
8305	4050 mm PE-AL-PE Composite pressure pipe	metre	335.00
8501	Polymer modified cementation coating	kilogram	127.00
8502	Fibre glass cloth	sqm	39.00
8503	Fibre glass cloth	sqm	44.08
8504	Multi surface paint	litre	272.00
8505	Acralyc exterior paint	litre	130.00
8506	Premium Acralyc exterior paint	litre	230.00
8507	Textured exterior paint	litre	198.00
8508	Primer for cement paint	litre	63.00
8509	Special Primer (C.W.)	litre	83.00
8510	Metal Primer (U.G.)	litre	107.00
8611	Main T ceiling sections 24x38x0.3 mm (3 meter long)	each	187.00
8612	Perimeter Wall angle 21 x21 mm (3 meter long)	each	118.00
8613	Intermediate Cross Channel (1.2 mtrs)	each	72.00

8614	Intermediate Cross Channel (1.6 mtrs)	each	34.00
8615	Hanger rod 0.5 mm thick	each	7.00
8616	Adjustment clip	each	6.00
8617	Soffit Cleat	each	3.00
8618	Dash fastener 6 mm dia 50 mm long	each	11.00
8620	Vitrified floor tiles 50x50 cm	sqm	735.00
8621	Vitrified floor tiles 60x60 cm	sqm	865.00
8622	Vitrified floor tiles 80x80 cm	sqm	1070.00
8623	Vitrified floor tiles 1 00x1 00 cm	sqm	1630.00
8625	Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 16 mm Outer dia	metre	32.00
8626	Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 20mm Outer dia	metre	50.00
8627	Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 25mm Outer dia	metre	76.00
8628	Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 32mm Outer dia	metre	124.00
8629	Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 40mm Outer dia	metre	196.00
8630	Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 50mm Outer dia	metre	286.00
8631	Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 63mm Outer dia	metre	445.00
8632	Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 75mm Outer dia	metre	640.00
8633	Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 90mm Outer dia	metre	1020.00
8634	Poly propylene- Random - Co - Polymer (PPR) pipes SDR -11- 110 mm Outer dia	metre	1070.00
8635	Poly propylene- Random - Co - Polymer (PPR) pipes SDR-11 - 160mm Outer dia	metre	2255.00
8636	Chlorinated Polyvinyl - chloride (CPVC) pipe 15 mm outer dia	metre	51.00
8637	Chlorinated Polyvinyl - chloride (CPVC) pipe 20 mm outer dia	metre	63.00
8638	Chlorinated Polyvinyl - chloride (CPVC) pipe 25 mm outer dia	metre	90.00
8639	Chlorinated Polyvinyl - chloride (CPVC) pipe 32 mm outer dia	metre	120.00
8640	Chlorinated Polyvinyl - chloride (CPVC) pipe 40 mm outer dia	metre	170.00
8641	Chlorinated Polyvinyl - chloride (CPVC) pipe 50 mm outer dia	metre	280.00
8642	Chlorinated Polyvinyl - chloride (CPVC) pipe 62.5 mm inner dia	metre	835.00
8643	Chlorinated Polyvinyl - chloride (CPVC) pipe 75 mm inner dia	metre	1185.00
8644	Chlorinated Polyvinyl - chloride (CPVC) pipe 100 mm inner dia	metre	1640.00
8645	Chlorinated Polyvinyl - chloride (CPVC) pipe 150 mm inner dia	metre	2870.00

8646	Silicon sealant	cartridge	307.00
8647	Stainless steel screws 30mmx4mm	cent	29.00
8648	Hermetically sealed double glazed unit made with 6mm thick clear float glass both side having 12 mm air gap	sqm	2290.00
8649	Stainless steel (ss 304 grade) adjustable friction windows stay 205x19mm	each	168.00
8650	Stainless steel (ss 304 grade) adjustable friction window stay 255x19mm	each	189.00
8651	Stainless steel (ss 304 grade) adjustable friction window stay 355x19mm	each	236.00
8652	Stainless steel (ss 304 grade) adjustable friction window stay 510x19mm	each	437.00
8653	Stainless steel (ss 304 grade) adjustable friction window stay 710x19mm	each	793.00
8654	Masking tape	metre	1.55
8655	Autoclaved aerated cement (aac) blocks.	cum	2025.00
8656	Gypsum panel 666x500x100 mm size	sqm	455.00
8657	Bonding laster for gypsum panel.	kg	53.00
8658	Mechanised autoclaved fly ashlimebricks.	1000 nos	4300.00
8659	Water proof ply 12 mm thick.	sqm	645.00
8660	Aluminium casement window fastener(anodised ac 15)	each	40.00
8661	A'uminium casement window fastener(powder coated).	each	41.00
8662	Aluminium casement window fastener (polyester powder coated).	each	42.00
8663	Aluminium round shpe handle (anodised ac" 15)	each	49.00
8664	Aluminium round shpe handle (powder coated)	each	54.00
8665	Aluminium round shape handle (polyester powder coated).	each	59.00
8666	Stainless steel ocrews 25mmx4mm	cent	32.00
8667	UV-stabilised 2 mm thick plain frp sheet.	sqm	465.00
8668	UV stabilised 2 mm thick corrugated frp sheet.	sqm	538.00
8669	Mangalore ridgetiles 20 mm thick	each	29.00
8670	Mangalore tiles 20 mm thick.	each	10.20
8671	Precoated galvanised iron rpflesheet 0.50 mm tct	sqm	435.00
8672	Precoated galvanised steel plain ridges.	metre	440.00
8673	Precoated galvanised steel flashings/aprons.	metre	440.00
8674	Precoated galvanised steel gutter	metre	455.00
8675	Precoated galvanised steel north light curves.	metre	455.00
8676	Precoated galvanised steel barge board	metre	445.00

8677	Precoated galvanised steel crimp curve	sqm	475.00
8678	1 mm thick 35 mm wide bright finished stainless steel paino hinges.	metre	37.00
8683	Red sand stone gang saw cut 30 mm thick.	sqm	400.00
8684	White sand stone gang saw cut 30 mm thick.	sqm	435.00
8685	Delineator	each	310.00
8686	Precast c.c. kerb stone (iv25	cum	4025.00
8687	Thermoplastic paint	kg	63.00
8688	glass beads	kg	62.00
8689	Interlocking c.c. paverblock (60 mm thick, m-30)	sqm	325.00
8690	High intensity retro-reflective sheet.	sqm	1525.00
8691	Punched tape concertina coil 600 m dia. 10m openable length (total length 90 m)	bundle	730.00
8692	RBT reinforced barbed wire.	metre	8.50
8693	Turn buckle and strengthening bolte	each set	40.00
8694	Precast pavement slab 450x450x50 mm (m-30).	each	55.00
8695	Chain link fabric fencing mesh of size 50x50xmm made of g.i. wire of dia. 4mm, pvc coated to outer dia. 5mm.	sqm	258.00
8696	Chain lind fabric fencing mesh of size 25x25xmm made of g.i. wireof dia. 3 mm.	sqm	285.00
8697	Chain link fencing mesh of size 25x25 mm made of g.i. wire of dia. 3 mm.	sqm	340.00
8698	Stainless steel cramps with nuts, bolts and washer for dry stone cladding.	each	84.00
8699	8 mm thick tapered edge calcium silicated board.	sqm	223.00
8700	10 mm thick calcium silicate board.	sqm	370.00
8703	Telescopic drawer channels 300 mm long.	set	135.00
8704	Stainless steel roller for sliding arrangement in racks/cupboards/cabinets shutter.	each	8.00
8705	50 mm x42mm x2 mm thick factory made door frame of pvc extruded sections in whiter, grey or wooden finish	metre	135.00
8706	25mm thick factory made pvc flush door shutter i/c carriage.	sqm	2050.00
8707	Factory made glass reinforced plastic door frame 90x45 mm i/c carriage.	metre	365.00
8708	30 mm thick factory made glass fiber reinforced plastic panel door shutter i/c carriage.	sqm	1715.00
8710	Factory made solid pvc door frame 60x30xmm i/c cariage.	metre	270.00
8711	28 mm factory made solid pvc panel door shutter i/c carriage.	sqm	2120.00

8713	Fiber glass reinforced plastic chajja.	sqm	3460.00
8714	Magnetic catcher triple strip horizontal type.	each	15.00
8715	Magnetic catcher double strip horizontal type.	each	12.00
8716	100 mm mortice lock with 6 levers for aluminium door.	each	310.00
8717	12.5 mm thick glass fibre reinforced gypsum board.	sqm	160.00
8719	2nd class teak wood lipping/moulded beading or taj beading of size,18x5mm	metre	25.00
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	39.00
8721	Perimeter channel having one flange of 20 mm and another flange of 30 mm with thickness of 0.55 mm and web of length 27 mm.	metre	25.00
8722	Nylon sleeves & wooden screws (40mm)	each	1.90
8723	Counter sunk ribbed head screw 25 mm.	cent	72.00
8724	12 mm thick marine plywood conforming to is: 710	sqm	825.00
8725	12 mm thick fire retardant plywood conforming to is:5509.	sqm	860.00
8726	1.5 mm thick decorative laminated sheet	sqm	475.00
8727	1.0 mm thick decorative laminated sheet	sqm	350.00
8730	30 mm thick factory made glass fiber reinforced plastic flush door shutter i/c carriage.	sqm	1975.00
8731	High polymer modified quickset tile adhesive.	per kg	16.00
8732	Synthetic ployster triangular fibre of length 12 mm, effective diameter 10-40 microns and specific gravity of 1:34 to 1:40	kg	365.00
8733	Synthetic ployster triangular fibre of length 6 mm, effective diameter 10-40 microns and specific gravity of 1.34 to 1.40	kg	365.00
9999	Sundries	L.S.	1.49
0842	Ready mix paint for wood work	Per litre	191.05
0843	Ready mix paint for steel work	Per litre	191.05
0288	Brick Khoa	Per m3	1071.00
1002	<u>Mild steel round bar 12mm dia and below</u>	quintal	4866.75
1007	Structural steel	quintal	4809.00
0993	Plain A.C sheet standard quality(6mm thick)	sqm	171.88

NEW CODES

0303	Cowdung	cum	47.00
0801	Silicon and acrylic emulsion	litre	140.00
0802	Acrylic distemper 1st quality , having VOC content less than 50gm/litre	Kg	38.00

0803	Acrylic emulsion , having VOC content less than 50 gm/litre	litre	200.00
0804	Premium acrylic emulsion of interior grade, having VOC content less than 50 gm/litre	litre	350.00
0805	Synthetic enamel paint , having VOC (Volatile Organic Compound) content less than 150 gm/litre	litre	180.00
0806	Ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 gms/litre	litre	103.00
0807	Ready mixed red oxide zinc chromatic on steel/ iron work, having VOC content less than 250 gms/litre	litre	125.00
0808	Water thinnable cement primer for interior wall surface, having VOC content less than 50 gms/litre	litre	55.00
0824	Cement base wall care putty	kg	23.50
1011	Steel glazed door,window/ ventilator, all members viz. F7D, F4B,K11 and K12B etc	kg	48.00
1200	Kiln seasoned selected sheesham wood planks	10 cudm	650.00
1204	Precast heat resistant terrace tiles (size 300x300 mm) and 20 mm thick	sqm	482.00
2393	1 mm thick Stainless Steel Cover plate grade 304	kg	275.00
2394	Coupler 16 mm dia	sqm	67.50
2395	Coupler 20 mm dia	sqm	87.75
2396	Coupler 25 mm dia	sqm	129.50
2397	Coupler 28 mm dia	sqm	191.25
2398	Coupler 32 mm dia	sqm	230.50
2408	Float glass sheet of nominal thickness 8 mm (weight not less than 20.00 kg/ sqm)	sqm	700.00
2413	12 mm commercial ply	sqm	580.00
2414	18 mm thick block board with commercial ply veneering on both side	sqm	700.00
2506	Carben Steel galvanised dash fastner (min 5 micron) of 10 mm diadouble threaded 6.8 grade counter sunk head screw comprising of 10 mmdia polyamide PA 6 grade sleeve. Size 10 mm x 60 mm	10nos	250.00
2507	Carben Steel galvanised dash fastner (min 5 micron) of 10 mm diadouble threaded 6.8 grade counter sunk head screw comprising of 10 mmdia polyamide PA 6 grade sleeve. Size 10 mm x 80 mm	10nos	293.00
2508	Carben Steel galvanised dash fastner (min 5 micron) of 10 mm diadouble threaded 6.8 grade counter sunk head screw comprising of 10 mmdia polyamide PA 6 grade sleeve. Size 10 mm x120 mm	10nos	364.00
2509	Carben Steel galvanised dash fastner (min 5 micron) of 10 mm diadouble threaded 6.8 grade counter sunk head screw comprising of 10 mmdia polyamide PA 6 grade sleeve. Size 10 mm x140 mm	10nos	425.00
2510	Carben Steel galvanised dash fastner (min 5 micron) of 10 mm diadouble threaded 6.8 grade counter sunk head screw comprising of 10 mmdia polyamide PA 6 grade sleeve. Size 10 mm x160 mm	10nos	560.00
2708	Truf Paver (500 x 500 x 40 mm)	sqm	1080.65

2709	Ceremic Tiles Pieces for Crazy Flooring	quintal	130.00
3327	15 mm Battery Based Sensor Pillar Cock	each	5822.50
4001	Stainless steel (Grade-304)hollow section round/square tubes	kg	325.00
4002	Stainless steel bolts/square bar and plates	kg	120.00
7007	Fly Ash Bricks as per IS 12894(2002) & IS 3425(I to IV)	per 1000	4305.00
7028	12.5 mm thick Fully Perforated gypsum board	sqm	927.00
7030	12.5 mm thick tapered edge gypsum fire resistant board	sqm	237.00
7031	12.5 mm thick tapered edge gypsum moisture resistant board	sqm	271.00
7050	PU Primer	sqm	40.75
7051	40 mm (average) PU spray having 40-45 kg/m3 density	sqm	419.40
7052	GI wire netting 3/4" x 24 G	sqm	26.25
7053	400 G polythene sheet	sqm	15.00
7072	Wall mounted water closet	each	4548.00
7073	Adjustable Vetricious China Cistern with fittings	each	2409.60
7074	White Vetricious China Waterless Urinal	each	13208.00
7075	Cistern with fittings for Waterless Urinal	each	3029.60
7076	White Vetricious Urinal	each	12592.75
7178	Chemical ASTM C-type I	kg	100.00
7280	Waste plastic additive	tonne	40000.00
7281	Chemical ASTM C-type II	kg	160.00
7743	M.S. pipe 150 mm dia casing pipe	metre	1042.00
7744	M.S. pipe 200 mm dia casing pipe	metre	1250.00
7745	PVC blind pipe 150 mm dia as per IS: 12818	metre	460.00
7746	PVC blind pipe 200 mm dia as per IS: 12818	metre	834.75
7747	M.S. cap 150 mm dia	each	150.00
7748	M.S. cap 200 mm dia	each	180.00
7749	M.S. bail plug 150 mm dia	each	170.00
7750	M.S. bail plug 200 mm dia	each	200.00
7751	PVC slotted pipe 150 mm dia as per IS: 12818	metre	465.15
7752	PVC slotted pipe 200 mm dia as per IS: 12818	metre	840.00
7753	Boulder 50 mm to 200 mm	cum	332.00
7754	Gravel 5 mm to 10 mm	cum	650.00
7755	Gravel 1.5 mm to 2 mm	cum	625.00
7756	Gravel 3 mm to 6 mm	cum	650.00
7757	M.S. pipe 100 mm dia casing pipe	metre	750.00
7758	uPVC blind pipe 100 mm dia as per IS: 12818	metre	385.00
7759	uPVC slotted pipe 100 mm dia as per IS: 12818	metre	390.00
7760	M.S. cap 100 mm dia	each	120.00
7761	M.S. bail plug 100 mm dia	each	140.00
7762	Precast R.C.C. perforated slab	each	750.00
7763	Water supply tanker of 5000 litre capacity	each	600.00
7764	M.S. socket 100 mm dia	each	165.00
7765	M.S. socket 150 mm dia	each	200.00
7766	M.S. socket 200 mm dia	each	250.00

7767	Stone cleaning chemical approved by ASI	litre	164.01
7768	Water repellent chemical approved by ASI	litre	1586.25
7769	Stone surface strengthening chemical approved by ASI	litre	1017.17
7770	Turpentine oil	litre	67.50
7771	Liquid Amonia 5%	litre	160.80
7772	Pea Gravel	cum	650.00
8014	Factory made door frame of size 50x47 mm with wall thickness 5 mmmade of single piece extruded profile	metre	450.00
8589	Calcium Silicate tegular edged ceiling tiles 595x595 mm and 15 mm thick	sqm	858.00
8590	Galvanised Steel main Tee ceiling section Size 24 x 38 x 0.33 mm(3 metre long)	each	192.00
8591	Galvanised Steel perimeter wall Angle Size 24 x 24 x 0.40 mm (3.00metre long)	each	125.00
8592	Galvanised Steel intermediate cross T section Size 24 x 25 x 0.33 mm(1.2 metre long)	each	77.00
8593	Galvanised Steel intermediate cross T section Size 24 x 25 x 0.33 mm (0.6 metre long)	each	39.00
8594	Galvanised Steel soffit cleat size 25x35x1.60 mm	each	3.00
8595	Wooden screws with plastic rawl plugs 35x8 mm	each	0.55
8597	GI Metal Tile Clip in Plain Beveled edge global white colour tiles of size 600x600 mm and 0.5 mm thick	sqm	894.00
8598	GI Metal Tile Clip in Perforated Beveled edge global white colour tiles of size 600x600 mm and 0.5 mm thick	sqm	998.00
8599	GI Metal Tile Lay-in Plain Tegular edge global white color tiles of Size595x595 mm and 0.5 mm thick	sqm	809.00
8600	GI Metal Tile Lay-in Perforated Tegular edge global white color tiles ofSize 595x595 mm and 0.5 mm thick	sqm	906.00
8601	PVC Laminated Gypsum Tiles (Square edge) of Size 595x595 mm and 12.5 mm thick	sqm	468.00
8602	Gypsum Tiles Fully Perforated Square edge of Size 595x595 mm and 12.5 mm thick	sqm	484.00
8604	Spring T-section 24x34x0.45 mm (3.00 meter long)	metre	180.00
8605	C Wall angle section 20x30x20x0.50 mm (3.00 meter long)	metre	155.00
8606	Main C Carrier Size 10x38x10x0.70 mm (3.00 meter long)	metre	164.00
8607	Spring T-connector	each	5.00
8608	C Carrier Connector	each	11.00
8609	C Suspension Clip	each	11.00
8610	Wire Coupling Clip	each	9.00
8682	Epoxy Grout	kg	500.00
8709	30 mm thick factory made solid PVC profile panelled door single piece extruded profile decorative finish (wood grain printed on both side)	sqm	2500.00
8712	30 mm thick factory made solid PVC profile panelled door single piece extruded profile non decorative finish	sqm	2120.00
8734	P.V.C. Single piece extruded door frame of profile size 50 mm x 47 mm with wall thickness of 5 mm	metre	340.00

8735	35 mm thick factory made solid panel PVC door shutter of single piece extruded profile non decorative finished (Matt finished)	sqm	2088.00
8736	35 mm thick factory made solid panel PVC door shutter of singlepiece extruded profile decorative finished (Wood grain finished)	sqm	2536.00
8737	Stainless steel wire guage (Grade-304) aperture 1.4 mm and 0.50 mm dia wire	sqm	760.00
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	978.00
8739	Fire rated door shuttere made with 16 SWG G.I. sheet (60 minutes) without panel	sqm	4850.00
8740	Fire seal Putty	kg	675.00
8741	Clear fire resistant glass panes 6mm thick (60 minutes)	sqm	19800.00
8742	G.I. U beading of 16 SWG G.I. sheet (zinc coating >120gm/m2) with ceramic tape of suitable thickness and fire resistant primer coating	metre	247.00
8743	Matrix Mineral Board	metre	61.85
8744	Panic Bar / latch (Double point)	each	5000.00
8745	65 mm x 55 mm x 2 mm thick Factory made door frame of PVCextruded section in white,grey or wooden finish	metre	318.00
8746	37 mm thick Factory made shutter with style,rails and panels of PVCextruded section in white or grey finish i/c carriage	sqm	2225.00
8747	75 mm x 53 mm x 2.0 mm thick Factory made door frame of PVCextruded section in white,grey or wooden finish	metre	327.00
8748	37 mm thick Factory made fusion welded shutter with style, rails and panels of PVC extruded section in wooden finish	sqm	2300.00
8750	Zinc alloy (white powder coated) casement handle for uPVC windows	each	150.00
8751	Zinc alloy (white powder coated) Touch Lock for uPVC windows	each	100.00
8752	Zinc alloy rollers for uPVC windows	each	50.00
8753	Zinc alloy rollers for uPVC door	each	80.00
8754	Zinc alloy (white powder coated) casement lock for uPVC windows	each	100.00
8755	Stainless steel friction hinge of size 200 mm x 19 x 1.9 mm for UPVC windows	each	225.00
8756	Stainless steel friction hinge of size 250 mm x 19 x 1.9 mm for UPVC windows	each	275.00
8757	Stainless steel friction hinge of size3000 mm x 19 x 1.9 mm for UPVC windows	each	350.00
8758	Stainless steel friction hinge of size350mm x 19 x 1.9 mm for UPVC windows	each	400.00
8759	Stainless steel friction hinge of size 400 mm x 19 x 1.9 mm for UPVC windows	each	500.00
8760	UPVC extruded profile casement window Frame (50 mm x 50 mm)	metre	158.00
8761	UPVC extruded profile casement window sash (Style and Rail) (62 mm x34 mm)	metre	145.00

8762	UPVC extruded profile casement window mullion (intermediate section)(66 mm x 50 mm)	metre	175.00
8763	UPVC extruded profile casement window 'T' profile (one vertical lengthin between two shutters) (24 mm x 34.5 mm)	metre	46.00
8764	UPVC extruded profile casement window glazing bead (12 mm x 18mm)	metre	46.00
8765	UPVC extruded profile casement window Frame (67 mm x 62 mm)	metre	225.00
8766	UPVC extruded profile casement Window Sash/Mullion (67 mm x 75mm) (Style,rail and intermediate section)	metre	250.00
8767	UPVC extruded profile casement window glazing bead (35 mm x 18mm)	metre	78.00
8768	UPVC extruded profile Two Track Sliding frame (67 mm x 52 mm)	metre	235.00
8769	UPVC extruded profile Sliding window Sash (60 mm x 44 mm)	metre	212.00
8770	UPVC extruded profile Sliding Interlock for Window (one vertical lengthin each shutter) (45.5 mm x 28 mm)	metre	45.00
8771	UPVC extruded profile Sliding Door Sash (80 mm x 44 mm)	metre	275.00
8772	Aluminium Track on bottom rail for uPVC window	metre	20.00
8773	Wool Pine for uPVC window	metre	15.00
8774	Aluminium Grill	metre	250.00
8775	Steel Galvanised tubular reinforcement for uPVC door/ window	metre	50.00
8776	Stainless steel dash fastener of 8 mm dia and 75 mm long bolt	each	20.00
8778	Toughened glass 12 mm thickness	sqm	1800.00

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 Volume or weight col 3*col 4
1	2	3	4	5
1	line,Moorum and building rubbish	6.00M ³	1.00	6.00 M2
2	Earth	6.00M ³	0.80	4.80 M2
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	8.00M.T	1.00	8.00MT
15	steem coal	8.00 MT	1.00	8.00MT
16	S.W.pipe 60 cm,length			
(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

17	R.C.C pipe and A.C pipe			
(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
18	Bamboos			
(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
20	Sal bullah Av 6M			
(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
21	Steel and C.I.Pipe 3.66 M			
(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	25.62
(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		Loading and Unloading of Stone Boulder/Stone aggregates/Sand/Kanker/Moorum.	cum				
		Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip					
		<i>Unit = cum</i>					
		<i>Taking output = 5.5 cum</i>					
		Time required for					
		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			20 Min		
		a) Machinery					
		Tipper 5.5 tonnes capacity	hour	0.330	708.00	233.64	P &M 048
		Front end-loader 1 cum bucket capacity @ 25 cum/hour	hour	0.330	963.00	317.79	P &M 017
		b) Overhead charges @ 0.1 on (a)				55.14	
		c) Contractor's profit @ 0.1 on (a+b)				60.66	
		Cost for 5.5 cum = a+b+c					667.23
		Rate per cum = (a+b+c)/ 5.5					121.31
	Note	Unloading will be by tipping.			say	<u>Rs.121.00</u>	
1.2		Loading and Unloading of Boulders by Manual Means					
		<i>Unit = cum</i>					
		<i>Taking output = 5.5 cum</i>					
		a) Labour					
		Mate	day	0.110	163.00	17.93	L-12
		Mazdoor for loading and unloading	day	0.750	151.00	113.25	L-13
		b) Machinery					
	Tipper 5.5 tonne capacity	hour	0.750	708.00	531.00		

	c) Overhead charges @ 0.1 on (a+b)					66.22	
	d) Contractor's profit @ 0.1 on (a+b+c)					72.84	
	Cost for 5.5 cum = a+b+c+d					801.24	
	Rate per cum = (a+b+c+d)/5.5					145.68	
					say	<u>Rs.146.00</u>	
	Note	Unloading will be by tipping.					
1.3	Loading and Unloading of Cement or Steel by Manual Means and Stacking.						
	<i>Unit = tonne</i>						
	<i>Taking output = 10 tonnes</i>						
	a) Labour						
	Mate	day	0.080	163.00		13.04	L-12
	Mazdoor for loading and unloading	day	2.000	151.00		302.00	L-13
	b) Machinery						
	Truck 10 tonne capacity	hour	2.000	499.00		998.00	
	c) Overhead charges @ 0.1 on (a+b)					131.30	
	d) Contractor's profit @ 0.1 on (a+b+c)					144.43	
	Cost for 10 tonnes = a+b+c+d					1588.78	
	Rate per tonnes = (a+b+c+d)/10					158.88	
					say	<u>Rs.159.00</u>	
1.4	Cost of Haulage Excluding Loading and Unloading						
	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.						
	Tipper 10 tonne capacity						
	Time taken for onward haulage with load	hour	0.400	708.00		283.20	
	Time taken for empty return trip.	hour	0.290	708.00		205.32	
	b) Overhead charges @ 0.1 on (a)					48.85	
	c) Contractor's profit @ 0.1 on (a+b)					53.74	

		cost for 100 t km = a+b+c				591.11
		Rate per t.km = (a+b+c)/100				5.91
					say	<u>Rs.5.90</u>
1.4	(ii)	Unsurfaced Graveled Road				
		Speed with load: 20 km / hour				
		Speed for empty return trip :30 km / hour				
		a) Machinery				
		Tipper 10 tonnes capacity				
		Time taken for onward haulage with load	hour	0.500	708.00	354.00
		Time taken for empty return trip	hour	0.330	708.00	233.64
		b) Overhead charges @ 0.1 on (a)				58.76
		c) Contractor's profit @ 0.1 on (a+b)				64.64
		Cost for 100 t .km = a+b+c				711.04
		Rate per t.Km = (a+b+c)/100				7.11
					say	<u>Rs.7.10</u>
1.4	(iii)	Katcha Track and Track in River Bed/Nallah Bed and Choe Bed.				
		Speed with load :10 km / hour				
		Speed while returning empty:15 km / hour				
		a) Machinery				
		Tipper 10 tonnes capacity				
		Time taken for onward haulage	hour	1.000	708.00	708.00
		Time taken for empty return trip	hour	0.670	708.00	474.36
		b) Overhead charges @ 0.1 on (a)				118.24
		c) Contractor's profit @ 0.1 on (a+b)				130.06
		Cost for 100 t .km = a+b+c				1430.66
		Rate per t.Km = (a+b+c)/100				14.31
					say	<u>Rs.14.30</u>

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		Loading and Unloading of Stone Boulder/Stone aggregates/Sand/Kanker/Moorum.	cum				
		Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip					
		Unit = cum					
		Taking output = 2.25 cum					
		Time required for					
		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			
		a) Labour					
		Mate	day	0.030	163.00	4.89	L-12
		Mazdoor for loading and unloading	day	0.720	151.00	108.72	L-13
		Total		6 Min			
		a) Machinery					
		Tractor 3.6 tonnes tonnes capacity	hour	0.100	352.00	35.20	P &M 048
		Front end-loader 1 cum bucket capacity @ 25 cum/hour	hour	0.083	963.00	79.93	P &M 017
		c) Overhead charges @ 0.1 on (a+b)				22.87	
		d)Contractor's profit @ 0.1 on (a+b+c)				25.16	
		Cost for 2.25 cum = a+b+c+d				276.77	
		Rate per cum = (a+b+c+d)/2.25				123.01	
					say	<u>Rs.123.00</u>	
		Note	Unloading will be by tipping.				
1.2		Loading and Unloading of Boulders by Manual Means					
		Unit = cum					
		Taking output =2.25cum					
		a) Labour					
		Mate	day	0.050	163.00	8.15	L-12
		Mazdoor for loading and unloading	day	0.310	151.00	46.81	L-13

	b) Machinery					
	Tipper 3.6 tonne capacity	hour	0.310	352.00	109.12	
	c) Overhead charges @ 0.1 on (a+b)				16.41	
	d) Contractor's profit @ 0.1 on (a+b+c)				18.05	
	Cost for 2.25 cum = a+b+c+d				198.54	
	Rate per cum = (a+b+c+d)/2.25				88.24	
	Note			say	<u>Rs.88.00</u>	
1.3	Loading and Unloading of Cement or Steel by Manual Means and Stacking.					
	Unit = tonne					
	Taking output = 3.6 tonnes					
	a) Labour					
	Mate	day	0.030	163.00	4.89	L-12
	Mazdoor for loading and unloading	day	0.720	151.00	108.72	L-13
	b) Machinery					
	Tractor of 3.6 tonnes capacity	hour	0.720	352.00	253.44	
	c) Overhead charges @ 0.1 on (a+b)				36.71	
	d) Contractor's profit @ 0.1 on (a+b+c)				40.38	
	Cost for 10 tonnes = a+b+c+d				444.13	
	Rate per tonnes = (a+b+c+d)/2.25				123.37	
				say	<u>Rs.123.00</u>	
1.4	Cost of Haulage Excluding Loading and Unloading					
	Haulage of materials by tipper excluding cost of loading, unloading and stacking.					
	Unit = t.km					
	Taking output 3.6 tonnes load and lead 10 km = 36 t.km					
	(i) Surfaced Road					
	Speed with load :15 km / hour.					
	Speed while Returning empty :25 km / hour.					
	a) Machinery.					
	Tractor 3.6 tonne capacity					
	Time taken for onward haulage with load	hour	0.667	352.00	234.78	
	Time taken for empty return trip.	hour	0.400	352.00	140.80	
	b) Overhead charges @ 0.1 on (a)				37.56	
	c) Contractor's profit @ 0.1 on (a+b)				41.31	
	cost for 36 t km = a+b+c				454.46	
	Rate per t.km = (a+b+c)/36				12.62	

					say	<u>Rs.12.60</u>
1.4	(ii)	Unsurfaced Graveled Road				
		Speed with load: 12 km / hour				
		Speed for empty return trip :20 km / hour				
		a) Machinery				
		Tractor 3.6 tonne capacity				
		Time taken for onward haulage with load	hour	0.833	352.00	293.22
		Time taken for empty return trip	hour	0.500	352.00	176.00
		b) Overhead charges @ 0.1 on (a)				46.92
		c) Contractor's profit @ 0.1 on (a+b)				51.61
		cost for 36 t km = a+b+c				567.75
		Rate per t.km = (a+b+c)/36				15.77
						say
1.4	(iii)	Katcha Track and Track in River Bed/Nallah Bed and Choe Bed.				
		Speed with load :10 km / hour				
		Speed while returning empty:15 km / hour				
		a) Machinery				
		Tractor 3.6 tonne capacity				
		Time taken for onward haulage	hour	1.000	352.00	352.00
		Time taken for empty return trip	hour	0.667	352.00	234.78
		b) Overhead charges @ 0.1 on (a)				58.68
		c) Contractor's profit @ 0.1 on (a+b)				64.55
		cost for 36 t km = a+b+c				710.01
		Rate per t.km = (a+b+c)/36				19.72
						say

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

<i>BUILDING WORK - Contd.</i>			
<u>2.0 Earth work</u>			
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	2338.30
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	178.10
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	112.50
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	2.40
2.5	Deduct for not watering the excavated earth for banking.	cum	21.20
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	157.00
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	244.80
2.7.2	Hard rock (requiring blasting)	cum	333.20
2.7.3	Hard rock (blasting prohibited)	cum	522.90

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	160.60
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 soils as directed, within a lead of 50 m .			
2.9.1	Ordinary rock		cum	271.10
2.9.2	Hard rock (requiring blasting)		cum	372.50
2.9.3	Hard rock (Blasting Prohibited)		cum	540.00
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	100.30
2.10.1.2	Pipes, cables etc. exceeding 80 mm dia . But not exceeding 300mm dia.		m	163.90
2.10.1.3	Pipes , cables etc. exceeding 300m dia.		m	255.80
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	152.80
2.13.1.2	Pipes, cables etc exceeding 80 mm dia but not exceeding 300 mm dia	m length of pipe	378.40
2.13.1.3	Pipes, cables etc exceeding 300 mm dia	m length of pipe	435.50
2.13.2	Hard rock (requiring blasting)		
2.13.2.1	Pipes, cables etc. not exceeding 80 mm dia.	m length of pipe	202.60
2.13.2.2	Pipes, cables etc. exceeding 80 mm dia, but not exceeding 300 mm dia.	m length of pipe	501.60
2.13.2.3	Pipes, cables etc. Exceeding 300 mm dia.	m length of pipe	577.30
2.13.3	Hard rock (blasting prohibited)		
2.13.3.1	Pipes, cables etc. not exceeding 80 mm dia.	m length of pipe	279.90
2.13.3.2	Pipes, cables etc. exceeding 80 mm dia. But not exceeding 300 mm dia.	m length of pipe	693.10
2.13.3.3	Pipes, cables etc. exceeding 300 mm dia.	m length of pipe	797.80
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	102.20
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	252.60
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	99.00
2.16.2	Depth exceeding 1.5 m but not exceeding 3 m.	sqm	101.70
2.16.3	Depth exceeding 3m but not exceeding 4.5 m	sqm	107.70
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	100.70
2.17.2	Depth exceeding 1.5 m but not exceeding 3 m	sqm	106.40
2.17.3	Depth exceeding 3 m but not exceeding 4.5 m	sqm	112.40
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	87.00

	2.18.2	Depth exceeding 1.5 m but not exceeding 3 m	sqm	90.30
	2.18.3	Depth exceeding 3 m but not exceeding 4.5 m.	sqm	93.60
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	1338.80
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	50.90
	2.20.2	Depth exceeding 1.5 m but not exceeding 3 m	sqm	52.60
	2.20.3	Depth exceeding 3 m but not exceeding 4. m.	sqm	55.40
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	42.60
	2.21.2	Depth exceeding 1.5 m but not exceeding 3 m	sqm	45.30
	2.21.3	Depth exceeding 3 m but not exceeding 4.5 m	sqm	48.90
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	28.70
	2.22.2	Depth exceeding 1.5 m but not exceeding 3 m	sqm	30.50
	2.22.3	Depth exceeding 3 m but not exceeding 4.5 m	sqm	33.40
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	688.70
2.25	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.		Kl	52.60
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	51.80
2.27	Extra for every additional lift of 1.5 m or part thereof in :			
	2.27.1	All kinds of soil.	cum	21.40
	2.27.2	Ordinary or hard rock	cum	38.40

2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.		cum	180.20
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	577.50
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 soil .	100sqm	579.20
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	81.30
	2.31.3	Ordinary rock	hole	137.00
	2.31.4	Hard rock(requiring blasting)	hole	187.40
	2.31.5	Hard rock (blasting prohibited)	hole	271.20
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	297.60
2.33	Clearing grass and removal of the rubbish upto a distance of 50 m outside the periphery of the area cleared.		100sqm	151.80
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	90.40
	2.34.2	Beyond 60 cm girth upto and including 120 cm girth	tree	402.20
	2.34.3	Beyond 120 cm girth upto and including 240 cm girth	tree	1865.40
	2.34.4	Above 240 cm girth	tree	3738.00
2.35	Supplying chemical emulsion in sealed containers including delivery as specified.			

	2.35.1	Chlorpyriphos/Lindone emulsifiable concentrate of 20%	litre	187.70
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 imulsion @ 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	27.90
	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.		
	2.37.2.1	With chlorpyriphos E.C. 20% with 1% concentration	m	30.60
	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	158.30
	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	39.50
	2.37.5	Treatment at points of contact ot 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.	m	154.60

SUB HEAD: 3.0
MORTARS

BUILDING WORK - Contd.

<u>3.0 Mortars</u>			
Code No.	Description	Unit	Rate Rs.
2103	Lime mortar 1:1:1 (1 lime putty:1 surkhi:1 coarse sand)	cum	1820.20
2144	Lime mortar 1:1:2(1 lime putty:1 surkhi:2coarse sand)	cum	1470.40
2104	Lime mortar 1:2(1 lime putty:2 surkhi)	cum	2363.10
2145	Lime mortar 1:3(1 lime putty:3 surkhi)	cum	2284.20
2146	Lime mortar 1:3(1 lime putty :3 coarse sand)	cum	1063.50
2111	Cement mortar 1:2 (1 cement :2 coarse sand)	cum	3786.30
2112	Cement mortar 1:3(1 cement:3 coarse sand)	cum	2927.00
2113	Cement mortar 1:4(1 cement:4 coarse sand)	cum	2257.10
2114	Cement mortar1:5(1 cement:5 coarse sand)	cum	1896.40
2115	Cement mortar 1:6(1 cement:6 coarse sand)	cum	1587.20
2128	White cement mortar 1:2 (1 White cement :2 marble dust)	cum	9350.00
2125	Cement lime mortar 1:1:3(1 cement :1 lime putty:3 coarse sand)	cum	3026.60
2126	Cement lime mortar 1:1:6 (1 cement:1 lime putty:6 coarse sand)	cum	2028.30

SUB HEAD: 4.0
CONCRETE WORK

BUILDING WORK - Contd.

<u>4.0 Concrete work</u>			
Code No.	Description	Unit	Rate Rs.
4.5	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering-all work upto plinth level.		
4.5.1	1:1:2 (1 cement: 1 coarse sand:2 graded stone aggregate 20 mm nominal size)	cum	4834.20
4.5.2	1:1.5:3(1 Cement :1.5 coarse sand:3 graded stone aggregate 20 mm nominal size)	cum	3588.90
4.5.3	1:2:4(1 Cement: 2 coarse sand:4 graded stone aggregate 20 mm nominal size)	cum	3137.90
4.5.4	1:2:4 (1 Cement: 2 coarse sand : 4 graded stone aggregate 40 mm nominal size)	cum	3037.30
4.5.5	1:3:6 (1 Cement: 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	cum	2576.60
4.5.6	1:3:6 (1 Cement; 3 coarse sand :6 graded stone aggregate 40 mm nominal size)	cum	2444.10
4.5.8	1.4.8 (1 Cement :4 coarse sand :8 graded stone aggregate 40 mm nominal size)	cum	2144.80
4.5.10	1:5:10(1 Cement :5 coarse sand:10 graded stone aggregate 40 mm nominal size)	cum	1905.40
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. upt 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)	cum	5115.30
4.6.2	1:1.5:3(1 Cement: 1:5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	cum	3863.40
4.6.3	1:2:4 (1 Cement :2 coarse sand :4 graded stone aggregate 20 mm nominal size)	cum	3409.20
4.6.4	1:2:4(1 Cement :2 coarse sand :4 graded stone aggregate 40 mm nominal size)	cum	3308.70
4.6.5	1:3:6 (1 Cement: 3 coarse sand: 6 graded stone aggregate 20 mm nominal size)	cum	2848.00

4.6.6	1:3:6 (1 Cement :3 coarse sand:6 graded stone aggregate 40 mm nominal size)	cum	2715.50
4.9	Centring and shuttering including strutting,propping etc. and removal or form work for		
4.9.1	Foundations,footings, bases Columns	sqm	127.70
4.9.2	Retaining walls,return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets etc.	sqm	205.30
4.9.3	Columns, piers.abutments, pillars,posts and struts	sqm	260.60
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)	cum	3137.90
4.10.2	1:3:6 (1 Cement:3 coarse sand:6 graded stone aggregate 20 mm nominal size)	cum	2576.60
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)	sqm	201.40
4.26	Extra for providing and mixing water proofing material in cement concrete work in the proportion recommended by the manufacturers.	per 50 kg cement	31.77
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.	sqm	89.90
4.28	Extra for concrete work in superstructure above floor V level for each four floors of part thereof.	cum	265.70
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	cum	60.00
4.3	Extra for laying concrete in or under foul positions.	cum	80.00
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)	cum	49.10

SUB HEAD: 5.0
REINFORCED CEMENT CONCRETE

BUILDING WORK - Contd.

5-0 Reinforced cement concrete			
Code No.	Description	Unit	Rate Rs.
5.1	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement-All work upto plinth level		
5.1.1	1:1:2 (1 cement:1 coarse sand:2 graded stone aggregate 20mm nominal size)	cum	4940.90
5.1.2	1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20 mm nominal size)	cum	3689.10
5.1.3	1:2:4 (1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size)	cum	3234.90
5.2	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. upto floor five level excluding cost of centring, shuttering, finishing and reinforcement.		
5.2.1	1:1:2 (1 cement: 1 coarse sand: 2 graded stone aggregate 20 mm nominal size)	cum	5321.30
5.2.2	1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)	cum	3737.50
5.2.3	1:2:4(1 cement :2 coarse sand:4 graded stone aggregate 20 mm nominal size)	cum	3283.40
5.3	Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto 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).	cum	3586.67
5.9	Providing and laying upto 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).	cum	3390.00
5.10	Reinforced cement concrete work in arches, arches, domes, vaults, shells, folded plate and roofs having slope more than 15 upto 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)	cum	3456.60

5.11	Reinforced cement concrete work in chimnys shafts, upto 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)	cum	3329.35
5.12	Reinforced cement concrete work in well-steining excluding the cost of centrin,shuttering, finishing and reinforcement with 1:2:4 (1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size)	cum	3152.00
5.13	Reinforced cement concrete work in Vertical and Horizontal fins individually or forming box louvers, facias and eaves boards upto floor five level ecluding the cost of centring, shuttering, finishing and reinforcement with 1:2:4 (1 cement:2coarse sand :4 graded stone aggregate 20mm nominal size)	cum	3439.40
5.14	Centring and shuttering including strutting,propping etc. and removal of form for.		
5.14.1	Foundations, footings, bases of columns etc. for mass concrete.	sqm	127.66
5.14.2	Walls (any thickness) including attached pilasters. Butteresses, plinth and string courses etc.	sqm	205.30
5.14.3	Suspended floors, roots, landings, balcnies and access platform.	sqm	205.00
5.14.4	Shelves (Cost in situ)	sqm	205.00
5.14.5	Lintels, beams, plinth bams, griders, bressumers and contilevers.	sqm	173.20
5.14.6	Columns,Pillars, Piers, Abutments, Posts and Struts	sqm	260.60
5.14.7	Stairs,(excluding landings) except spiral-staircaces.	sqm	274.70
5.14.8	Spiral staircases (including landing)	sqm	219.30
5.14.9	Arches,domes,vaults upto 6m span	sqm	679.90
5.14.10	Extra for arches,domes, vaults exceeding 6 m span	sqm	201.80
5.14.11	Chimneys and shafts	sqm	205.30
5.14.12	Well steining	sqm	450.00
5.14.13	Vertical and horizontal fins individually or forming box louvers band, facias and eaves boards	sqm	268.60
5.14.14	Extra for shuttering in circular work (20% of respective centring and shuttering items)		
5.14.16	Small lintels not exceeding 1.5 m clear span, mouldings as in cornoces, window sills, string courses, bands, copings, bed plates, anchor blocks and the like.	sqm	141.10
5.14.17	Edges of slabs and breaks in floors and walis-		

5.14.17.1	Under 20 cms wide	m	73.10
5.14.17.2	Above 20cm wide	sqm	346.20
5.14.18	Cornl^s and mouldings	sqm	400.80
5.14.19	Smali surfaces such as cantilever ends,brackets and ends of steps, caps and bases to pilasters and columns and the like	sqm	318.20
5.14.20	Weather shade,Chajjas, corbels etc. including edges	sqm	331.20
5.15	Providing and fixing tie bolt, spring coil and plastic cone in wall shuttering complete as per the direction of engineer-in charge		
5.15.1	12 mm dia & 100 mm length	sets	125.40
5.15.2	12 mm dia & 150 mm length	sets	139.50
5.15.3	20 mm dia & 150mm length	sets	147.70
5.15.4	20 mm dia & 225 mm length	sets	165.30
5.16	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)		
5.16.1	Suspended floors, roots, laning, beams and balconies (Plan area to be measured)	sqm	81.00
5.25	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.		
5.25.1	50 mm thick	sqm	471.00
5.25.2	40 mm thick	sqm	409.00
5.25.3	2b mm thick	cum	367.92
5.28	Extra for providing and faixing expanded metal mesh of size 20x60mm and strands 3.25 mm wide 1:6 mm thich weighing 3.64 kg. er sqm for encasing of rolled steel sections in beams, columns and grillages excluding cost of hangers	sqm	344.86
5.29	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.		
5.29.1	Mild steel 6.00 mm dia	kg	66.80
5.29.1A	Mild steel 5.5 mm dia	kg	67.60
5.29.1 B	Mild steel 6.0 mm dia	kg	67.40
5.29.1C	Mild steel 6.5 mm dia	kg	67.20
5.29.1D	Mild steel 7.0 mm dia	kg	66.90
5.29.1E	Mild steel 8.0 mm dia	kg	66.80

5.29.1F	Mild steel 10.0 mm dia	kg	67.60
5.29.1 G	Mild steel 12.0/12.7 mm dia	kg	67.60
5.29.7	Thermo-Mechanically Treated bars (FE-500) 20mm dia.	kg	71.30
5.29.7A	Thermo-Mechanically Treated bars TMTC-500-8mm dia.	kg	72.40
5.29.7B	Thermo-Mechanically Treated bars TMTC-500-10mm dia.	kg	72.40
5.29.7C	Thermo-Mechanically Treated bars TMTC-500-12mm dia.	kg	71.30
5.29.7D	Thermo-Mechanically Treated bars TMT Fe-500-16mm dia.	kg	71.80
5.29.7E	Thermo-Mechanically Treated bars TMT Fe-500-20mm dia.	kg	71.30
5.29.7F	Thermo-Mechanically Treated bars TMT Fe-500-25mm dia.	kg	71.30
5.29.7G	Thermo-Mechanically Treated bars TMT Fe-500-28mm dia.	kg	71.30
5.29.7H	Thermo-Mechanically Treated bars TMT Fe-500-32mm dia.	kg	71.50
5.30	Extra for RCC work in superstructure above floor V level for each four floors or part thereof.	cum	265.70
5.32	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.	sqm	45.10
5.33	Providing and fixing in position copper plate as per design for expansion joints.	kg	322.30
5.34	Providing and filling in position, blown bitumen in expansion joints.	100mLx1cmWx1cm D	512.40
5.35	Providing and filling in position bitumen mix filler of Proportion 80 kg of hot bitumen, 1 kg, of cement and 0.25 cubicmetre of coarse sand for expansion joints,	100ml_x1cmWx1cm D	110.55
5.36	Providing and fixing in position 12 mm thick bitumen impregnated fibre board conforming to IS: 1838 including cost of primer, sealing compound in expansion joints.	100mLx1cmD	423.40
5.37	Providing and fixing sheet covering over expansion joints with iron screws as per design to match the colour/shade of wall treatment,		
5.37.1	Asbestos sheet 6 mm thick		
5.37.1.1	150 mm wide	m	63.50
5.37.1.2	200mm wide	m	85.30
5.37.2	Aluminium fluted strps 3.15 mm thick		

	5.37.2.1	150 mm wide.	m	297.80
	5.37.2.2	200 mm wide	m	307.00
5.38	Add or deduct for plaster drip course/groova in plastered surface or moulding to R.C.C. projections.		m	14.10
5.40	Extra for laying reinforced sement concrete in or under water and/or liquid mud including cost or pumping or bailing out water and removing slush etc. complete.(Rate same as per item No, 4.29)		cum	66.30
5.42	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 grde reinforcd cement concrete			
	5.42.1	All work upto plinth level	cum	3708.80
	5.42.2	All work from plinth level upto floor V level		
	5.42.2.1	Walls columns, pillars, posts cind struts	cum	3928.90
	5.42.2.2	Beams, planth beams, girders, bressumers, contilevers, Suspended floors lintels roofs and staircases including spiral staircases, shelves etc.	cum	4102.10
5.43	Extra for R.C.C work above floor V level for each four floors or part thereof.		cum	265.70
5.44	Add or deduct for providing richer or leaner mixes respectively at ail floor levels.			
	5.44.1	Proiding M-25 grade R.C.C. instead of M-20 grade R.C.C.	cum	161.60
	5.44.2	Providing M-30 grade R.C.C. instead of M-20 grade R.C.C.	cum	221.50
	5.44.3	Providing M-35 grade R.C.C. instead of M-20 grade R.C.C.	cum	269.35
	5.44.4	Providing M-15grade R.C.c. instead of M-20 grade R.C.C.	cum	377.10
5.45 :	Providing and laying in position machine batched, machine mixed and machinevibrated design mix M25 grade cement concrete 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 improve workability without impairing strength and durability as per direction ofrecommended proportions as per IS 9103 to accelerate, retard setting of concrete cement per cum of concrete. All work upto Plinth level.Engineer-in-charge. M-25 grade reinforced cement concrete by using 380kg. of,cement per cum of concrete. All work upto Plinth level.		cum	4161.30

5.45 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 centering, 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.	cum	4161.30
5.46.1 :	Providing M-30 grade concrete by using 400kg of Cement per cum of concrete instead of M-25 grade B.M.C./Rmc.	cum	124.00
5.46.2	Providing M-35 grade concrete by using 420kg of cement per cum of concrete instead of M-25 grade B.M.C./R.M.C...	cum	248.00

SUB HEAD: 6.0
BRICK WORK (A)

BUILDING WORK - Contd.			
<u>6.0 Brick work(A)</u>			
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	3230.00
6.1.14A	Cement mortar 1:6 (1 cement: 6 coarse sand)	cum	3035.40
6.3A	Extra for Brick work in superstructure above plinth level upto floor V cum	cum	341.70
6.4A	Extra for brick work in superstructure above floor V level for each four floors or part thereof.	cum	265.70
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 bitumasttc coted m.s. toles 300mmlong of 25mmx3mmsection at not less than 3 tiles per sqm as per approved design.	sqm	56.70
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	114.20
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	295.20
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	5192.50
6.16A	Brick work in gauged arches in superstructure in cement mortar 1:3 (1 cement:3 coarse sand) including centring and shutierning complete. Span upto 6 metres with	cum	6034.00
6.17A	Extra for additionalcost of centring for arches exceeding 6 mspan including all shuttering , Bolting , wedging and removal(Area of the soffit to be measured).	sqm	205.50
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	400.50
6.18.4A	Cement mortar 1:4 (1 cement: 4 coarse send)	sqm	378.70
6.19A	Extra for half Brick masonry in superstructure above pinth level upto floor V level.	sqm	37.30

6.20A	Extra for half brick masonry in superstructure. Above floor V level for every four floors or part there of	sqm	30.30
6.21A	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)	sqm	74.50
6.23A	Tile brick masonry with tile bricks of class designation 100 in foundation and plinth in :		
6.23.7A	Cement mortar 1:4 (1 cement :4 coarse sand)	cum	5875.60
6.23.8A	Cement mortar 1.6 (1 cement :6 coarse sand)	cum	5564.30
6.24A	Extra for tile bricks masonry with tile bricks of class designation 100A in superstructure fromplinth levelLupto floor five level.	cum	360.50
6.25A	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,	cum	265.70
6.29A	Tile brick masonry with bricks of class designation 100 in plain arch work superstructure in cement mortar 1:4 (1 cement: 4 co	cum	7609.40
6.30A	Tte brick masonary with tile bricks ot class designation 100A in gauded arch work in superstucture in cement mortar 1:4 (1 cement: 4 coarse sand) including centring and shuttering complete.	cum	8385.30
6.31A	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 .	sqm	337.40
6.32 A	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)	sqm	247.20
6.39A	Extra for brick work in under water mud or liquid mud including cost of pumping or bailing out water - slush etc	cum	60.00
6.41A	Brick work with selected bricks of class designation 100A in exposed brick work including making horizontal and vertical irooves 10mm wide 12mm deep complete from ground level up to plinth level in cement mortars 1:6(1 cement: 6 corse sand)	cum	3075.50
6.45A	Extra for exposed brick work in superstructure above plinth level and upto floor level. $0.75 \times 1.5 = 1.13$	cum	441.10
6.46A	Brick work with clay flyash bricks of class designation 100A in superstructure above plinth levelL upto floor five levelLin .		
6.46.12A	Cement mortar 1:4 (1 cement: 4 coarse sand)	cum	3562.70
6.46.14A	Cement mortar 1:6 (1 cement: 6 coarse sand)	cum	3368.20

6.47A	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,	Per m	707.50
6.48A	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,	Per m	378.00

SUB HEAD: 6.0
BRICK WORK (B)

<u>6.0 Brick work(B)</u>			
Code No.	Description	Unit	Rate Rs.
6.1B	Brick work with bricks of class designation 100B in foundations and plinth in :		
6.1.12B	Cement mortar 1.:4 (1 cement: 4 coarse sand)	cum	2710.94
6.1.14B	Cement mortar 1:6 (1 cement: 6 coarse sand)	cum	2516.50
6.3B	Extra for Brick work in superstructure above plinth level upto floor V cum	cum	341.70
6.4B	Extra for brick work in superstructure above floor V level for each four floors or part thereof.	cum	265.70
6.11B	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.	sqm	56.70
6.12B	Providing half brick masonry with bricks of class designation 100B in cement mortar 1:3 (1 cement: 3 coarse sand) in supersturcture for closing cavity 5 to 7.5 cm wide bitumen felt type 3 grade 1 .	m	114.20
6.13B	Brick work 7cm thick with brick of class designation 100B cement mortar 1:3 (1 cement: 3 coarse sand) in super structure	sqm	255.60
6.15B	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)	cum	4673.60
6.16B	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	5468.70
6.17B	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	205.50
6.18B	Half brick masonry with bricks of class designation 100B in foundations and plinth in :		
6.18.3B	Cement mortar 1:3 (1 cement: 3 coarse sand)	sqm	341.10
6.18.4B	Cement mortar 1:4(1 cement: 4 coarse send)	sqm	319.30

6.19B	Extra for half Brick masonry in superstructure above pinth level upto floor V level.	sqm	37.30
6.20B	Extra for half brick masonry in supersructure. Above floor V level for every four floors or part there of	sqm	30.30
6.21B	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)	sqm	74.50
6.23B	Tile brick masonry with tile bricks of class desgnation 100 in foundation and plinth in :		
6.23.7B	Cement mortar 1:4 (1 cement :4 coarse sand)	cum	5875.60
6.23.8B	Cement mortar 1.6 (1 cement :6 coarse sand)	cum	5564.30
6.24B	Extra for tile bricks masonry with tile bricks of class designation 100B in superstructure fromplinth feve! upto floor five level.	cum	360.50
6.25B	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.	cum	265.70
6.29B	Tile brick masonry with bricks of class desigation 100 in plain arch work superstructure in cement mortar 1 ;4 (1 cement: 4 coarse sand) including centring and shuttering complete.	cum	7624.40
6.30B	Tie brick masonary with tile bricks of class designation 100B in gaudecf arch work in superstucture in cement mortar 1:4 (1 cement: 4 coarse sand) including centring and shuttering complete.	cum	8400.40
6.31B	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 ,	sqm	334.10
6.32B	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)	sqm	247.20
6.39B	Extra for brick work in or under water mud or liquid mud including cost of pumping or bailing out water — slush etc	cum	60.00
6.41 B	Brick work with selected bricks of class designation 100B in exposed brick work including making horizontal and vertical irooves 10mm wide 12mm deep complete from ground level up to plinth level in cement mortars 1:6(1 cement: 6 corse sand)	cum	2556.50
6.45B	Extra for exposed brick work in superstructure above plinth level and upto floor level. $0.75 \times 1.5 = 1.13$	cum	441.15

6.46B	Brick work with clay fyash bricks of class designation 100B in superstructure above plinth level upto floor five level in .		
6.46.12B	Cement mortar 1:4 (1 cement: 4 coarse sand)	cum	3043.60
6.46. 13B	Cement mortar 1:6 (1 cement: 6 coarse sand)	cum	2849.10

6.0FLY ASH Brick work(C)

<u>6.0 Brick work(C)</u>			
Code No.	Description	Unit	Rate Rs.
6.1C	Brick work with fly ash bricks as per IS 12894(2002) & IS 3495 in foundations and plinth in :		
6.1.12C	Cement mortar 1.:4 (1 cement: 4 coarse sand)	cum	3596.30
6.1.14C	Cement mortar 1:6 (1 cement: 6 coarse sand)	cum	3401.80
6.3C	Extra tor Brick work in superstructure above plinth level upto floor V cum	cum	341.70
6.4C	Extra for brick work in superstructure above floor V level for each four floors or part thereof.	cum	265.70

6.0 Brick work with lime mortar(D)

<u>6.0 Brick work(C)</u>			
Code No.	Description	Unit	Rate Rs.
6.1D	Brick work with bricks of class designation 100A in foundations and plinth in :		
6.1.12D	Lime mortar (1:1:1) (1 limeputty: 1shukhi:1coarse sand)	cum	3172.50
6.1.14D	lime mortar mortar 1:1:2(1 limeputty: 1 surkhi:2 coarse sand) Details of cost for 1 cum	cum	3057.60

SUB HEAD: 7.0
STONE WORK

BUILDING WORK - Contd.

7.0 Stone work

Code No.	Description	Unit	Rate Rs.
A7.1	Dressing of sand stone for ashlar cyclopean-	10cudm	34.60
A7.2	Dressing of sand stone for moulded work	10cudm	71.90
A7.3	Dressing of sand stone for ashlar puncheol ordinary work	10cudm	29.25
A7.4	Dressing of sand stone m arch dome's or circular moulded work	10cudm	87.00
A7.5	Dressing of sand stone for ashlar moulded and curvred colonic	10cudm	118.30
A7.6	Dressing of sand stone-----	sqm	342.20
A7.7	Fixing charges for stone work including pointing	10cudm	29.20
A7.8	Fixing charges for stone in veneer work .	sqm	349.00
7.1	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 .		
7.1.1	Cement mortar 1:6 (1 cement: 6 coarse sand)	cum	2087.10
7.2	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 .	cum	378.30
7.3	Extra for random rubble masonry with hard stone in superstructure above floor V levei for every four floors or part therof .	cum	354.30
7.4	Extra for random rubble masonry with hard stone in .		
7.4.1	Square or rectangular pillars	cum	173.00
7.4.2	Circular pillars	cum	598.10
7.5	Extra for random rubble masonry with hard stone curved on plan for ad mean radius not exceeding 6 m .	cum	231.30
7.6	Coursed rubble masonry (fist sort) with hard stone in foundation and plinth with .		
7.6.1	Cement mortar 1:6(1 cement: 6 coarse sand)	cum	2430.20

7.7	Coursed rubble masonry (second sort) with hard stone in foundation & plinth with >			
	7.7.1	Cement mortar 1:6 (1 cement: 6 coarse sand)	cum	2265.40
7.8	Extra for coursed rubble masonry with hard stone (first or second sort) in superstructure above plinth level and upto floor five level .		cum	400.10
7.9	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.		cum	354.30
7.10	Extra for coursed rubble masonry with hard stone (first or second sort) in :			
	7.10.1	Square or rectangular pillars	cum	192.50
	7.10.2	Circular pillars	cum	675.90
7.11	Extra for coursed rubble masonry with hard stone (first or second sort) curved on plan for a mean radius not exceeding 6 m .		cum	252.20
7.12	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 .			
	7.12.1	Red sand stone	cum	17132.80
	7.12.2	White sand stone	cum	17650.50
7.13	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 .			
	7.13.1	Red sand stone	cum	18136.00
	7.13.2	White sand stone	cum	18622.60
7.14	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 .			
	7.14.1	Red sand stone	cum	24876.60
	7.14.2	White sand stone	cum	25622.30

7.15	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 . '			
7.15.1	Red sand stone		cum	16362.90
7.15.2	White sand stone		cum	18440.70
7.16	Extra for stone work , plain ashlar or ashlar punched above floor V for every four floors or part thereof.		cum	353.80
7.17	Extra for plain ashlar or ashlar punched in :			
7.17.1	Square or rectangular pillars		cum	404.20
7.19	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).		sqm	205.50
7.2	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:			
7.20.1	Red sand stone		cum	23800.50
7.20.2	White sand stone		cum	27198.10
7.21	Extra for stone work sunk or moulded or sunk and moulded or carved in :			
7.21.1	Triangular or Square or rectangular pillars		cum	527.20
7.21.2	Circular or polygonal pillars		cum	1493.80
7.22	Extra for stone work sunk or moulded in cornices .		metre per cm grith	10.70
7.23	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)			
7.23.1	Red sand stone- exposed face fine dressed with rough backing			
7.23.1.1	70 mm thick		0.1 sqm	1478.00

	7.23.1.2	60 mm thick	0.1sqm	1384.30
	7.23.1.3	50 mm thick	0.1 sqm	1279.10
	7.23.1.4	40 mm thick	0.1 sqm	1196.80
	7.23.2	White sand stone		
	7.23.2.1	70 mm thick	0.1sqm	1532.70
	7.23.2.2	60 mm thick	0.1sqm	1431.20
	7.23.2.3	50 mm thick	0.1sqm	1329.90
	7.23.2.4	40 mm thick	0.1sqm	1227.80
7.24	Extra for stone work (vener work) curved on plan with a mean radius not exceeding 6 m .		cum	407.80
7.25	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.			
	7.25.1	25x6 mm - 30 long	each cramp	88.80
7.26	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 .		dowel	7.80
7.27	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 .		copper pin	14.40
7.29	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.			
	7.29.1	Red sand stone	sqm	438.30
	7.29.2	White sand stone	sqm	460.30
7.30	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.		sqm	534.00

7.31	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.		bracket	1700.80
7.32	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 .			
7.32.1	Red sand stone		cum	21564.50
7.32.2	White sand stone		cum	22082.20
7.38	Providing and fixing stone jali 40 mm thick throughout(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.			
7.38.1	Red sand stone		sqm	4468.80
7.38.2	White sand stone		sqm	4488.20
7.41	Wall lining butch work with Dholpur stone 40 mm thick rough taching on the exppsed 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.		sqm	756.10
7.42	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)			
7.42.1	Kota stone slabs rough chiselled			
7.42.1.1	25 mm thick		sqm	921.00
7.42.1.A	Dressing of sand stone in veneer work		sqm	1266.60
7.42.1.B	Dressing of sand stone in ashlar punched (ordinary work)		0.4sqm	948.80

7.43	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 .		
7.43.1	8 mm thick (mirror polished and machine cut edge)		
7.43.1.1	Granite black stone	sqm	1222.30

SUB HEAD: 8.0
MARBLE WORK

BUILDING WORK - Contd.

8.0 Marble work

Code No.	Description	Unit	Rate Rs.
A8.1	Dressing of Marble for steps, jambs, walls, pillars and other plain work	10cudm	112.950
A8.2	Dressing of marble for moulded jambs and heads, straight mouldings and plain arces or domes.	10cudm	180.200
A8.3	Dressing of marble in moulded arches or domes and cirular mouldings.	10cudm	387.700
A8.4	Dressing of marble veneer work	sqm	494.000
A8.5	Labour for fixing marble in veneer work 2.5 cm to 5 cm thick.	sqm	702.200
8.1	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 shite 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)		
8.1.1	White Marble-Raj Nagar Plain/Udaipur green marble/ Zebra block marble		
8.1.1.1.2	Area of each slab over upto 0.50 sqm	sqm	1932.000
8.2	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.		
8.2.1	Rajnagar plain white marbfe /Udaipur green marble/ Zebra block marble		
8.2.1.3	Area of each slab over 0.2 sqm but upto 0.5 sqm Rajnagar plain white	sqm	1501.500
8.2.6	Granite black		
8.2.6.3	Area of each slab over 0.2 sqm but upto 0.5 sqm Granite of any colour and shade	sqm	2573.100

8.3	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.			
8.3.1	Marble work		m	123.100
8.3.2	Granite work		m	199.300
8.4	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.		m	110.000
8.5	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.		opening	17.500
8.6	Mirror polishing on marble work/stone work where ever required to give high gloss finish complete.		sqm	150.800
8.8	Providing and fixing expansion hold fasteners on CC/R.C.C. surface backing including drilling necessary holes and the cost of bolt etc complete.			
8.8.1	wedge expansion type			
8.8.1.1	Fastner with-threaded dia. 1/4 or 6mm		no	19.300
8.8.1.2	Fashtner with threaded dia. 3/8 or 10 mm		no	21.950
8.8.1.3	Fastner with threaded dia. 1/2 or 12mm		no	36.400

SUB HEAD: 9.0

WOOD WORK

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

Code No.	Description	Unit	Rate Rs.
9.1	Providing wood work in frames of doors,windows, clerestory windows and other frames, wrought framed and fixed in position		
9.1.3	Second Class teakwood-	cum	83911.90
9.1.8	Sal wood-	cum	66575.90
9.1.9	Kiln seasoned and chemically treated hollock wood.	cum	44058.00
9.1.10	Local wood	cum	41810.10
9.1A	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	cum	85872.00
9.2	Prodding wood work in frames of false ceiling.		
9.2.7	Kiln seasoned and chemically treated hollock wood.	cum	41839.80
9.3	Extra for additional labour for circular works, such as in frames of fan light.		
9.3.3	Second Class teakwood-	cum	8391.20
9.3.8	Sal wood-	cum	6657.60
9.3.9	Kitn seasoned and and chemically treated hollock wood.	cum	4362.20
9.4	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.		
9.4.3	Second Class teak wood-		
9.4.3.4	35 mm thick	sqm	2295.70
9.4.3.5	30 mm thick	sqm	2022.00
9.4.8	Kiln seasoned and chemically treated hollock wood.		
9.4.8.4	35 mm thick	sqm	1292.60
9.4.8.5	30 mm thick	sqm	1156.90
9.4A	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:		

9.4A.1	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 as per IS:848.	sum	2239.40
9.4A.2	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	sqm	2415.30
9.4A.3	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	sqm	2321.50
9.5	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		
9.5.3	Second class teak wood	sqm	1836.30
9.5.7A	Klin seasoned and chemically treated hollock wood for 40.35.30.25 mm thick shutters.	sqm	1030.20
9.5.13.1	Plain particle board fiat pressed, 3 layer and graded (medium density) grade 1. confirming to IS : 3078 (Code no. 0341)		
9.5.13.2	Veneered particle board with commercial veneering on both sides conforming to IS : 3097 (code no 7468)		
9.5.13.3	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)		
9.5.13.4	Prelaminated particle board with decorative lamination on bot sides, grade 1, Type II confirming to IS : 12823. (Code no. 7480)		
9.6	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.		
9.6.3	Second class teak wood		
9.6.3.4	35 mm thick	sqm	2807.10
9.6.3.5	30 mm thick	sqm	2494.30

	9.6.8	Kiln seasoned and chemically treated hollock wood		
	9.6.8.4	35 mm thick	sqm	1665.80
	9.6.8.5	30 mm thick	sqm	1510.80
9.6A	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.			
	9.6A.3	30mm thick shutters	sqm	2004.80
9.7	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).			
	9.7.2	13.75 Kilograms per square meter per square metre (5.5 mm thick)instead of 10kg/sqm(4.0mm thick)	sqm	164.20
9.9	Deduct if fixed shutters (without hinge)are provided instead of open able shutters for doors, windows or clerestory windows with:			
	9.9.2	Black enameled M.S.butt hinges with necessary screws	sqm	45.10
9.10	Providing and fixing 25mm thick shutters for cup board etc.			
	9.10.1.3	Second class teak wood including anodized aluminum butt hinges with necessary screw	sqm	2200.20
9.15	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)			
	9.15.2	12mm thick	sqm	457.30
	9.15.3	18 mm thick	sqm	537.90
9.16	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)			
	9.16.2	18 mm thick	sqm	1064.80
	9.16.3	25 mm thick	sqm	1152.00
9.23	Providing and fixing 25 mm thick shutters for cupboards etc.including black enamelled M.S. butt hinges with necessary screws :			
	9.23.1	Panelled or panelled and glazed shutters		
	9.23.1.	Second class teak wood	sqm	2093.30

	9.23.2	Glazed shutters		
	9.23.2.	Second class teak wood	sqm	2284.20
9.24	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.			
	9.24.2	35 mm thick including stainless steel butt hinges with necessary screws-	sqm	2189.70
	9.24.3	30 mm thick including stainless steel butt hinges wirh necessary screws-	sqm	2013.70
9.25	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.			
	9.25.2	35 mm thick including anodized aluminum butt hinges with necessary screws-	sqm	1603.10
	9.25.3	30 mm thick including anodised aluminum butt hinges wirh necessary screws-	sqm	1427.20
	9.25.4	25 mm thick (for cub-board) including nickel plated bright finished M.S.piano hinges with necessary screws-	sqm	1207.30
9.26	Extra for Providing and fixing flush doors with teak veneering			
	9.26.1	On one side in item no.9.25	sqm	375.40
9.34	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)		sqm	328.50
9.35	Extra for providing vision panel not exceeding 0.1 sqm in all type of flush doors (cost of glas excluded)			
	9.35.1	Rectangular or Square	sqm	129.00
	9.35.2	Circular	sqm	199.40
9.36	Extra if louvers (not exceeding 0.2 sqm) are provided in flush door shutters (overall area of door shutters to be measured)		sqm	340.20
9.37	Extra for cutting rebate in flush door shutters (total area of the shutter to be measured)		sqm	93.90

9.47A	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		
9.47.1	Second class tead wood	sqm	2571.80
9.47A..2	Kiln seasoned and chemically treated hollock wood.	sqm	1560.70
9.47B	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		
9.47B.1	Second class teak wood	sum	2571.80
9.47B.2	Kiln seasoned and chemically treated hollock wood.	sqm	1384.50
9.48	Providing and fixing 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:		
9.48.2	Second class India teak wood	sqm	2402.10
9.48.3	Kiln seasoned and chemically treated Hollock wood	sqm	1536.90
9.49	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:		
9.49.1	Second class teak wood	sqm	2256.70
9.49.6	Kiln seasoned and chemically treated Hollock wood	sqm	1237.20
9.49A	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:		
9.49A.2	35mm thick shutters	sqm	2063.40
9.49A.3	30mm thick shutters	sqm	1758.42
9.51	Providing 50x50x50 mm 2nd class teak wood plugs including cutting brickwork and fixing in cement mortar 1:3 (1 cement: 3 coarse sand)	no	15.10

9.51A	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			
	9.51A.3	25mm long	no	10.80
	9.51A.4	32 mm long	no	12.30
	9.51A.5	40 mm long	no	15.80
	9.51A.6	50 mm long	no	18.20
9.52	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			
	9.52.1	40 mm thick	sqm	4625.60
	9.52.2	25 mm thick	sqm	2880.70
9.54A	Providing and fixing in wait lining fiat pressed 3 layer and graded (medium density) particle board prelaminate 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			
	9.54A.1	12 mm thick	sqm	965.60
	9.54A.2	18mm thick	sqm	1120.50
	9.54A.3	25 mm thick	sqm	1210.80
9.55	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			
			cum	128655.20
9.55A	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.			
	9.55A.1	Hollock wood.	cum	58274.50
9.60	Providing and fixing 25 mm thick 1 st class teak wood plain skirting with necessary screws, priming coat on unexposed surfaces.			
			sqm	3209.60
9.60A	Providing and fixing skirting of prelaminate with (one side decorative other side balancing lamination) fiat pressed, 3 layer and graded particle board (medium density) (Grade 1 ,type2) conforming to IS: 12823. with necessary fixing arrangements and screws including drilling necessary holes for rawl plugs etc. and priming coat on unexposed surface complete			
	9.60A.1	18 mm thick	sqm	1122.40
	9.60A.2	25 mm thick	sqm	1212.80

9.61	Providing and fixing wooden molded beading to door and window frames with iron screws,plugs and priming coat on unexposed surface etc. complete			
9.61.1	2nd class teak wood			
9.61.1.1	50x12mm		m	87.00
9.61.1.2	50x20mm		m	124.50
9.61.2	Hollock wood			
9.61.2.1	50x12mm		m	58.30
9.61.2.2	50x20mm		m	76.70
9.67	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:			
9.67.1	Second class teak wood		sqm	786.00
9.73	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.		sqm	226.30
9.73 A	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		sqm	249.00
9.74A	Extra for using veneered particle board in item of pelmet 12 mm thick 150 mm wide			
9.74A.1	Commercial veneered on both sides.		sqm	29.10
9.74A.2	Particle board with teak veneering on both sides		sqm	85.40
9.74B	Providing and fixing teak wood lipping of size 25*3 mm		m	33.30
9.76	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)			
9.76.2	20 mm dia metre		m	97.10
9.76.3	25 mm dia metre		m	120.60
9.79A	Providing and fixing nickel plared M.S. Pipe curtain rods with nickel plated brackets			
9.79A.1	20mm dia (heavy type)		m	82.80
9.79A.2	25 mm dia (heavy type)		m	94.50

9.82	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			
9.82.1	Fixed to steel windows by welding		kg	83.40
9.82.2	fixed to openings/wooden frames with rawl plugs screws etc		kg	83.40
9.83	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		sqm	764.20
9.84	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.		sqm	978.80
9.85	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.			
9.85.1	With second class teak wood beading 62x19 mm		sqm	721.40
9.85.2	with mild steel U beading		sqm	445.60
9.87	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)		each	65.00
9.88	Providing beams including hoisting, fixing in position and applying wood preservative for the unexposed surfaces,etc. complete with:			
9.88.1	Sal wood		cum	62638.10
9.88.3	Hollock wood		cum	39898.70
9.93	Providing and fixing M.S. pressed butt each bright finished with necessary screws etc.complete:			
9.93.1	125x65x2.12 mm		each	25.70
9.93.2	100x58x1.9		each	18.90
9.93.3	75x47x1.7		each	14.60
9.93.4	50x37x1.5mm		each	8.20
9.94	Providing and fixing M.S. pressed parliamentary each bright finished with necessary screws etc.complete:			
9.94.1	150x125x27x2.8		each	47.40
9.94.2	125x125x27x2.8 mm		each	45.60
9.94.3	100x125x27x2.8 mm		each	36.80

	9.94.4	75x100x20x2.24 mm	each	31.70
9.95	Providing and fixing M.S. single acting spring each bright finished with necessary screws etc.complete:			
	9.95.1	150 mm	each	141.20
	9.95.2	125 mm	each	135.30
	9.95.3	100 mm	each	110.90
9.96	Providing and fixing M.S. double acting spring each bright finished with necessary screws etc.complete:			
	9.96.1	150 mm	each	147.00
	9.96.2	125 mm	each	141.20
	9.96.3	100 mm	each	116.80
9.97	providing 1 mm thick M.S. piano each finished with brass plating flange being 35 mm wide and fixing with necessary screws		m	122.50
9.98	Providing 1 mm thick M.S. piano each finished with nickel plating and fixing with necessary screws.			
	9.98.1	Overall width 35 mm	m	97.20
9.100	Providing and fixing M.S. sliding door bolts bright finished or/and black enamelled,with nuts and screws etc.compelled:			
	9.100.1	300x16 mm	each sliding bolt	144.80
	9.100.2	250x16 mm	each sliding bolt	133.00
9.101	Providing and fixing M.S. each (barrel type with necessary screws,etc.corrplete:			
	9.101.1	Bright satin finished black stove enamelled		
	9.101.1.1	250x10 mm	tower bolt	54.00
	9.101.1.2	200x10 mm	tower bolt	47.20
	9.101.1.3	150x10 mm	tower bolt	34.10
	9.101.1.4	100x10 mm	tower bolt	28.20
9.103	Providing and fixing M.S. door latch with screws etc.complete -			
	9.103.1	300x20x6 mm	each	58.80
	9.103-2	250x20x6 mm	each	52.90
9.104	Providing and fixing M.S.handles with necessary screws etc.complete			

	9.104.1	125 mm	each	22.80
	9.104.2	100 mm	each	20.40
	9.104.3	75 mm	each	19.20
9.109	Providing and fixing M.S.safety each with necessary screws etc.complete			
	9.109.1	150 mm	each	18.70
	9.109.2	115 mm	each	16.00
	9.109.3	90 mm	each	13.10
9.111	Providing and fixing oxidised M.S.pressed butt each with necessary screws etc.complete.			
	9.111.1	125x65x2.12 mm	each	26.70
	9.111.2	100x58x1.9 mm	each	18.90
	9.111.3	75x47x1.7 mm	each	14.40
	9.111.4	50x37x1.5 mm	each	8.50
9.112	Providing and fixing oxidised M.S. pressed parliamentary each with necessary screws etc.complete			
	9.112.1	150x125x27x2.8 mm	each	47.90
	9.112.2	125x125x27x2.8 mm	each	45.60
	9.112.3	100x125x27x2.80 mm	each	36.80
	9.112.4	75x100x20x2.24 mm	each	31.10
9.113	Providing and fixing oxidised M.S. single acting spring each with necessary screws etc.complete.			
	9.113.1	150 mm	each	142.10
	9.113.2	125 mm	each	136.20
	9.113.3	100 mm	each	110.90
9.114	Providing and fixing oxidised M.S. double acting spring each with necessary screws etc.complete.			
	9.114.1	150 mm	each	148.00
	9.114.2	125 mm	each	142.10
	9.114.3	100 mm	each	116.80
9.118	Providing and fixing oxidised M.S. sliding door bolts with nuts and screws etc. complete			
	9.118.1	300x16xmm	each	137.30
	9.118.2	250x16mm	each	124.60
9.119	Providing and fixing oxidised M.S.tower bolt black finish,(barrel type) with necessary screws etc.complete			
	9.119.1	250x10mm	each	54.60
	9.119.2	200x10mm	each	47.60
	9.119.3	150x10mm	each	34.80

	9.119.4	100x10mm	each	28.50
9.12	Providing and fixing 85mmx42mm oxidised M.S. pull bolt lock conforming to IS:7534 with necessary screws bolts nut and washers etc. complete		each	57.40
9.128	Providing and fixing bright finished brass each butt each with necessary screws etc. complete.			
	9.128.1	125x85x5.5mm(heavy type)	each	369.10
	9.128.2	125x70x4mm(ordinary type)	each	122.70
	9.128.3	100x85x5.5mm (heavy type)	each	321.60
	9.128.4	100x70x4mm(ordinary type)	each	92.90
	9.128.5	75x65x4mm (heavy type)	each	120.10
	9.128.6	75x40x2.5mm(ordinary type)	each	61.40
	9.128.7	50x40x2.5mm(ordinary type)	each	26.30
9.129	Providing and fixing bright finished brass parliamentary each with necessary screws etc. complete.			
	9.129.1	150x125x27x5mm	hinge	319.80
	9.129.2	125x125x27x5mm	hinge	290.90
	9.129.3	100x125x27x5mm	hinge	255.70
	9.129.4	75x100x20x3.2mm	hinge	202.90
9.134	Providing fixing bright finished brass each (barrel type) with screws etc. complete.			
	9.134.1	250x10mm	each	281.90
	9.134.2	200x10mm	each	220.10
	9.134.3	150x10mm	each	179.00
	9.134.4	100x10mm	each	117.30
9.137	Providing and fixing bright finished brass door latch with necessary screws etc. complete.			
	9.137.1	300x16x5mm	each	200.87
	9.137.2	250x16x5mm	each	189.10
9.139	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)		each	454.10
9.14	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)		each	395.50
9.141	Providing and fixing bright finished brass night latch including necessary screws etc. complete, (best make of approved quality)		each	571.40
9.142	Providing and fixing special quality bright finished brass cupboard or ward robe locks with four levers including necessary screws etc. complete.(best make of approved quality)			

	9.142.1	40mm	each	119.80
9.143	Providing and fixing bright finished brass cupboard or ward robe knob with necessary screws .(best make of approved quality.)		each	38.80
9.146	Providing and fixing bright finished brass handles with screws etc. complete.			
	9.146.1	125 mm	each	170.30
	9.146.2	100 mm	each	152.60
	9.146.3	75 mm	each	117.40
9.149	Providing and fixing bright finished brass hanging type floor door stoper with necessary screws etc. complete.		each	73.50
9.15	Providing and fixing IS:3564 bright finished brass hydraulic door closer (best make of approved quality) with necessary accessories and screws etc. complete.		each	639.20
9.152	Providing and fixing bright finished brass casement window fastener with necessary screws etc. complete.		each	59.70
9.153	Providing and fixing bright finished brass casement stays(straight peg type) with necessary screws etc. complete.			
	9.153.1	300 mm weighing not less than 330 gms	each	149.40
	9.153.2	250 mm weighing not less than 280 gms	each	124.20
	9.153.3	200 mm weighing not less than 240 gms	each	112.50
9.158	Providing and fixing bright finished brass hasp and			
	9.158.1	150 mm	quadrant stay	93.10
	9.158.2	115 mm	each	79.00
	9.158.3	90 mm	each	67.30
9.207	providing and fixing chromium plated brass		each	113.50
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	172.10
	9.208.2	250 mm weighing not less than 280 gms	each	148.60
	9.208.3	200 mm weighing not less than 240 gms	each	125.20
9.215	Providing and fixing aluminium but each anodised (anodic coating not less than grade AC 10as transport or dyed requirement colour or shade with necessary screws etc.complete			
	9.215.1	125x75x4.0 mm	each	96.70

	9.215.2	125x63x4.0 mm	each	92.00
	9.215.3	100x74x4.0	each	81.60
	9.215.4	100x63x4.0 mm	each	80.50
	9.215.5	100x63x3.2	each	79.30
	9.215.6	75x63x4.0 mm	each	71.40
	9.215.7	75x63x3.2 mm	each	68.50
	9.215.8	75x45x3.2 mm	each	61.40
9.218	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:			
	9.218.1	300x16 mm	each	199.70
	9.218.2	250x16 mm	each	164.50
9.219	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:			
	9.219.1	300x10 mm	each	99.50
	9.219.4	150x10 mm	each	58.40
	9.219.5	100x10 mm	each	45.50
9.220	Providing and fixing alluminium pull bolt lock 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:		each	59.80
9.221	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:		each	155.00
9.222	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:			
	9.222.1	125 mm	each	62.20
	9.222.2	100 mm	each	49.20
	9.222.3	75 mm	each	41.50
9.223	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:		each	28.20
	9.223.1	Single rubber stopper	each	28.20
	9.223.2	Twin rubber stopper	each	68.80

9.224	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:	each	61.80
9.225	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)	each	689.40
9.226	Providing and fixing aluminium tee chanals(heavy duty)with rollers,stop end in pelmets as curtain rod <i>i</i>	m	54.20

SUB HEAD: 10.0
STEEL WORK

BUILDING WORK - Contd.

10.0 Steel work

Code No.	Description	Unit	Rate Rs.
10.1	Structural steel work in singal section fixed without connecting plate including cutting,hoisting,fixing in position and applying a priming coat of approved steel primer all complete.	kg	51.80
10.3	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 ateeef primer all complete.	kg	57.30
10.5	Providing and fixing in position collapsible steel shutters with vertical channes 20x10x2 mm and braced with flat iron diagonals 20x5 mm size with top and bottom rail of T-tron 40x40x6 mm with 40 mm dia steel pulleys complete with bots.nuts locking arrangement stoppers handies including applying a priming coat of approved steel primer.	sqm	3225.70
10.6	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 bottem respectively including applying a priming coat of approved steel primer.	sqm	2368.50
10.7	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 completeincluding applying a priming coat of approved steel primer.	sqm	2090.40
	10.7.1 Using flats 30x6 mm for diagonal braces and central cross piece.	sqm	1959.90
10.8	Supplying and fixing rrltng shuters of approved make,made of required size of M.S.laths inter locked together through their intire length jnd jointed together at the end by end locks mounted on specially designed pipe shaft with brackets, side guides and arragements for insfde 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.		
	10.8.1 80x1.25mmM.S. Laths with 1.25mm thick top cover.	sqm	1764.40
	10.8.2 80x1.20mm thick M.S. laths with 1.20 mm thick top cover.	sqm	1504.40
	10.8.3 80x0.90 mm thick M.S. laths with 0.90 mm thick top cover.	sqm	1396.80
10.9	Providing and fixing ball bearing for rolling shutters	sqm	405.20
10.10	Extra for providing mechanical device chain and crank operation for operating rolling shutters:		

	10.10.1	Exceeding 10.00 sqm and upto 16.80 sqm in area (say average 14 sqm)	sqm	619.10
	10.10.2	Exceeding 16.80 sqm in area	sqm	654.30
	10.10A	Extra for providing grilled rolling shutters	sqm	263.90
10.11		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)	sqm	208.40
10.12		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.		
	10.12.1	Doors	sqm	2739.80
10.13		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.		
	10.13A	Steel doors.	sqm	215.50
	10.13B	Steel windows	sqm	256.80
	10.13C	Steel ventilators	sqm	262.20
10.14		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	kg	89.70

10.15	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:		
10.15.1	Profile B	metre	325.30
10.15.2	Profile C	metre	348.70
10.15.3	Profile E	metre	383.90
10.16	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:		
10.16.1	Hot finished welded type tubes	kg	77.70
10.16.2	Hot finished seamless type tubes	kg	90.00
10.16.3	Electric resistance or induction butt welded tubes	kg	98.70
10.19	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.	each	114.00
10.21	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.	each	117.30
10.22	Providing and fixing M.S. round holding down bolts with nuts and washer plates complete.	kg	64.20
10.23	providing and fixing bolts upto 300 mm in length	kg	78.60
10.24	providing and fixing bolts above 300 mm in length	kg	63.65
10.25	Providing and fixing M.S. rivets of sizes in position.	kg	95.30
10.26	Welding by gas plant including transportation of gas	cm	1.90
10.27	Welding by electric plant including transportation of electric welding plant at site etc. complete.	cm	1.90
10.28	Providing and fixing bright finished brass casement window fastners of minimum weight 200 gms to side hung steel windows with necessary welding and machine screws etc. complete.	each	61.50

10.29	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.	each	149.50
10.3	Providing and fixing bright finished brass peg stays to steel ventilators with necessary welding and machine screws etc. complete.		
10.30.1	300 mm long of minimum weight of 330 grams.	each	149.50
10.30.2	250 mm long of minimum weight of 240 grams.	each	126.00
10.31	providing and fixing 14 mm bright finishedf brass	each	208.10
10.32	Steel work welded in built up sections/framed work including cutting hoisting, rixing in position and applying a priming coat of approved steel primer using structural steel, etc. as required.		
10.32.1	In stringers, treads landings etc. of stair cases	kg	67.70
10.32.2	In gratings, frames, guard bar, ladders,	kg	68.90
10.33	Providing and fixing hand rail by welding etc. to steel ladder railings & staircases railing including applying a priming coat of approved steel primer		
10.33.1	MS tube (medium) 40mm nominal bore	kg	76.10
10.33.2	E.R.W tube 40 mm nominal dia	kg	101.90
10.33.3	G.I pipes 40 mm nominal bore (class B)	kg	85.60
10.33.4	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.	Per m	32.20
10.33.5	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.	Per m	22.70
10.33.6	Drilling 6mm Dia. In M.S. angle iron for fixing of staples etc. as per building specification and direction of E/I.	Each	3.90
10.33.7	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.	Each	12.20

SUB HEAD: 11.0
FLOORING WORK

BUILDING WORK - Contd.				
<u>11.0 FLOORING</u>				
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	430.60
	11.1.2	1:6(1 cement:6 coarse sand)	sqm	396.30
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	195.70
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	297.70

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 mm nominal size) by volume hardening 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	328.10
11.1	Cement plaster skirting (upto 30 cm height) 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	177.02
11.13	Cement concrete pavement with 1:2:4(1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size) including finishing complete.		cum	3539.20
11.14	Extra for making chequers of approved pattern on cement concrete floors, steps, landing, pavements etc.		sqm	15.10
11.15	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, black, chocolate, grey, yellow or Baroda green marble chips of sizes from 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.			
	11.15.1	Dark shade pigment with ordinary cement	sqm	341.20
	11.15.2	Light shade pigment with white cement	sqm	379.00
	11.15.3	Medium shade pigment with 50% white cement and 50% ordinary cement.	sqm	359.26
	11.15.4	White cement without any pigment	sqm	365.60
	11.15.5	Light shade pigment with ordinary cement.	sqm	346.20
	11.15.6	Ordinary cement without any pigment	sqm	322.80

11.16	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.		
11.16.1	Dark shade pigment with ordinary cement	sqm	295.50
11.16.2	Light shade pigment with white cement	sqm	349.40
11.16.3	Medium shade pigment with 50% white cement and 50% ordinary cement	sqm	321.30
11.16.4	White cement without any pigment	sqm	329.00
11.16.5	Light shade pigment with ordinary cement	sqm	302.60
11.16.6	Ordinary cement without any pigment	sqm	281.00
11.17	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 layer 12 mm thick with white, black, chocolate, grey, yellow or Baroda green marble chips of sizes from 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.		
11.17.1	Dark shade pigment with ordinary cement	sqm	314.90
11.17.2	Light shade pigment with white cement	sqm	390.40
11.17.3	Medium shade pigment with 50% white cement and 50% ordinary cement	sqm	361.30
11.17.4	White cement without any pigment	sqm	363.05
11.17.5	Light shade pigment with ordinary cement	sqm	375.70
11.17.6	Ordinary cement without any pigment	sqm	297.50
11.18	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 powder mix: 7 marble chips) by volume:		

11.18.1	18 mm thick with under layer 12 mm thick cement	sqm	355.70
11.18.2	21 mm thick with under layer 15 thick cement plaster 1:3(1 cement:3 coarse sand)		
11.18.2.1	Dark shade pigment with ordinary cement	sqm	418.90
11.18.2.2	Light shade pigment with white cement	sqm	456.70
11.18.2.3	Medium shade pigment with 50 % white cement and 50% ordinary cement	sqm	437.00
11.18.2.4	White cement without any pigment	sqm	443.30
11.18.2.5	Light shade pigment with ordinary cement	sqm	423.90
11.18.2.6	Ordinary cement without any pigment	sqm	437.30
11.20	Providing and fixing glass strips in joints of terrazo/cement concrete floors.		
11.20.1	40 mm wide and 4 mm thick	meter	22.20
11.24	Extra for laying terrazo flooring on stair case treads not exceeding 30cm in width including cost of forming, nosising etc.	sqm	17.10
11.29	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)		
11.29.1	Light shade using white cement	sqm	601.10
11.29.2	Medium shade using 50% white cement and 50% ordinary cement	sqm	553.90
11.29.3	Dark shade using ordinary cement	sqm	466.30
11.29.4	Ordinary cement without any pigment	sqm	434.70
11.3	Extra if terrazo tiles are laid in treads of steps not exceeding 30 cm in width	sqm	22.70
11.31	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.		
11.31.1	Light shade using white cement	sqm	1375.70
11.31.2	Medium shade using 50% white cement and 50% ordinary cement	sqm	604.70
11.31.3	Dark shade using ordinary cement	sqm	544.40

	11.31.4	Ordinary cement without any pigment	sqm	512.80
11.34A		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)		
	11.34A.1	Light shade using white cement	sqm	678.50
	11.34A.2	Medium shade using 50% white cement and 50% ordinary cement	sqm	605.50
	11.34A.3	Dark shade using ordinary cement	sqm	537.30
	11.34A.4	Ordinary cement without pigment	sqm	505.70
11.34B		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)		
	11.34B.1	Light shade using white cement	sqm	903.10
	11.34B.2	Medium shade using 50% white cement 50% grey cement	sqm	738.10
	11.34B.3	Dark shade using ordinary cement	sqm	545.70
	11.34B.4	Ordinary cement without any pigments	sqm	514.10
11.36		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.	sqm	863.60
11.37		Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturer) of 1st 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.	sqm	858.30

11.38	Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturer) of 1st 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 mortar 1:4 (1 cement: 4 coarse sand) including pointing the joints with white cement and matching pigment etc., complete.			sqm	1034.40
11.39	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 such as white , Ivory , Grey , Fume , Red , Brown , laid on 20 mm thick cement mortar 1:4 (1 cement: 4 Coarse sand) including grouting the joints with white cement and matching pigments etc, complete.			sqm	1065.20
11.40.	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 such as white , Ivory , Grey , Fume , Red , Brown , laid on 20 mm thick cement mortar 1:4 (1 cement: 4 Coarse sand) including grouting the joints with white cement and matching pigments etc, complete.			sqm	4877.50
11.41	Providing and laying vitrified floor tiles in different sizes {thickness to be specified by the manufacturer) 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.				
	1.1.41.1	Size of Tile 50x50 cm.		sqm	1311.60
	11.41.2	Size of Tile 60x60 cm		sqm	1471.70
	11.41.3	Size of Tile 80x80 cm		sqm	1724.20
	11.41.4	Size of Tile 100x100 cm		sqm	2414.00
11.41A	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.				
	11.41A.1	Marble tiles (polished) Raj nagar 8 mm thick		sqm	834.80

11.42	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:			
11.42.1	White Marble-			
11.42.7.1	Rajnagar plain white marble 18mm thick above 0.10 sqm upto 0.20 sqm		sqm	1565.40
11.42.7.2	Rajnagar plain white marble 18mm thick above 0.20 sqm upto 0.50 sqm :		sqm	1659.80
11.42.9	Black Zebra marble :		sqm	1376.50
11.42.14	Udaipur green marble		sqm	1632.80
11.42.18	Pink marble		sqm	1565.40
11.46	Extra for nosing in marble stone for treads		sqm	131.30
11.47	Extra for marble stone flooring in treads of steps. Not exceeding 30 cm in width.		sqm	155.10
11.48	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 .			
	11.48.1	25mm thick	sqm	851.10
11.49	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.		sqm	1048.20
SAND STONE FLOORING				
11.50	Supplying sand stone 40 mm thick for flooring ,carriage to site and rough chisel dressing			
	11.50.1	Red sand stone	sqm	249.90
	11.50.2	white sand stone	sqm	269.20
11.51.	40 mm thick rough chisel dressed stone flooring over 20 mm (average) thick base with joint finished flush.			
	11.51.1	Red sand stone	sqm	408.10
	11.51.2	White sand stone	sqm	427.50

11.52	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)			
	11.52.1	Red sand stone	sqm	377.90
	11.52.2	white sand stone	sqm	397.20
11.53	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)			
	11.53.1	Red sand stone	sqm	880.40
	11.53.2	White sand Jtone	sqm	899.70
11.58	Extra for nosing in steps and treads of kota stone slab		m	36.20
11.59	Extra for kota stone floring in steps and trades not exceeding 30 cm in width		sqm	7.90
11.67	25 mm wooden planking, tongued and grooved in flooring including fixing with iron screws complete .			
	11.67.2	2nd class teak wood	sqm	3026.60
11.68	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.		sqm	4767.00
11.71	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		kg	91.60
11.72	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,		sqm	170.20
11.73	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,		sqm	272.20

11.74	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/l, but excluding carriage cost of bricks & sand.	sqm	136.70
11.75	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/l,	sqm	216.30
11.76	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/l,	sqm	234.10

SUB HEAD: 12.0

ROOFING WORK

BUILDING WORK - Contd.			
<u>12.0 Roofing</u>			
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 ²	sqm	1009.95
	12.1.4	0.8mm thick with zinc coating not less than 275 gm/m ²	sqm	846.10
	12.1.5	0.63 mm thick with zinc coating not less than 275 gm/m ²	sqm	706.50
12.2	Extra for providing and fixing corrugated G. S. sheets vertically or to a pitch exceeding 60		sqm	4.80
12.3	Extra for providing and fixing curved C.G.S. sheets on roofing			
	12.3.4	0.80 mm thick	sqm	5.45
	12.3.5	0.63 mm thick	sqm	4.40
12.4	Extra for straight cutting in C.G. S. sheet roofing for making opening of area exceeding 40 dm ² for chimney stacks , sky light etc.			
	12.4.3	1.00 mm thick	m	20.95
	12.4.4	0.80 mm thick	m	16.80
	12.4.5	0.63 mm thick	m	16.80
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	118.70
	12.5.4	0.80 mm thick	m	94.80
	12.5.5	0.63 mm thick	m	94.80
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. I. limpet and bitumen washers complete. .			
	12.6.1	0.80 mm thick with zinc coating not less than 275 gm/m ² 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	418.80
	12.6.2	0.63 mm thick with zinc coating not less than 275 gm/m ²	m	359.60
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 ²	m	840.20
12.8	Providing flashing of 40 cm over al 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 ³	m	295.00
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 ²	m	377.70

	12.9.4	0.63 mm thick with zinc coating not less than 275 gm/m ² consider a length of 9.04 metres.	m	325.60
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	288.20
	12.10.2	above 60 degree pitch	sqm	293.13
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 ² for chimney stacks, skylights etc.		m	16.80
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 ²		m	139.60
12.13	Extra for providing and fixing wind ties of 40x6mm flat iron section.		m	89.80
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	185.20
	12.14.2	Serrated of plain wing adjustable ridges Consider a shed of 20x10 m (external dimension at plinth)	m	245.60
	12.14.3	Close fitting adjustable ridges consider a shed 20x10 metre (External dimension at plinth).	m	315.80
	12.14.5	Unserrated adjustable hips consider a shed with hip as 20.2 metres.	m	245.30
12.15	Providing and fixing asbestos cement roofing accessories 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	176.20
	12.15.2	Eaves filler pieces	m	131.70
	12.15.3	North light and ventilator curves	m	325.80
	12.15.4	Barge boards	m	209.50
	12.15.6	Ridge finials	pair	129.20
	12.15.8	Curved barge boards for north light curves	each	227.40
	12.15.9	Roof lights	each	1289.23
	12.15.10	Expansion joints for ridges	each	377.10
	12.15.11	Expansion joints for north light curves	each	293.70
	12.15.12	S type louvers	m	108.20
12.2	Providing flat iron brackets 50x3mm size, with necessary bolts, nuts and washers etc.for fixing asbestos cement /G.S sheet gutters with purlins.		m	49.05

12.29	Painting top of roofs with bitumen of approved quality at 17 kg per 10m ² impregnated with a coat of coarse sand at 60 cubic dm per 10m ² including cleaning the slab surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil complete:			
12.29.1	With residual type petroleum bitumen of penetration 80/100		sqm	90.80
12.33	Providing and laying brick tiles of class designation 100 over mumty 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.			
12.33.2	With F.P. brick tiles		sqm	307.70
12.33A	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		sqm	439.00
12.38	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			
12.38.1	In 75x75 mm deep chase		sqm	70.80
12.39	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		each	106.80
12.40	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:			
12.40.1	Red sand stone slab			
12.40.1.1	40 mm thick		sqm	294.60
12.40.1.2	45mm thick		sqm	319.10
12.40.1.3	50 mm thick		sqm	330.80
12.40.2	White sand stone slab			
12.40.2.1	40 mm thick		sqm	314.00
12.40.2.2	45 mm thick		sqm	344.90
12.40.2.3	50 mm thick		sqm	356.60
12.52	Grading roof for water proofing treatment with			

	12.52.2	Cement concrete 1:2:4(1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	cum	311.20
	12.52.3	Cement mortar 1:3(1 cement:3 coarse sand)	cum	491.70
	12.52.4	Cement mortar 1:4 (1 cement: 4 coarse sand)	cum	413.80
12.54	Providing and fixing 20 mm thick wooden planks ceiling (frame work for base to be paid separately) with M.S screws:			
	12.54.1	2nd class teak wood	sqm	1847.25
	12.54.3	1st class kail wood	sqm	812.60
12.55	Providing and fixing insulating board ceiling of approved quality with necessary nails etc complete (frame work to be paid separately)			
	12.55.1	Natural colour insulating board		
	12.55.1.1	12 mm thick	sqm	167.20
	12.55.2	White face insulating board		
	12.55.2.1	12 mm thick	sqm	567.60
	12.55.3	Flame retardant face insulating board		
	12.55.3.1	12mm thick	sqm	509.50
12.56	Providing and fixing hard board sheet ceiling of approved quality with necessary nails etc complete (frame work to be paid separately)			
	12.56.1	Standard quality boards		
	12.56.1.1	3 mm thick	sqm	244.70
	12.56.1.2	4.5 mm thick	sqm	270.60
12.57	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).			
	12.57.2	12 mm thick	sqm	522.20
12.58	Providing and fixing plain A.C. sheet ceiling of approved quality with necessary nails etc. complete (frame work to be paid separately):			
	12.58.2	6 mm thick	sqm	324.70
12.59	Extra for circular cutting and waste in ceiling with			
	12.59.1	2nd class teak wood planks 20 mm thick	m	297.60
	12.59.4	Natural colour insulating board		
	12.59.4.1	12 mm thick	m	123.30
	12.59.5	White face insulating board		
	12.59.5.1	12 mm thick	m	137.70
	12.59.6	Flame retardant face insulating board		
	12.59.6.1	12 mm thick	m	130.50
	12.59.7	Standard quality hard board sheet		
	12.59.7.1	3 mm thick	m	97.60
	12.59.7.2	4.5 mm thick	m	100.80
12.60	Extra for providing and fixing ceiling to curved surfaces in narrow widths		sqm	81.20

12.60A	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 ny 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		sqm	525.10
12.60C	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.		sqm	363.70
12.61	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)			
12.61.1	Flat surfaces		sqm	550.50
12.61.2	Curved surfaces		sqm	613.30
12.62	Extra for any sunk or raised moldings in the plaster of Paris (Gypsum anhydrous) ceiling		sqm	140.80
12.63	Extra for providing plaster of Paris (Gypsum anhydrous) ceiling above 5 metres height from floor level.		sqm	47.40
12.64	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).		sqm	2091.40
12.65	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)		sqm	22.30

12.67	Extra for making chamfered edges of beading			
12.67A	Thermal Insulation of roofing with bonded mineral wool, laid over false ceiling with suitable adhesive as per directions of the Engineer -in-charge.		sqm	209.70
12.67B	Thermal Insulation of roofing with Expanded polystyrene fixed with suitable adhesive to the false ceiling as per the directions of the Engineer-in charge			
12.67B.1	With Type N-Normal		sqm	285.80
12.67B.2	With Type SE Self Extinguishing type		sqm	285.80
12.68	Providing and fixing 100 mm diameter and 60 cm long rain water spout in cement mortar 1:4 (1 cement :4 fine sand)			
12.68.1	Stone ware spout		spout	41.10
12.68.2	Cement concrete spout		spout	41.10
12.71	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.			
12.71.1	75 mm diameter		each	80.40
12.71.2	100 mm diameter ;		each	80.50
12.71.3	150 mm diameter .		each	89.80
12.73	Providing lead caulked joints to sand cast iron rain water pipes and fittings:			
12.73.1	75 mm dia pipe		each	112.10
12.73.2	100 mm dia pipe		each	144.60
12.73.3	150 mm dia pipe		each	203.90
12.74	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):			
12.74.2	Sand cast iron plain shoes			
12.74.2.3	150 mm diameter		shoe	294.20
12.78	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.			
12.78.1	75 mm diameter		metre	107.30
12.78.2	110 mm diameter		metre	186.40

12.79	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.			
12.79.1	Coupler			
12.79.1.1	75 mm		each	85.60
12.79.1.2	110mm		each	117.00
12.79.2.1	Single pushfit coupler			
12.79.2.1	75 mm		each	104.30
12.79.2.2	110 mm		each	151.00
12.79.3	Single tee with door			
12.79.3.1	75x75x75 mm		each	198.40
12.79.3.2	110x110x110mm		each	276.50
12.79.4	Single tee without door			
12.79.4.1	75x75x75mm		each	175.00
12.79.4.2	110x110x110 mm		each	229.60
12.79.5	Band 87.5			
12.79.5.1	75 mm bend		each	92.60
12.79.5.2	110 mm bend		each	144.00
12.79.6	Shoe plain			
12.79.6.1	75 mm shoe		each	153.20
12.79.6.2	110m Shoe		each	275.39
12.8	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			
12.80.1	75 mm		each	95.70
12.80.2	110 mm		each	113.30
12.81	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams.		each	28.60

12.82	<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>	each	710.10
-------	---	------	--------

SUB HEAD: 13.0
FINISHING WORK

BUILDING WORK - Contd.

13.0 Finishing

Code No.	Description	Unit	Rate Rs.
	Cement plaster in course sand		
13.11	12 mm cement plaster of mix:		
13.11.1	1:3 (1 cement:3 coarse sand)	sqm	94.50
13.11.2	1:4(1 cement :4 coarse sand)	sqm	83.30
13.11.3	1:5(1 cement: 5 coarse sand)	sqm	77.30
13.11.4	1:6(1 cement: 6 coarse sand)	sqm	72.10
13.12	15 mm cement plaster on rough side of single or half brick wall of mix.		
13.12.1	1:3 (1 cement :3 coarse sand)	sqm	110.40
13.12.2	1:4(1 cement: 4 coarse sand)	sqm	97.00
13.12.3	1:5 (1 cement: 5 coarse sand)	sqm	89.80
13.12.4	1:6 (1 cement: 6 coarse sand)	sqm	83.60
13.13	20 mm cement plaster of mix ;		
13.13.1	1:3 (1 cement: 3 coarse sand)	sqm	135.60
13.13.2	1: 4(1 cement: 4 coarse sand)	sqm	118.20
13.13.3	1:5(1 cement: 5 coarse sand)	sqm	108.80
13.13.4	1:6(1 cement: 6 coarse sand)	sqm	100.80
13.14	12 mm lime plaster of mix:		
13.14.1	1:1:1 (1 lime putty:1 surkhi:1sand)	sqm	76.30
13.14.2	1:1:2(1 limeputty :1surkhi:2 sand)	sqm	70.40
13.14.3	1:2(1 lime: 2surkhi)	sqm	85.50
13.14.4	1:3(1lime putty: 3surkhi)	sqm	84.10
	CEMENT PLASTER WITH A FLOATING COAT OF NEAT CEMENT		
13.17	12 mm cement plaster 1:3(1 cement: 3 coarse sand) finished with a floating coat of near cement	sqm	117.60
13.18	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	133.50
13.19	18 mm cement plaster in two coat under layer 12 mm thick cement plaster 1:5 (1 cement: 5 course sand) and a top layer 6mm thick cement plaster 1:3(1 cement: 3 coarse sand finiished rough with sponge	sqm	114.10
13.2	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	125.40

13.24	6 mm cement plaster to ceiling of mix :			
	13.24.1	1:3(1 cement: 3 coarse sand)	sqm	67.40
	13.24.2	1:4(1 cement: 4 coarse sand)	sqm	61.80
13.26	Neat cement punning		sqm	24.30
13.30	Rough cast plaster upto 10m high 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:			
	13.30.1	Ordinary cement finish using ordinary cement	sqm	211.70
13.31	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 cement:3 coarse sand) mixed with 10% finely grounded hydrated lime by volume of cement:			
	13.31.1	Ordinary cement finish using ordinary cement	sqm	205.70
13.32	Pebble dash plaster 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	201.50
13.36	Extra for providing and mixing water proofing material in proportion recommended by the manufacturers:			
	13.36.1	12 mm cement plaster 1:3(1 cement :3 sand)	sqm	4.80
	13.36.2	12 mm cement plaster 1:4(1 cement :4 sand)	sqm	3.60
	13.36.3	15 mm cement plaster 1:3(1 cement :3 sand)	sqm	5.70
	13.36.4	15 mm cement plaster 1:4(1 cement :4 sand)	sqm	4.20
	13.36.5	20 mm cement plaster 1:3(1 cement:3 sand)	sqm	7.40
	13.36.6	20 mm cement plaster 1:4(1 cement: 4 sand)	sqm	5.50
13.37	Extra for plastering exterior walls of height more than 10m from ground level for every add it .irate height of 3 m or part there of		sqm	15.60
13.38	Extra for plastering on circular work not exceeding 6 m in radius :			
	13.38.1	In one coat	sqm	8.30
	13.38.2	In two coats	sqm	12.70

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	123.40
13.39.2	In two coats		sqm	203.50
13.40	Extra for plastering:			
13.40.1	Spherical ceiling		sqm	31.10
13.40.2	Groined ceiling		sqm	33.70
13.40.3	Hewing soffits		sqm	20.50
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	63.80
13.48	Extra for lining out plaster to imitate stone or concrete blocks walling		sqm	19.80
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	1.50
13.50.2	Sunk Band		1m long & 1cm wide	1.70
13.50.3	Raised Band		1m long & 1cm wide	1.90
13.50.4	Molded Band		1m long & 1cm wide	3.00
13.51	18 mm thick plain cement mortar band in cement mortar 1:4(1 cement :4 coarse sand):			
13.51.1	Flush Band		1m long & 1cm wide	1.90
13.51.2	Sunk Band		1m long & 1cm wide	2.10
13.51.3	Raised Band		1m long & 1cm wide	2.30
13.51.4	Molded Band		1m long & 1cm wide	4.10
13.52	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	4.10

13.56	Pointing on brick work with cement mortar 1:3(1 cement:3 coarse sand):			
	13.56.1	Flush pointing	sqm	50.20
	13.56.2	Ruled pointing	sqm	53.20
	13.56.3	Struck or weathered pointing	sqm	64.80
	13.56.4	Raised and cut pointing	sqm	81.90
13.57	Pointing on brick flooring with cement mortar 1:3(1 cement:3 coarse sand):			
	13.57.1	Flush pointing	sqm	41.70
	13.57.2	Ruled pointing	sqm	44.30
13.58	Pointing on brick flooring with cement mortar 1:4(1 cement :4 coarse sand):			
	13.58.1	Flush pointing	sqm	40.10
	13.58.2	Ruled pointing	sqm	42.80
13.63	Pointing on tile brick work with cement mortar 1:3(1 cement :3 coarse sand):			
	13.63.1	Flush pointing	sqm	69.40
	13.63.2	Ruled pointing	sqm	72.30
	13.63.3	Struck or weathered pointing	sqm	83.60
13.64	Pointing on stone work with cement mortar 1:3(1 cement:3 fine sand):			
	13.64.1	Flush pointing	sqm	70.60
	13.64.2	Ruled pointing	sqm	75.60
	13.64.3	Raised and cut pointing	sqm	128.50
13.68	Pointing on stone slab ceiling with cement mortar 1:2 (1 cement :2 coarse sand):			
	13.68.1	Flush pointing	sqm	40.90
	13.68.2	Ruled pointing	sqm	43.40
13.69	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	1.80
13.7	White washing with lime to give an ever shade			
	13.70.1	New work (three or more coats)	sqm	8.30
	13.70.2	Old work (two or more coats)	sqm	4.90
	13.70.3	Old work (one or more coats)	sqm	2.90
13.71	Satna lime wash on wads one coat		sqm	3.10
13.72	White washing with whiting to give an even shade :			
	13.72.1	New work (three or more goats)	sqm	8.20

	13.72.2	Old work (two or more coats)	sqm	5.00
	13.72.3	Old work (one or more coats)	sqm	2.90
13.73	Colour washing such as green, blue or buff to give an even shade			
	13.73.1	New work (two or more coats) with a base coat of white washing	sqm	11.10
	13.73.2	New work (two or more coats) with a base coat of whiting	sqm	10.90
	13.73.3	Old work (two or more coats) with lime	sqm	6.60
	13.73.4	Old work (two or more coats) with whiting	sqm	6.50
	13.73.5	Old work (one or more coats) with lime	sqm	3.70
	13.73.6	Old work (one or more coats) with whiting	sqm	3.70
13.74	Removing white or colour wash by scrapping and sand paper in and preparing the surface smooth including necessary repair scratches etc. complete		sqm	3.30
13.75	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	33.10
13.76	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	15.40
13.77	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade .			
	13.77.2	New work (two or more coats) over and including priming coat with cement primer	sqm	48.30
	13-77.3	Old work (one or more coats)	sqm	16.70
	13.77A	Distempering with 1st quality washable distemper (ready made) of approved manufacturer and of required shade and colour complete. As per manufacture's specifications.		
	13.77A.1	Two or more coats on new work	sqm	26.30
	13.77A.2	One or more coats on old work	sqm	15.10
13.78	Applying one coat of cement primer of approved brand and manufacture on wall surface:			
	13.78.1	Cement primer	sqm	20.30
	13.78.2	Distemper primer	sqm	21.30
13.79	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	47.70

	13.79.2	Old work (one or more coats)	sqm	31.20
13.8	Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repari scratches tec. Gmplete		sqm	4.30
13.81	Applying priming coat:			
	13.81.1	With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and softwood)	sqm	18.90
	13.81.2	with ready mixed aluminum primer of approved brand and manufacture on resinous wood and plywood.	sqm	17.80
	13.81.3	With ready mixed zinc chromate yellow primer of approved brand and manufacture on steel galvanized iron/steel works	sqm	15.10
	13.81.4	With ready mixed zinc chromate yellow primer of approved brand and manufacture on steel work (second coat)	sqm	8.40
13.82	Painting with ready mixed paint of approved brand and manufacture in all shades to give an even shade:			
	13.82.1	New steel work (two or more coats)	sqm	51.00
	13.82.2	New wood work (two or more coats)	sqm	51.00
	13.82.3	Old steel work (one or more coats)	sqm	32.50
	13.82.4	Old wood work (one more coats)	sqm	32.50
	13.82.A	Painting one thin coat with white lead of approved brand and manufacture on wet or patchy portion of plastered surfaces.	sqm	27.50
	13.82B	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.		
	13.82B.1	On steel work	sqm	87.70
	13.82B.2	On concrete work	sqm	88.10
13.83	Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:			
	13.83.1	New work (two or more coats) including a coat of approved steel primer but excluding a coat off mordant solution	sqm	44.10
	13.83.A	Applying a coat of mordant paint on G.S. sheet.		
	13.83.A	1 With a solution of 38 gms of copper acetate in a litre of soft water	sqm	10.00

	13.83.A	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	10.00
13.84		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:		
	13.84.1	50 mm diameter pipes	sqm	9.20
	13.84.2	75 mm diameter pipes	sqm	13.00
	13.84.3	100 mm diameter pipes	sqm	17.30
	13.84.4	150 mm diameter pipes	sqm	25.80
13.85		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:		
	13.85.1	50 mm diameter pipes	sqm	4.30
	13.85.2	75mm diameter pipes	sqm	6.00
	13.85.3	100 mm diameter pipes	metre	8.00
	13.85.4	150 mm diameter pipes	metre	11.50
13.86		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.		
	13.86.1	50 mm diameter pipes	metre	9.70
	13.86.2	75 mm diameter pipes	metre	13.50
	13.86.3	100 mm diameter pipes	metre	18.00
	13.86.4	150 mm diameter pipes	metre	26.80
13.87		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:		
	13.87.1	50 mm diameter pipes	metre	4.40
	13.87.2	75 mm diameter pipes	metre	6.30
	13.87.3	100 mm diameter pipes	metre	8.20
	13.87.4	150 mm diameter pipes	metre	11.80
13.88		Painting with oil type wood preservative of approved brand and manufacture:		
	13.88.1	New work (two or more coats)	sqm	14.90
	13.88.2	Old work(one or more coats)	sqm	11.50

	13.88 A	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	257.10
13.89		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	18.50
13.92		Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade:		
	13.92.1	Two or more coats on new work	sqm	47.10
	13.92.2	One or more coats on old work	sqm	30.10
13.93		Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:		
	13.93.1	Two or more coats on new work	sqm	38.60
	13.93.2	One or more coats on old work.	sqm	25.30
13.94		Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:		
	13.94.1	Two or more coats on new work over an under coat of suitable shade with ordinary pain ⁺ of approved brand and manufacture	sqm	59.60
13.95		Painting with aluminum paint of approved brand and manufacture to give an even shade.		
	13.95.1	Two or more coats on new work	sqm	34.40
	13.95.2	One or more coats on old work.	sqm	21.90
13.96		Painting with acid proof paint of approved brand and manufacture of required colour to give an even shade:		
	13.96.1	Two or more coats on new work.	sqm	37.70
	13.96.2	One or more coats on old work.	sqm	24.40
13.97		Painting with black anti-corrosive bitumastic paint of approved brand and manufacture to give an even shade:		
	13.97.1	Two or more coats on new work	sqm	32.40
	13.97.2	One or more coats on old work.	sqm	21.20
13.98		Floor painting with floor enamel paint of approved brand and manufacture of required colour to give an even shade:		
	13.98.1	Two or more coats on new work.	sqm	44.20
	13.98.2	One or more coats on ole work.	sqm	28.40
13.1		Varnishing with varnish of appr6ved brand and manufacture:		
	13.100.1	Two or more coats of glue sizing with copal varnish over an under coat of flatting varnish.	sqm	60.80

	13.100.3	One or more coats with copal varnish.	sqm	25.60
	13.100.4	Two more coats glue sizing with spar varnish or an under coat of flatting varnish.	sqm	61.90
	13.100.6	One or more coats with spar varnish.	sqm	26.30
13.101	French spirit polishing:			
	13.101.1	Two or more coats on works including a coat of wood filler.	sqm	103.40
	13.101.2	One or more coats on old work.	sqm	53.20
13.104	Polishing on wood work with ready made wax polish of approved brand and manufacture:			
	13.104.1	New work	sqm	43.50
	13.104.2	Old work	sqm	22.00
13.105	Floor polishing on masonry or concrete floors with wax polish off approved brand and manufacture.		sqm	19.20
13.106	Lettering with black Japan paint of approved brand and manufacture		1 letter of 1cm hight	1.20
13.107	Re-lettering with black Japan paint of approved brand and manufacture.		1 fetter of 1cm hight	0.80
13.112	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, tope 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	288.30
13.113	Forming groove of uniform size in the top layer of washed stone grit piaster 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.			
	13.113.1	15 mm wide and 15 mm deep groove	metre	14.90
	13.113.2	20 mm wide and 15 mm deep groove	metre	15.40
13.114	Extra for washed grit plaster on exterior walls of height more than 10 m from ground level for every additional hight of 3 m or part there of		sqm	31.70

13.115	Extra for washed stone grit plaster on circular work not exceeding 6m in radius (in coats).	sqm	24.60
13.116	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	28.10
13.117	Extra for using white cement in place of ordinary cement in the top layer of the item washed stone grit plaster.	sqm	80.90

SUB HEAD: 14.0
Repairs to buildings

BUILDING WORK - Contd.

14.0 Repairs to buildings

Code No.	Description	Unit	Rate Rs.
14.1	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.		
14.1.2	With cement mortar 1:4(1 cement:4 coarse sand)	sqm	124.50
14.2	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.		
14.2.1	Door chowkhats	each choukhat	360.70
14.2.2	Window chokhats	each choukhat	226.50
14.2.3	Clerestory window chowkhats	each choukhat	163.10
14.3	Making opening in brick masonry including dismantling, fixing chowkhats 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 to sides of choukhat and making good the damages to walls and floors complete to match the existing surface.		
14.3.1	For door	each choukhat	506.10
14.3.2	For window	each choukhat	335.50
14.3.3	For clerestory window	each choukhat	211.40
14.4	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:		
14.4.1	2nd class teak wood cleats with brass hinges and screws	each	59.30
14.4.3	Sal wood cleats with brass with brass hinges and screws	each	53.10
14.4.5	Kind class teak wood cleats with iron hidings and screws	each	41.70
14.4.7	Sal wood cleats with iron hinges and screws	each	35.50
14.4.8	1st class kail wood cleats with iron hinges and screws	each	24.40

	14.4.9	2nd class kail wood cleats with iron hinges and screws	each	24.40
14.5	Renewing glass panes, with putty and nails wherever necessary:			
	14.5.2	Float glass panes weighing 10 kg/m ² (4mm thick glass)	sqm	521.70
	14.5.3	Float glass panes weighing 13.75 kg/m ² (5.5mm thick glass)	sqm	702.40
14.6	Renewing glass, with wooden fillets wherever necessary:			
	14.6.2	Float glass panes weighing 10kg/m ² (4mm thick)	sqm	607.20
	14.6.3	Float glass panes weighing 13.75kg/m ² (5.5mm thick)	sqm	811.40
14.7	Renewing galss panes and re fixing existing wooden fillets:			
	14.7.2	Float glass panes weighing 10 kg/m ² (4mm thick)	sqm	527.10
	14.7.3	Float glass panes weighing 13.75kg/m ² (5.5 mm thick)	sqm	707.70
14.8	Supplying and fixing new wooden fillets wherever necessary			
	14.8.1	Second class teak wood fillets	sqm	20.40
	14.8.3	Hollock wood fillets	sqm	16.00
14.9	Renewal of old putty of glass panes (length)		metre	11.20
14.10	Refixing old glass panes with putty and nails		sqm	14.60
14.11	Fixing old glass panes with wooden fillets (excluding cost of fillets)		sqm	117.60
14.12	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		each	128.70
14.14	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:			
-	RED SAND STONE			
	14.14.1	30 to 40 mm thick	sqm	312.90
	14.14.2	45 mm thick	sqm	339.60
	14.14.3	50 mm thick	sqm	353.60
-	WHITE SAND STONE			
	14.14.4	30 TO 40mm thick	sqm	332.20
	14.14.5	45 mm thick	sqm	365.40
	14.14.6	50 mm thick	sqm	340.70
14.18	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:			
	14.18.1	Sal wood battens	cum	61881.60

14.19	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.			
	14.19.1	Not exceeding 4.00 metres in length		
	14.19.1.1	Sal wood beams	cum	66163.50
	14.19.1.4	Hollock wood beams	cum	43196.30
	14.19.2	Above 4.00 metres and upto 5.00 metres length		
	14.19.2.1	Sal wood beams	cum	67215.90
	14.19.2.4	Hollock wood beams	cum	66993.10
14.21	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		sqm	12.20
14.29	Taking out wind ties from roof including cutting out rusted bolts, nuts etc, and removing materials to any distance within compound and stacking.		Kg	0.50
14.30	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.		metre	49.20
14.31	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		kg	82.60

SUB HEAD: 15.0

Dismantling and demolishing

BUILDING WORK - Contd.

15.0 Dismantling and demolishing

Code No.	Description	Unit	Rate Rs.
15.1	Demolishing lime concrete and disposal of material within 50 metre lead.	cum	144.20
15.2	Demolishing cement concrete including disposal of material within 50 metre lead:		
15.2.1	1:3:6 or richer mix	cum	412.40
15.2.2	1:4:8 or leaner mix	cum	254.60
15.3	Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metres lead:	cum	601.70
15.4	Demolishing R.B. work including stacking of steel bars and disposal of unserviceable material within 50 metres lead:	cum	538.10
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	205.50
15.6	Extra for scrapping, cleaning and straightening reinforcement from R.C.C. or R.B. work.	kg	1.60
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	119.40
15.7.2	In lime mortar with old mugnal bricks	cum	301.80
15.7.3	In lime mortar	cum	144.20
15.7.4	In cement mortar	cum	348.90
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	796.10
15.8.3	From brick work in lime mortar	cum	922.70
15.3.1	From brick work in cement mortar	cum	1158.80
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	196.20
15.9.2	In cement mortar	cum	416.30
15.1	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	cum	248.10

	15.10,2	In cement mortar	cum	487.20
15.11	Removing mortar from stones and cleaning stones and concrete articles (net quantity of stacks of cleaned materials will be measured)			
	15.11.1	In lime mortar	cum	82.00
	15.11.2	In cement mortar	cum	117.70
15.12	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	each	65.20
	15.12.2	Of area beyond 3 sqm	each	89.30
15.13	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	each	25.30
	15.13.2	Of area beyond 3 sqm	each	33.40
15.14	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	cum	795.00
	15.14.2	Of sectional area below 40cm ²	m	3.20
15.15	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 ² and above	metre span	105.30
	15.15.2	Of sectional area below 40 cm ²	meter span	0.30
15.16	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	cum	151.50
	15.16.2	Of sectional area below 40 square centimeters	m	0.60
15.17	Dismantling steel work in single sections including dismembering and stacking within 50 meters lead in:			
	15.17.1	R.S. Joists	kg	0.60
	15.17.2	Channels.angles, tees and flats	kg	0.40
15.18	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.		kg	1.00
15.19	Dismantling steel work in built up sections without dismembering and stacking within 50 metres lead		kg	0.66

15.2	Extra for dismantling trusses, rafters, purlins etc. Of steel work for every additional span of one metre or part thereof beyond 10 metres		kg	0.15
15.21	Extra for dismantling trusses, rafters, purlins etc. Of steel work for every additional height of one metre or part thereof beyond 5 metres		kg	0.15
15.22	Extra for marking of structural steel work required to be re-erected.		kg	0.70
15.23	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	sqm	13.00
	15.23.2	For thickness of tiles above 25 mm and upto 40 mm	sqm	20.40
15.24	Demolishing dry brick pitching in floors, drains etc. including stacking serviceable material and disposal of unserviceable material within 50 metres lead.		cum	223.30
15.25	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.		sqm	45.20
15.26	Demolishing brick tile covering in terracing including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.		sqm	18.90
15.27	Demolishing mud phaska in terracing and disposal of material within 50 metres lead		cum	154.80
15.28	Dismantling roofing including ridges, hips valleys and gutters etc. and stacking the material within 50 metres lead of:			
	15.28.1	G.S. Sheet	sqm	29.00
	15.28.2	Asbestos sheet	sqm	13.50
15.29	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:		cum	451.80
15.3	Dismantling jack arch roofing and floors including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.		sqm	43.10
15.31	Dismantling tiled roofing with battens boarding etc. complete including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.		sqm	35.60
15.32	Demolishing thatch roofing including mats,bamboo,jaffari etc, complete including stacking of serviceable material and disposal of unserviceable material within 50 metres lead .		sqm	9.80
15.33	Dismantling wooden bairies in posts and struts including stacking within 50 metres lead		m	3.60

15.34	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 'I.' iron or pipe	each	41.00
	15,34.2	R. C. C.	each	44.25
15.35	Cutting bailies or wooden posts of fencing at the point of projection above the concrete or ground and stacking the same within 50 metres lead.		each	2.80
15.36	Dis nantling barbed wire or flexible rope in fencing including making roll.;; and stacking within 50 metres lead.		kg	6.20
15.37	Dismantling wooden trellis work excluding frames but including stacking the serviceable material within 50 metres lead.		sqm	11.20
15.38	Dismantling expanded metal or R.R.C. fabrics with necessary battens and beading including stacking the serviceable material within 50 metres lead.		sqm	13.10
15.39	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	sqm	10.70
	15.39.2	Thickness above 10 mm upto 25 mm	sqm	13.60
	15.39.3	Thickness above 25 mm upto 40 mm	sqm	15.80
15.4	Dismantling precast concrete or stone slabs in walls , partition walls etc. including stacking within 50 metres lead.			
	15.40.1	Thickness upto 40 mm	sqm	49.50
	15.40.2	Thickness above 40 mm upto 75 mm	sqm	74.20
15.41	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.		sqm	10.00
15.42	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 .	m	12.80
	15.42.2	100 mm dia pipe	m	13.20
	15.42.3	150 mm dia pipe	m	13.60
15.43	Dismantling including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.			
	15.4 3.1	Water bound macadam road	sqm	37.10
	15.4 3.2	' Bituminous road	sqm	72.90

15.45	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.			
	15.45.1	Upto 150 mm diameter	m	73.30
	15.45.2	Above 150 mm dia upto 300 mm dia	m	101.60
	15.45.3	Above 300 mm diameter	m	134.10
15.46	Dismantling steel cylinder R.C. 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.			
	15.46.1	Upto 600 mm diameter	m	134.10
	15.46.2	Above 600 mm diameter	m	334.70
15.47	Dismantling asbestos cement pressure pipes including excavation and refilling trenches after taking out the pipes and stacking the pipes within 50 metres lead .			
	15.47.1	Upto 150 mm diameter	m	56.10
	15.47.2	Above 150 mm diameter	m	68.10
15.48	Taking out C. I. cover with frame from R.C.C. top slab of manholes of various sizes including demolishing of R.C.C, work and stacking of useful materials near the site and disposal of unserviceable materials into municipal dumps within 50 metres lead.		each	119.10
15.49	Taking out C.I. cover with frame from R.C.C. top slab of inspection chambers of various sizes including demolishing of R.C.C. work and stacking of useful materials near the site and disposal of unserviceable materials into municipal dumps within 50 metres		each	69.60
15.5	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.		each	779.90
15.51	Dismantling or 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		each	163.25
15.52	Dismantling of flushing cistern of any size including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.		each	161.90

15.53	Dismantling of C.I. sluice valve including stacking of useful materials within a lead of 50 metres.			
	15.53.	Upto 150 mm dia .	nos	57.70
	15.53.L	Above 150 mm diameter	nos	211.50
15.54	Dismantling of spindle fire hydrant including stacking of useful materials within 50 metres lead		nos	129.20
15.55	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.			
	15.55.1	120x120 cm(outside to outside)	nos	187.00
	15.55.2	210x120 cm (outside to outside)	nos	286.77
	15.55.3	320x120 cm (outside to outside)	nos	405.90
15.56	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.		sqm	9.20
15.57	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.		sqm	10.00
BARRICADING WORK				
15.58	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.		Per m	110.10

SUB HEAD: 18.0

Horticulture and Landscaping

BUILDING WORK-Contd.

18.0 Horticulture and Landscaping

Code No.	Description	Unit	Rate Rs.
18.1	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).	cum	19.00
18.2	Supplying and stacking of good earth at site including royalty but excluding carriage (earth measured in stacks will be reduced by 20% for payment).	cum	60.90
16.4	Supplying and stacking a' site dump manure from approved source, excluding carriage (manure measured in stacks will be reduced by 8% for payment)		
18.4.1	Screened through sieve of I.S. designation 20 mm	cum	16.00
18.4.2	Screened through sieve of I.S. Designation 16 mm	cum	24.90
18.4,3	Screened through sieve of I.S. designation 4.75 mm	cum	32.00
18.5	Rough dressing the trenched ground including breaking clods.	100sqm	36.40
18.6	Uprooting weeds form the trenched area after 10 to 15 days of its flooding with water including disposal of uprooted vegetation.	100sqm	118.80
18.7	Fine dressing the ground	100sqm	89.50
18,8	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).	cum	12.75
18.9	Mixing earth and sjudge or manure in porportion specified or directed.	cum	8.90
18.10	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.		
18.10.1	In rows 15 cm apart in either direction.	100sqm	133.40
18.10.2	In rows 7.5 cm apart in either direction.	100sqm	279.90

	18.10.3	In rows 5 cm apart in either direction.	100sqm	429.70
18.11		Renovating lawns including weeding,cheeling the grass,foraking 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.	100 sqm	834.40
18.12		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.	100sqm	1467.40
18.13		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).	cum	54.00
18.14		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):		
	18.14.1	Holes 1.2 m dia, And 1.2 m deep.	each	221.90
	18.14.2	Holes 60 cm ciia. And 60 cm deep.	each	28.26
18.15		Half brick circular tree guard in 50 class designation bricks, internal diameter 1.25 metre and height 1.? 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:		
	18-15.1	With F.P.S. Bricks	each	861.10

18.16	Providing and fixing M.S. fiat 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.	each	1943.30
18.19	Edging with bricks laid dry length wise including excavation, refilling, consolidating with hand packing and spreading neatly susrplus earth within a lead of 50 m:		
18.19.1	100A class designation.		
18.19.1.1	F.P.S.Bricks	m	24.40
18.19.1.2	100Bclass designation.	m	19.20
18.2	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).	m	4.20
18.21	Excavation in dumped stones or malba including stacking of serviveable 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.	cum	124.00
18.22	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,	cum	138.20
18.23	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.	cum	168.40
18.24	Flooding the ground with water including making kiaries and dismantelling the same.	100sqm	54.20

SUB HEAD: 23.0

Pile work

BUILDING WORK - Contd.

23.0 Pile work

Code No.	Description	Unit	Rate Rs.
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	364.60
23.2.2	400 mm dia piles	meter	649.50
23.2.3	450 mm dia piles	meter	822.30
23.2.4	600 mm dia piles	meter	1461.90
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	72.70
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	77.50

23.3	Boring, Providing <i>znd</i> installing cast in situ single under reamed piles of specified diametre and length below pile cap in cement concrete piles with mix 1:134:3 (1 cement:1 ¹ / ₂ 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 reinfrement 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 piie for payment shall be measured upto to the bottom of pile cap).			
	23.3.1	300 mm dia piles	meter	421.80
	23.3.2	400 mm dia piles	meter	799.70
	23.3.3	450 mm dia piles	meter	1030.60
	23.3.4	500 mm dia piles	meter	1243.60
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	562.50
23.7	Vertical load testing of pile in accordance with IS 2911 (Part IV) including installation of loading plateform 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	17246TUp to 50 tonne capacity pile cost per test	per test	38947.40
	23.7.1.2	Above 50 tonne&puto 100 tonne capacity pile.	per test	47276.50
	23.7.2	Group of two or more pile.		
	23.7.2.1	Upto 50 tonne capacity each .	per test	56896.10
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	181832.80
	23.8.2	Group of two piles.		
	23.8.2.1	Upto 50 tonne capacity each,	per test	34606.90
23,9	Lateral load testing of singie pile in accordance with I.S. Code of practive I.S. 2911 (part IV) for determining safe allowable lateral load on pile:			
	23.9.1	Upto 50 tonne capacity pile	per test	17596.70
	23.9.2	Above 50 tonne & 100 tonne capacity piles.	per test	27568.20

SUB HEAD: 24.0
Aluminium work

BUILDING WORK - Contd.				
<u>24.0 Aluminium work</u>				
Code No.	Description		Unit	Rate Rs.
24.1	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.)			
24.1.1	For fixed portion		kg	343.40
24.1.2	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.)		kg	360.42
24.2	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.			
24.2.1	Pre-laminated particle board with decorative lamination on one side and balancing lamination of other side.		sqm	906.90
24.2.2	Prelaminated particle board with decorative finish on both side		sqm	943.90
24.3	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.)			
24.3.1	With glass panes of 4.0 mm thickness (weight not less than 10.0kg/sqm)		sqm	669.80

	24.3.2	With glass panes of 5.50 mm thickness(weight not less than 13.75 kg/sqm)	sqm	851.00
24.4		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.	each	1890.40
24.5		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).	kg	432.60
24.6		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 sine chromate yellow primer for steel members complete.	each	102.70
24.7		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)		
	24.7.1	Made out of 170 mm wide anodised aluminium sheet 2.5 mm thick.	kg	285.80
	24.7.2	Made out of 210 mm wide anodised aluminium sheet 2.5 mm thick.	kg	285.41

SUB HEAD: 25.0

Water proofing

BUILDING WORK - Contd.

25.0 Water proofing

Code No.	Description	Unit	Rate Rs.
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 proportion. Joints sealed and grouted with cement slurry mixed with water proofing compound conforming to IS: 12645 in proportions recommended by the manufacturer. II) 2nd'c'lass layer of 25 mm thick cement mortar 1:3 (1 cement:3 coarse sand) mixed with water proofing compound in recommended proportions. III) Finishing top with stone aggregate of 10 mm to 12 mm nominal size spreadidng @ 8 cudm/sqm thoroughly embedded in the 2nd layer.		
	25.1.1 Using rough kota sotne.	sqm	784.00
	25.1.2 Using rough red sand stone.	sqm	715.10
25.2	Providing and laying integral cement based treatment for water proofing on the vertical surface by fixing sspecified stone slab 20 mm thick with cemmm 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	975.60
	25.2.2 Using rough red sand stone.	sqm	904.60
25.3	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).		
		sqm	313.20

25.4	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		
25.4.1	Serrated with central bulb (225 mm wide, 8-11 mm thick)	m	456.70
25.4.2	Dumb bell with Central bulb (180 mm wide, 8 mm thick)	m	415.50
25.4.3	Kickers (320 mm wide, 5 mm thick)	m	426.00
25.5	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 ² per sqm including preparation of surface excluding grading for slope etc. complete.	sqm	301.60
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 ² per sqm , including preparation of surface excluding grading for slope etc. complete.	sqm	473.30
25.7	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 ² per sqm including preparation of surface ' excluding grading for slope etc, complete.	sqm	644.60
25.8	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies , terraces etc, consisting of following operations. (a) 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) 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 required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions, or walls and slabs. (c) After two days of proper curing applying a seccoung coat of cement slurry admixed with proprietary		

	water proofing compound conforming to IS : 2645. (d) 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. (e) 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.		
25.8.1	With average thickness of 120 mm and minimum thickness at khurras point to be 65 ..	sqm	520.90
25.9.1	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 & 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 (Icement: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 .	sqm	375.40
25.9.2	Providing and laying in situ five 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 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.	sqm	288.90

25.9.3	<p>Providing and laying in situ seven course water proofing treatment with APP (AtacticPolypropylene) modified Polymeric membrane over roof consisting of first coat of bitumen primer @ 0.40Kg per sqm, 2nd, 4th & 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 1 OOmicon HMHDPE film sandwitched 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>	sqm	440.40
--------	--	-----	--------