
SUB HEAD : 17.0
SANITARY INSTALLATIONS

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Code	Description	Unit	Quantity	Rate ₹	Amount ₹
17	1 Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm Sand Cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, manually controlled device (handle lever) conforming to IS :7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required.				
17.1.1	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.				
	Details of cost for 1 pan.				
	MATERIAL:				
1954	Vitreous china orrisa type W.C. pan size 580 mm	each	1.00	1290.00	1290.00
7358	Flushing Cistern P.V.C. 10 litre capacity (low level) (White) (with fittings, accessories and flush pipe)	each	1.00	575.00	575.00
1896	100 mm S.C.I. trap with vent heel	each	1.00	325.00	325.00
9999	Cement, sand and grit etc.	L.S.	26.91	2.12	57.05
9999	Carriage of materials	L.S.	26.91	2.12	57.05
	LABOUR:				
0116	Fitter (grade 1)	day	1.25	420.00	525.00
0123	Mason (brick layer) 1st class	day	0.50	413.00	206.50
114	Beldar	day	1.00	306.00	306.00
	TOTAL				3341.60
	Add Water Charges @ 1%				33.42
	TOTAL				3375.01 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				474.19
	Total				3849.20 (Y)
	Add CPOH @ 15%				577.38
	Cost of each				4426.58
	Add 1% labour cess				44.27
	Cost of each				4470.85
	Say			4470.90	
17.1.2	Stainless Steel AISI-304(18/8) Orissa pattern W.C. pan of size 585x480 mm with flush pipe and integrated type foot rests.				
	Details of cost for 1 pan.				
	MATERIAL:				
7805	Salem Stainless steel AISI - 304 (18/8) Orrisa pattern W.C. pan 724 mm X 578 mm	each	1.00	4500.00	4500.00
7358	Flushing Cistern P.V.C. 10 litre capacity (low level) (White) (with fittings, accessories and flush pipe)	each	1.00	575.00	575.00
1896	100 mm S.C.I. trap with vent heel	each	1.00	325.00	325.00
9999	Cement, sand and grit etc.	L.S.	26.91	2.12	57.05
9999	Carriage of materials	L.S.	26.91	2.12	57.05
	LABOUR:				
0116	Fitter (grade 1)	day	1.25	420.00	525.00
0123	Mason (brick layer) 1st class	day	0.50	413.00	206.50
0114	Beldar	day	1.00	306.00	306.00
	TOTAL				6551.60
	Add Water Charges @ 1%				65.52
	TOTAL				6617.11 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				929.70
	Total				7546.82 (Y)
	Add CPOH @ 15% on "Y"				1132.02
	Cost of each				8678.84







Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add 1% labour cess				86.79
	Cost of each				8765.63
	Say		8765.60	each	
17.2	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required.				
17.2.1	W.C. pan with ISI marked white solid plastic seat and lid.				
	Details of cost for 1 pan.				
	MATERIAL:				
1875	White plastic seat (solid) with lid C.P. brass hinges and rubber buffers	each	1.00	410.00	410.00
1955	Vitreous china pedestal type water closet	each	1.00	1025.00	1025.00
7358	Flushing Cistern P.V.C. 10 litre capacity (low level) (White) (with fittings, accessories and flush pipe)	each	1.00	575.00	575.00
9999	Cement, sand and grit etc.	L.S.	26.91	2.12	57.05
9999	Carriage of materials	L.S.	26.91	2.12	57.05
	LABOUR:				
0116	Fitter (grade 1)	day	1.25	420.00	525.00
0123	Mason (brick layer) 1st class	day	0.50	413.00	206.50
114	Beldar	day	1.00	306.00	306.00
	TOTAL				3161.60
	Add Water Charges @ 1%				31.62
	TOTAL				3193.21 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				448.65
	Total				3641.86 (Y)
	Add CPOH @ 15% on "Y"				546.28
	Cost of each				4188.14
	Add 1% labour cess				41.88
	Cost of each				4230.02
	Say		4230.00	each	
17.2.2	W.C. pan with ISI marked black solid plastic seat and lid				
	Details of cost for 1 pan.				
	MATERIAL:				
1876	Black plastic seat (solid) with lid C.P. brass hinges and rubber buffers	each	1.00	325.00	325.00
1955	Vitreous china pedestal type water closet	each	1.00	1025.00	1025.00
7358	Flushing Cistern P.V.C. 10 litre capacity (low level) (White) (with fittings, accessories and flush pipe)	each	1.00	575.00	575.00
9999	Cement, sand and grit etc.	L.S.	26.91	2.12	57.05
9999	Carriage of materials	L.S.	26.91	2.12	57.05
	LABOUR:				
0116	Fitter (grade 1)	day	1.25	420.00	525.00
0123	Mason (brick layer) 1st class	day	0.50	413.00	206.50
0114	Beldar	day	1.00	306.00	306.00
	TOTAL				3076.60
	Add Water Charges @ 1%				30.77
	TOTAL				3107.36
	Add GST 12% on "X" (multiplying factor 0.1405)				436.58

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	Total				3543.95 (Y)
	Add CPOH @ 15%				531.59
	Cost of each				4075.54
	Add 1% labour cess				40.76
	Cost of each				4116.30
	Say		4116.30	each	
17.3	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I.brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required.				
17.3.1	W.C. pan with ISI marked white solid plastic seat and lid.				
	Details of cost for 1 pan.				
	MATERIAL:				
1875	White plastic seat (solid) with lid C.P. brass hinges and rubber buffers	each	1.00	410	410.00
1955	Vitreous china pedestal type water closet	each	1.00	1025	1025.00
7006	Vitreous china 10 litres low level cistern with fittings	each	1.00	1200.00	1200.00
9999	Overflow arrangement and specials for overflow pipe	L.S.	62.79	2.12	133.11
1350	Mosquito proof coupling of approved design	each	1.00	30.00	30.00
9999	Plugs, screws etc	L.S.	13.52	2.12	28.66
9999	Red lead, white lead and gasket	L.S.	16.12	2.12	34.17
9999	Cement, sand and grit etc.	L.S.	26.91	2.12	57.05
9999	Carriage of materials	L.S.	26.91	2.12	57.05
	LABOUR:				
0116	Fitter (grade 1)	day	1.00	420.00	420.00
0123	Mason (brick layer) 1st class	day	1.00	413.00	413.00
114	Beldar	day	1.00	306.00	306.00
	TOTAL				4114.05
	Add Water Charges @ 1%				41.14
	TOTAL				4155.19 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				583.80
	Total				4738.99 (Y)
	Add CPOH @ 15% on Y				710.85
	Cost of each				5449.84
	Add 1% labour cess				54.50
	Cost of each				5504.34
	Say		5504.30	Each	
17.3.2	W.C. pan with ISI marked black solid plastic seat and lid.				
	Details of cost for 1 pan.				
	MATERIAL:				
1876	Black plastic seat (solid) with lid C.P. brass hinges and rubber buffers	each	1.00	325.00	325.00
1955	Vitreous china pedestal type water closet	each	1.00	1025.00	1025.00
7006	Vitreous china 10 litres low level cistern with fittings	each	1.00	1200.00	1200.00
9999	Overflow arrangement and specials for overflow pipe	L.S.	62.79	2.12	133.11
1350	Mosquito proof coupling of approved design	each	1.00	30.00	30.00
9999	Plugs, screws etc	L.S.	13.52	2.12	28.66
9999	Red lead, white lead and gasket	L.S.	16.12	2.12	34.17






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Code	Description	Unit	Quantity	Rate ₹	Amount ₹
9999	Cement, sand and grit etc.	L.S.	26.91	2.12	57.05
9999	Carriage of materials	L.S.	26.91	2.12	57.05
	LABOUR:				
0116	Fitter (grade 1)	day	1.00	420.00	420.00
0123	Mason (brick layer) 1st class	day	1.00	413.00	413.00
0114	Beldar	day	1.00	306.00	306.00
	TOTAL				4029.05
	Add Water Charges @ 1%				40.29
	TOTAL				4069.34 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				571.74
	Total				4641.08 (Y)
	Add CPOH @ 15% on "Y"				696.16
	Cost of each				5337.25
	Add 1% labour cess				53.37
	Cost of each				5390.62
	Say			5390.60	Each
17.4	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required.				
17.4.1	One urinal basin with 5 litre white P.V.C. automatic flushing cistern.				
	Details of cost for one no..				
Code	Description	Unit	Quantity	Rate	Amount
	Details of cost for one no..				
	MATERIAL:				
1913	Vitreous china lipped front urinal	each	1.00	470.00	470.00
7359	P.V.C. automatic flushing cistern 5 litre capacity	each	1.00	450.00	450.00
7375	G.I. flush pipe and C.P. brass spreader including C.P. connecting pipe Single lipped urinal	each	1.00	445.00	445.00
9999	Red lead, white lead and gasket	L.S.	13.52	2.12	28.66
9999	Plugs, screws etc	L.S.	13.52	2.12	28.66
9999	Cement, sand and grit etc.	L.S.	13.52	2.12	28.66
9999	Painting of fittings etc.	L.S.	39.00	2.12	82.68
9999	Carriage of materials	L.S.	26.91	2.12	57.05
	LABOUR:				
116	Fitter (grade 1)	day	0.88	420.00	369.60
123	Mason (brick layer) 1st class	day	0.88	413.00	363.44
114	Beldar	day	1.50	306.00	459.00
	TOTAL				2782.76
	Add Water Charges @ 1%				27.83
	TOTAL				2810.58 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				394.89
	Total				3205.47 (Y)
	Add CPOH @ 15% on "Y"				480.82
	Cost of each				3686.29
	Add 1% labour cess				36.86
	Cost of each				3723.15
	Say			3723.20	Each
17.4.2	Range of two urinal basins with 5 litre white P.V.C. automatic flushing cistern.				
	Details of cost for one no.				
	MATERIAL:				
1913	Vitreous china lipped front urinal	each	2.00	470.00	940.00

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
7359	P.V.C. automatic flushing cistern 5 litre capacity	each	1.00	450.00	450.00
7376	G.I. flush pipe and C.P. brass spreader including C.P. connecting pipe Range of two lipped urinals	each	1.00	765.00	765.00
9999	Red lead, white lead and gasket	L.S.	20.28	2.12	42.99
9999	Plugs, screws etc	L.S.	20.28	2.12	42.99
9999	Cement, sand and grit etc.	L.S.	20.28	2.12	42.99
9999	Painting of fittings etc.	L.S.	39.00	2.12	82.68
9999	Carriage of materials	L.S.	26.91	2.12	57.05
	LABOUR:				
116	Fitter (grade 1)	day	1.50	420.00	630.00
123	Mason (brick layer) 1st class	day	1.50	413.00	619.50
114	Beldar	day	2.00	306.00	612.00
	TOTAL				4285.21
	Add Water Charges @ 1%				42.85
	TOTAL				4328.06 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				608.09
	Total				4936.15 (Y)
	Add CPOH @ 15% on "Y"				740.42
	Cost of each				5676.58
	Add 1% labour cess				56.77
	Cost of each				5733.34
	Say				5733.30 Each

17.4.3 Range of three urinal basins with 10 litre white P.V.C. automatic flushing cistern.

Code	Description	Unit	Quantity	Rate	Amount
	Details of cost for one no.				
	MATERIAL:				
1913	Vitreous china lipped front urinal	each	3.0	470.00	1410.00
7361	P.V.C. automatic flushing cistern 10 litre capacity	each	1.0	500.00	500.00
7377	G.I. flush pipe and C.P. brass spreader including C.P. connecting pipe Range of three lipped urinals	each	1.0	1050.00	1050.00
9999	Red lead, white lead and gasket	L.S.	33.7	2.12	71.38
9999	Plugs, screws etcX	L.S.	33.7	2.12	71.38
9999	Cement, sand and grit etc.	L.S.	33.7	2.12	71.38
9999	Painting of fittings etc.	L.S.	39.0	2.12	82.68
9999	Carriage of materials	L.S.	40.3	2.12	85.44
	LABOUR:				
116	Fitter (grade 1)	day	2.0	420.00	840.00
123	Mason (brick layer) 1st class	day	2.0	413.00	826.00
114	Beldar	day	3.0	306.00	918.00
	TOTAL				5926.26
	Add Water Charges @ 1%				59.26
	TOTAL				5985.52 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				840.97
	Total				6826.49 (Y)
	Add CPOH @ 15% on Y				1023.97
	Cost of each				7850.46
	Add 1% labour cess				78.50
	Cost of each				7928.96
	Say				7929.00 Each














Code	Description	Unit	Quantity	Rate ₹	Amount ₹
17.4.4	Range of four urinal basins with 10 litre white P.V.C. automatic flushing cistern.				
	Details of cost for one no.				
	MATERIAL:				
1913	Vitreous china lipped front urinal	each	4.00	470.00	1880.00
7361	P.V.C. automatic flushing cistern 10 litre capacity	each	1.00	500.00	500.00
7378	G.I. flush pipe and C.P. brass spreader including C.P. connecting pipe Range of four lipped urinals	each	1.00	1430.00	1430.00
9999	Red lead, white lead and gasket	L.S.	53.82	2.12	114.10
9999	Plugs, screws etc	L.S.	53.82	2.12	114.10
9999	Cement, sand and grit etc.	L.S.	53.82	2.12	114.10
9999	Painting of fittings etc.	L.S.	39.00	2.12	82.68
9999	Carriage of materials	L.S.	53.82	2.12	114.10
	LABOUR:				
116	Fitter (grade 1)	day	3.00	420.00	1260.00
123	Mason (brick layer) 1st class	day	3.00	413.00	1239.00
114	Beldar	day	4.00	306.00	1224.00
	TOTAL				8072.07
	Add Water Charges @ 1%				80.72
	TOTAL				8152.79 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1145.47
	Total				9298.26 (Y)
	Add CPOH @ 15% on Y				1394.74
	Cost of each				10693.00
	Add 1% labour cess				106.93
	Cost of each				10799.93
	Say			10799.90 Each	
17.5	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required.				
17.5.1	Single half stall urinal with 5 litre PVC. automatic flushing cistern.				
	Details of cost for one no.				
	MATERIAL:				
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	1.00	865.00	865.00
7359	P.V.C. automatic flushing cistern 5 litre capacity	each	1.00	450.00	450.00
1532	Flush pipe with union spreaders and clamps all in C.P. brass for single stall	each	1.00	310.00	310.00
1891	C.I. trap for standard urinal with vent arm with operating and other couplings in C.P. brass: 50mm dia	each	1.00	190.00	190.00
9999	Red lead, white lead and gasket	L.S.	17.55	2.12	37.21
9999	Cement, sand and grit etc.	L.S.	26.91	2.12	57.05
9999	Painting of fittings etc.	L.S.	26.00	2.12	55.12
9999	Carriage of materials	L.S.	40.43	2.12	85.71
	LABOUR:				
116	Fitter (grade 1)	day	1.75	420.00	735.00

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
123	Mason (brick layer) 1st class	day	2.00	413.00	826.00
114	Beldar	day	4.00	306.00	1224.00
	TOTAL				4835.09
	Add Water Charges @ 1%				48.35
	TOTAL				4883.44 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				686.12
	Total				5569.56 (Y)
	Add CPOH @ 15% on Y				835.43
	Cost of each				6404.99
	Add 1% labour cess				64.05
	Cost of each				6469.04
	Say			6469.00 Each	
17.5.2	Range of two half stall urinals with 5 litre PVC. automatic flushing cistern.				
	Details of cost for one no.				
	MATERIAL:				
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	2.00	865.00	1730.00
7359	P.V.C. automatic flushing cistern 5 litre capacity	each	1.00	450.00	450.00
1533	Flush pipe with union spreaders and clamps all in C.P. brass for double stall	each	1.00	425.00	425.00
1891	C.I. trap for standard urinal with vent arm with operating and other couplings in C.P. brass: 50 mm dia	each	1.00	190.00	190.00
9999	Red lead, white lead and gasket	L.S.	17.55	2.12	37.21
9999	Cement, sand and grit etc.	L.S.	53.82	2.12	114.10
9999	Painting of fittings etc.	L.S.	26.00	2.12	55.12
9999	Carriage of materials	L.S.	53.82	2.12	114.10
	LABOUR:				
116	Fitter (grade 1)	day	2.50	420.00	1050.00
123	Mason (brick layer) 1st class	day	3.00	413.00	1239.00
114	Beldar	day	6.00	306.00	1836.00
	TOTAL				7240.52
	Add Water Charges @ 1%				72.41
	TOTAL				7312.93 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1027.47
	Total				8340.39 (Y)
	Add CPOH @ 15% on Y				1251.06
	Cost of each				9591.45
	Add 1% labour cess				95.91
	Cost of each				9687.37
	Say			9687.40 Each	
17.5.3	Range of three half stall urinals with 10 litre PVC. automatic flushing cistern.				
	Details of cost for one no.				
	MATERIAL:				
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	3.00	865.00	2595.00
7361	P.V.C. automatic flushing cistern 10 litre capacity	each	1.00	500.00	500.00
1534	Flush pipe with union spreaders and clamps all in C.P. brass for range of three stall	each	1.00	525.00	525.00
1893	C.I. trap for standard urinal with vent arm with operating and other couplings in C.P. brass: 80 mm dia	each	1.00	225.00	225.00














Code	Description	Unit	Quantity	Rate ₹	Amount ₹
9999	Red lead, white lead and gasket	L.S.	17.55	2.12	37.21
9999	Cement, sand and grit etc.	L.S.	80.73	2.12	171.15
9999	Painting of fittings etc.	L.S.	26.00	2.12	55.12
9999	Carriage of materials	L.S.	67.21	2.12	142.49
	LABOUR:				
116	Fitter (grade 1)	day	3.00	420.00	1260.00
123	Mason (brick layer) 1st class	day	3.50	413.00	1445.50
114	Beldar	day	7.00	306.00	2142.00
	TOTAL				9098.46
	Add Water Charges @ 1%				90.98
	TOTAL				9189.44 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1291.12
	Total				10480.56 (Y)
	Add CPOH @ 15% on Y				1572.08
	Cost of each				12052.64
	Add 1% labour cess				120.53
	Cost of each				12173.17
	Say				12173.20 Each

17.5.4 Range of four half stall urinals with 10 litre PVC. automatic flushing cistern.

Details of cost for one no.

MATERIAL:

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	4	865	3460.00
7361	P.V.C. automatic flushing cistern 10 litre capacity	each	1.00	500.00	500.00
1535	Flush pipe with union spreaders and clamps all in C.P. brass for range of four stall	each	1.00	610.00	610.00
1893	C.I. trap for standard urinal with vent arm with operating and other couplings in C.P. brass: 80 mm dia	each	1.00	225.00	225.00
9999	Red lead, white lead and gasket	L.S.	17.55	2.12	37.21
9999	Cement, sand and grit etc.	L.S.	107.64	2.12	228.20
9999	Painting of fittings etc.	L.S.	39.00	2.12	82.68
9999	Carriage of materials	L.S.	80.73	2.12	171.15
	LABOUR:				
116	Fitter (grade 1)	day	3.50	420.00	1470.00
123	Mason (brick layer) 1st class	day	4.00	413.00	1652.00
114	Beldar	day	8.00	306.00	2448.00
	TOTAL				10884.23
	Add Water Charges @ 1%				108.84
	TOTAL				10993.07 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1544.53
	Total				12537.60 (Y)
	Add CPOH @ 15% on Y				1880.64
	Cost of each				14418.24
	Add 1% labour cess				144.18
	Cost of each				14562.42
	Say				14562.40 Each

17.6 Providing and fixing one piece construction white vitreous china squatting plate with an integral longitudinal flushing pipe, white PVC. automatic flushing cistern, with fittings, standard size G.I. /PVC flush pipe for back and front flush with standard spreader pipes with fittings, G.I clamps and C.P. brass coupling complete, including painting of fittings and cutting and making good the walls and floors etc. wherever required.

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
17.6.1	Single squatting plate with 5 litre PVC. automatic flushing cistern.				
	Details of cost for one no.				
	MATERIAL:				
1915	Vitreous china squatting plate urinal	each	1.00	1053.00	1053.00
7359	P.V.C. automatic flushing cistern 5 litre capacity	each	1.00	450.00	450.00
1540	Flush pipe and spreaders G.I. for single set of one squatting plate urinal	each	1.00	190.00	190.00
9999	Red lead, white lead and gasket	L.S.	17.55	2.12	37.21
9999	Cement, sand and grit etc.	L.S.	26.91	2.12	57.05
9999	Painting of fittings etc.	L.S.	26.00	2.12	55.12
9999	Carriage of materials	L.S.	26.91	2.12	57.05
	LABOUR:				
116	Fitter (grade 1)	day	1.75	420.00	735.00
123	Mason (brick layer) 1st class	day	0.75	413.00	309.75
114	Beldar	day	3.00	306.00	918.00
	TOTAL				3862.17
	Add Water Charges @ 1%				38.62
	TOTAL				3900.80 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				548.06
	Total				4448.86 (Y)
	Add CPOH @ 15% on Y				667.33
	Cost of each				5116.19
	Add 1% labour cess				51.16
	Cost of each				5167.35
	Say			5167.30 Each	
17.6.2	Range of two squatting plates with 5 litre PVC. automatic flushing cistern.				
	Details of cost for one no.				
	MATERIAL:				
1915	Vitreous china squatting plate urinal	each	2.00	1053	2106.00
7359	P.V.C. automatic flushing cistern 5 litre capacity	each	1.00	450	450.00
1541	Flush pipe and spreaders G.I. for range of two squatting plates urinal	each	1.00	275.00	275.00
9999	Red lead, white lead and gasket	L.S.	17.55	2.12	37.21
9999	Cement, sand and grit etc.	L.S.	53.82	2.12	114.10
9999	Painting of fittings etc.	L.S.	26.00	2.12	55.12
9999	Carriage of materials	L.S.	33.15	2.12	70.28
	LABOUR:				
116	Fitter (grade 1)	day	2.50	420.00	1050.00
123	Mason (brick layer) 1st class	day	1.00	413.00	413.00
114	Beldar	day	4.00	306.00	1224.00
	TOTAL				5794.70
	Add Water Charges @ 1%				57.95
	TOTAL				5852.65 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				822.30
	Total				6674.95 (Y)
	Add CPOH @ 15% on Y				1001.24
	Cost of each				7676.19
	Add 1% labour cess				76.76
	Cost of each				7752.95
	Say			7753.00 Each	







Code	Description	Unit	Quantity	Rate ₹	Amount ₹
17.6.3	Range of three squatting plates with 10 litre PVC. automatic flushing cistern.				
	Details of cost for one no.				
	MATERIAL:				
1915	Vitreous china squatting plate urinal	each	3.00	1053.00	3159.00
7361	P.V.C. automatic flushing cistern 10 litre capacity	each	1.00	500.00	500.00
1542	Flush pipe and spreaders G.I. for range of three squatting plates urinal	each	1.00	310.00	310.00
9999	Red lead, white lead and gasket	L.S.	17.55	2.12	37.21
9999	Cement, sand and grit etc.	L.S.	80.73	2.12	171.15
9999	Painting of fittings etc.	L.S.	26.00	2.12	55.12
9999	Carriage of materials	L.S.	42.12	2.12	89.29
	LABOUR:				
116	Fitter (grade 1)	day	3.00	420.00	1260.00
123	Mason (brick layer) 1st class	day	1.50	413.00	619.50
114	Beldar	day	5.00	306.00	1530.00
	TOTAL				7731.27
	Add Water Charges @ 1%				77.31
	TOTAL				7808.58 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1097.11
	Total				8905.69 (Y)
	Add CPOH @ 15% on Y				1335.85
	Cost of each				10241.54
	Add 1% labour cess				102.42
	Cost of each				10343.95
	Say			10344.00 Each	
17.6.4	Range of four squatting plates with 10 litre PVC automatic flushing cistern.				
	Details of cost for one no.				
	MATERIAL:				
1915	Vitreous china squatting plate urinal	each	4.00	1053.00	4212.00
7361	P.V.C. automatic flushing cistern 10 litre capacity	each	1.00	500.00	500.00
1543	Flush pipe and spreaders G.I. for range of four squatting plates urinal	each	1.00	450.00	450.00
9999	Red lead, white lead and gasket	L.S.	17.55	2.12	37.21
9999	Cement, sand and grit etc.	L.S.	107.64	2.12	228.20
9999	Painting of fittings etc.	L.S.	26.00	2.12	55.12
9999	Carriage of materials	L.S.	69.03	2.12	146.34
	LABOUR:				
116	Fitter (grade 1)	day	3.50	420.00	1470.00
123	Mason (brick layer) 1st class	day	1.75	413.00	722.75
114	Beldar	day	5.50	306.00	1683.00
	TOTAL				9504.62
	Add Water Charges @ 1%				95.05
	TOTAL				9599.66 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1348.75
	Total				10948.42 (Y)
	Add CPOH @ 15% on Y				1642.26
	Cost of each				12590.68
	Add 1% labour cess				125.91
	Cost of each				12716.58
	Say			12716.60 Each	
17.7	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require.				

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
17.7.1	White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C. P. brass pillar taps.				
	Details of cost for one no.				
	MATERIAL:				
1947	Vitreous china flat back wash basin 630x450 mm	each	1.00	725.00	725.00
1885	15 mm C.P. brass tap	each	2.00	270.00	540.00
1951	C.P. brass waste 32 mm	each	1.00	85.00	85.00
1309	C.I. bracket for wash basin and sinks	pair	1.00	88.00	88.00
9999	Red lead, white lead and gasket	L.S.	16.12	2.12	34.17
9999	Cement, sand and grit etc.	L.S.	13.39	2.12	28.39
9999	Painting of brackets, fittings etc.	L.S.	26.91	2.12	57.05
9999	Carriage of materials	L.S.	13.52	2.12	28.66
	LABOUR:				
116	Fitter (grade 1)	day	0.33	420.00	138.60
123	Mason (brick layer) 1st class	day	0.33	413.00	136.29
114	Beldar	day	0.67	306.00	205.02
	TOTAL				2066.18
	Add Water Charges @ 1%				20.66
	TOTAL				2086.84 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				293.20
	Total				2380.05 (Y)
	Add CPOH @ 15% on Y				357.01
	Cost of each				2737.05
	Add 1% labour cess				27.37
	Cost of each				2764.42
	Say			2764.40 Each	
17.7.2	White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap.				
	Details of cost for one no.				
	MATERIAL:				
1947	Vitreous china flat back wash basin 630x450 mm	each	1.00	725.00	725.00
1885	15 mm C.P. brass tap	each	1.00	270.00	270.00
1951	C.P. brass waste 32 mm	each	1.00	85.00	85.00
1309	C.I. bracket for wash basin and sinks	pair	1.00	88.00	88.00
9999	Red lead, white lead and gasket	L.S.	16.12	2.12	34.17
9999	Cement, sand and grit etc.	L.S.	13.39	2.12	28.39
9999	Painting of brackets, fittings etc.	L.S.	26.91	2.12	57.05
9999	Carriage of materials	L.S.	13.52	2.12	28.66
	LABOUR:				
116	Fitter (grade 1) day 0.30 393.00 117.90	DAY	0.30	420.00	126.00
123	Mason (brick layer) 1st class day 0.33 393.00 129.69	DAY	0.33	413.00	136.29
114	Beldar day 0.63 297.00 187.11	DAY	0.63	306.00	192.78
	TOTAL				1771.34
	Add Water Charges @ 1%				17.71
	TOTAL				1789.06 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				251.36
	Total				2040.42 (Y)
	Add CPOH @ 15% on Y				306.06
	Cost of each				2346.48
	Add 1% labour cess				23.46
	Cost of each				2369.95
	Say			2369.90 Each	
17.7.3	White Vitreous China Wash basin size 550x400 mm with a pair of 15 mm C.P. brass pillar taps.				
	Details of cost for one no.				
	MATERIAL:				














Code	Description	Unit	Quantity	Rate ₹	Amount ₹					
3229	Vitreous china flat back wash basin 550x400 mm	each	1.00	550.00	550.00					
1885	15 mm C.P. brass tap	each	2.00	270.00	540.00					
1951	C.P. brass waste 32 mm	each	1.00	85.00	85.00					
1309	C.I. bracket for wash basin and sinks	pair	1.00	88.00	88.00					
9999	Red lead, white lead and gasket	L.S.	16.12	2.12	34.17					
9999	Cement, sand and grit etc.	L.S.	13.39	2.12	28.39					
9999	Painting of brackets, fittings etc.	L.S.	26.91	2.12	57.05					
9999	Carriage of materials	L.S.	13.52	2.12	28.66					
LABOUR										
116	Fitter (grade 1)	day	0.33	420.00	138.60					
123	Mason (brick layer) 1st class	day	0.33	413.00	136.29					
114	Beldar	day	0.67	306.00	205.02					
TOTAL					1891.18					
Add Water Charges @ 1%					18.91					
TOTAL					1910.09 (X)					
Add GST 12% on "X" (multiplying factor 0.1405)					268.37					
Total					2178.46 (Y)					
Add CPOH @ 15% on Y					326.77					
Cost of each					2505.23					
Add 1% labour cess					25.05					
Cost of each					2530.28					
Say					2530.30 Each					
17.7.4	White Vitreous China Flat back wash basin size 550x400 mm with single 15 mm C.P. brass pillar tap.									
Details of cost for one no.										
MATERIAL:										
3229	Vitreous china flat back wash basin 550x400 mm	each	1.00	550.00	550.00					
1885	15 mm C.P. brass tap	each	1.00	270.00	270.00					
1951	C.P. brass waste 32 mm each 1.00 80.00 80.00	each	1.00	85.00	85.00					
1309	C.I. bracket for wash basin and sinks	pair	1.00	88.00	88.00					
9999	Red lead, white lead and gasket	L.S.	16.12	2.12	34.17					
9999	Cement, sand and grit etc.	L.S.	13.39	2.12	28.39					
9999	Painting of brackets, fittings etc.	L.S.	26.91	2.12	57.05					
9999	Carriage of materials	L.S.	13.52	2.12	28.66					
LABOUR:										
116	Fitter (grade 1)	day	0.30	420.00	126.00					
123	Mason (brick layer) 1st class	day	0.33	413.00	136.29					
114	Beldar	day	0.63	306.00	192.78					
TOTAL					1596.34					
Add Water Charges @ 1%					15.96					
TOTAL					1612.31 (X)					
Add GST 12% on "X" (multiplying factor 0.1405)					226.53					
Total					1838.84 (Y)					
Add CPOH @ 15% on Y					275.83					
Cost of each					2114.66					
Add 1% labour cess					21.15					
Cost of each					2135.81					
Say					2135.80 Each					
17.7.5	White Vitreous China Angle back wash basin size 600x480 mm with single 15 mm C.P. brass pillar tap.									
Details of cost for one no.										
MATERIAL:										
1949	Vitreous china angle back wash basin	each	1.00	725.00	725.00					

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	600x480 mm				
1885	15 mm C.P. brass tap	each	1.00	270.00	270.00
1951	C.P. brass waste 32 mm	each	1.00	85.00	85.00
1309	C.I. bracket for wash basin and sinks	pair	1.00	88.00	88.00
9999	Red lead, white lead and gasket	L.S.	16.12	2.12	34.17
9999	Cement, sand and grit etc. L.S. 13.39 1.70 22.76	L.S.	13.39	2.12	28.39
9999	Painting of brackets, fittings etc.	L.S.	26.91	2.12	57.05
9999	Carriage of materials	L.S.	13.52	2.12	28.66
	LABOUR:				
116	Fitter (grade 1)	day	0.30	420.00	126.00
123	Mason (brick layer) 1st class	day	0.33	413.00	136.29
114	Beldar	day	0.63	306.00	192.78
	TOTAL				1771.34
	Add Water Charges @ 1%				17.71
	TOTAL				1789.05 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				251.36
	Total				2040.41 (Y)
	Add CPOH @ 15% on Y				306.06
	Cost of each				2346.47
	Add 1% labour cess				23.46
	Cost of each				2369.94
	Say			2369.90 Each	
17.7.6	White Vitreous China Angle back wash basin size 400x400 mm with single 15 mm C.P. brass pillar tap.				
	Details of cost for one no.				
	MATERIAL:				
1950	Vitreous china angle back wash basin 400x400 mm	each	1	425.00	425.00
1885	15 mm C.P. brass tap	each	1	270.00	270.00
1951	C.P. brass waste 32 mm	each	1	85	85.00
1309	C.I. bracket for wash basin and sinks	pair	1	88	88.00
9999	Red lead, white lead and gasket	L.S.	16.12	2.12	34.17
9999	Cement, sand and grit etc.	L.S.	13.39	2.12	28.39
9999	Painting of brackets, fittings etc.	L.S.	26.91	2.12	57.05
9999	Carriage of materials	L.S.	13.52	2.12	28.66
	LABOUR:				
116	Fitter (grade 1)	day	0.3	420.00	126.00
123	Mason (brick layer) 1st class	day	0.33	413.00	136.29
114	Beldar	day	0.63	306.00	192.78
	TOTAL				1471.34
	Add Water Charges @ 1%				14.71
	TOTAL				1486.05 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				208.79
	Total				1694.84 (Y)
	Add CPOH @ 15% on Y				254.23
	Cost of each				1949.07
	Add 1% labour cess				19.49
	Cost of each				1968.56
	Say			1968.60 Each	
17.7.7	White Vitreous China Flat back wash basin size 450x300 mm with single 15 mm C.P. brass pillar tap.				
	Details of cost for one no.				
	MATERIAL:				
7004	Vitreous china flat back wash basin 450x300 mm	each	1.00	280.00	280.00












Code	Description	Unit	Quantity	Rate ₹	Amount ₹
1885	15 mm C.P. brass tap	each	1.00	270.00	270.00
1951	C.P. brass waste 32 mm	each	1.00	85.00	85.00
1309	C.I. bracket for wash basin and sinks	pair	1.00	88.00	88.00
9999	Red lead, white lead and gasket	L.S.	16.12	2.12	34.17
9999	Cement, sand and grit etc.	L.S.	13.39	2.12	28.39
9999	Painting of brackets, fittings etc.	L.S.	26.91	2.12	57.05
9999	Carriage of materials	L.S.	13.52	2.12	28.66
LABOUR:					
116	Fitter (grade 1)	day	0.30	420.00	126.00
123	Mason (brick layer) 1st class		0.33	413.00	136.29
114	Beldar day		0.63	306.00	192.78
TOTAL					1326.34
Add Water Charges @ 1%					13.26
TOTAL					1339.61 (X)
Add GST 12% on "X" (multiplying factor 0.1405)					188.21
Total					1527.82 (Y)
Add CPOH @ 15% on Y					229.17
Cost of each					1756.99
labour cess @1%					17.57
Total					1774.56
Say					1774.60 Each
17.7.8	White Vitreous China Surgeon type wash basin of size 660x460 mm with a pair of 15 mm C.P. brass pillar taps with elbow operated levers.				
Details of cost for one no.					
MATERIAL:					
3213	Vitreous china Surgeon type wash basin of size 660x460 mm	each	1.00	1100.00	1100.00
7363	15 mm C.P. brass tap with elbow operation lever	each	2.00	430.00	860.00
1951	C.P. brass waste 32 mm	each	1.00	85.00	85.00
1309	C.I. bracket for wash basin and sinks	pair	1.00	88.00	88.00
9999	Red lead, white lead and gasket	L.S	16.12	2.12	34.17
9999	Cement, sand and grit etc.	L.S	13.39	2.12	28.39
9999	Painting of brackets, fittings etc	L.S	26.91	2.12	57.05
9999	Carriage of materials	L.S	13.52	2.12	28.66
LABOUR:					
116	Fitter (grade 1)	day	0.33	420.00	138.60
123	Mason (brick layer) 1st class	day	0.33	413.00	136.29
114	Beldar	day	0.67	306.00	205.02
TOTAL					2761.18
Add Water Charges @ 1%					27.61
TOTAL					2788.79 (X)
Add GST 12% on "X" (multiplying factor 0.1405)					391.83
Total					3180.62 (Y)
Add CPOH @ 15%					477.09
Cost of each					3657.71
labour cess @1%					36.58
					3694.29
Say					3694.30 Each
17.7.9	White Vitreous China Surgeon type wash basin of size 660x460 mm with single 15 mm CP. brass pillar taps with elbow operated levers ISI marked.				
Details of cost for one no.					
MATERIAL:					
3213	Vitreous china Surgeon type wash basin of size 660x460 mm	each	1.00	1100.00	1100.00
7363	15 mm C.P. brass tap with elbow operation	each	1.00	430.00	430.00

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Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	lever				
1951	C.P. brass waste 32 mm	each	1.00	85.00	85.00
1309	C.I. bracket for wash basin and sinks	pair	1.00	88.00	88.00
9999	Red lead, white lead and gasket	L.S	16.12	2.12	34.17
9999	Cement, sand and grit etc.	L.S	13.39	2.12	28.39
9999	Painting of brackets, fittings etc.	L.S	26.91	2.12	57.05
9999	Carriage of materials	L.S	13.52	2.12	28.66
	LABOUR:				
116	Fitter (grade 1)	day	0.30	420.00	126.00
123	Mason (brick layer) 1st class	day	0.33	413.00	136.29
114	Beldar	day	0.63	306.00	192.78
	TOTAL				2306.34
	Add Water Charges @ 1%				23.06
	TOTAL				2329.41 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				327.28
	Total				2656.69 (Y)
	Add CPOH @ 15%				398.50
	Cost of each				3055.19
	labour cess @1%				30.55
					3085.74

Say **3085.70 Each**

17.7.10 Stainless Steel AISI-304(18/8) Round basin 405x355 mm with single 15 mm C.P.brass pillar tap.

Details of cost for one no.

MATERIAL:

7806	Salem Stainless steel AISI - 304 (18/8)	each	1.00	1500.00	1500.00
	Round basin 405mm X 355 mm				
1885	15 mm C.P. brass tap	each	1.00	270.00	270.00
1951	C.P. brass waste 32 mm	each	1.00	85.00	85.00
1309	C.I. bracket for wash basin and sinks	pair	1.00	88.00	88.00
9999	Red lead, white lead and gasket	L.S	16.12	2.12	34.17
9999	Cement, sand and grit etc.	L.S	13.39	2.12	28.39
9999	Painting of brackets, fittings etc.	L.S	26.91	2.12	57.05
9999	Carriage of materials	L.S	13.52	2.12	28.66
	LABOUR:				
116	Fitter (grade 1)	day	0.30	420.00	126.00
123	Mason (brick layer) 1st class	day	0.33	413.00	136.29
114	Beldar	day	0.63	306.00	192.78
	TOTAL				2546.34
	Add Water Charges @ 1%				25.46
	TOTAL				2571.81 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				361.34
	Total				2933.15 (Y)
	Add CPOH @ 15% on Y				439.97
	Cost of each				3373.12
	labour cess @1%				33.73
					3406.85

Say **3406.80 Each**

17.7.11 Stainless Steel AISI-304(18/8) Wash basin 530x345 mm with single 15 mm C.P. brass pillar tap.

Details of cost for one no.

MATERIAL:

7807	Salem Stainless steel AISI - 304 (18/8) each	1.00	1650.00	1650.00	1.00	2000.00	2000.00
	Wash basin 530mm X 345 mm						
1885	15 mm C.P. brass tap		each		1.00	270.00	270.00
1951	C.P. brass waste 32 mm		each		1.00	85.00	85.00

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
1309	C.I. bracket for wash basin and sinks	pair	1.00	88.00	88.00
9999	Red lead, white lead and gasket	L.S	16.12	2.12	34.17
9999	Cement, sand and grit etc.	L.S	13.39	2.12	28.39
9999	Painting of brackets, fittings etc	L.S	26.91	2.12	57.05
9999	Carriage of materials	L.S	13.52	2.12	28.66
	LABOUR:				
116	Fitter (grade 1)	day	0.30	420.00	126.00
123	Mason (brick layer) 1st class	day	0.33	413.00	136.29
114	Beldar	day	0.63	306.00	192.78
	TOTAL				3046.34
	Add Water Charges @ 1%				30.46
	TOTAL				3076.81 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				432.29
	Total				3509.10 (Y)
	Add CPOH @ 15% on Y				526.36
	Cost of each				4035.46
	labour cess @1%				40.35
					4075.82
	Say			4075.80 Each	
17.7 A	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required:-				
	(a) White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer				
	Details of cost for 1 no.				
	MATERIAL				
3229	Vitreous china flat back wash basin 550x400 mm	each	1.00	550.00	550.00
9001	C.P. Brass Centre Hole Basin Mixer With Cast Spout (Kigston/Marc/Prima/ Parko/ Hindware)	each	1.00	1600.00	1600.00
1951	C.P. brass waste 32 mm	each	1.00	85.00	85.00
1309	C.I. bracket for wash basin and sinks	pair	1.00	88.00	88.00
9999	Red lead, white lead and gasket	L.S.	16.12	2.12	34.17
9999	Cement, Sand and grit etc.	L.S.	13.39	2.12	28.39
9999	Painting of brackets, fittings etc.	L.S.	26.91	2.12	57.05
9977	Carriage of materials	L.S.	13.52	2.12	28.66
	LABOUR				
116	Fitter (grade 1)	day	0.33	420.00	138.60
123	Mason (brick layer) 1st class	day	0.33	413.00	136.29
114	Beldar	day	0.63	306.00	192.78
	TOTAL				2938.94
	Add 1 % Water charges				29.39
	TOTAL				2968.33 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				417.05
	Total				3385.38 (Y)
	Add 15 % Contractor's profit and overheads on Y				507.81
	Cost of each				3893.19
	labour cess @1%				38.93
					3932.12
	Say			3932.10 Each	

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
17.7 B	Providing and fixing wash basin with C.I. brackets, 15 mm PTMT pillar cock, 32 mm PTMT waste coupling of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required. White Vitreous China Flat back wash basin size 550x400 mm with single 15 mm PTMT pillar cock.				
	Details of cost for 1 No.				
	MATERIAL				
3229	Vitreous china flat back wash basin 550x400 mm	each	1.00	550.00	550.00
7406	PTMT pillar cock	each	1.00	115.00	115.00
7491	PTMT - Waste Coupling 31/32 mm	each	1.00	34.00	34.00
1309	C.I. bracket for wash basin and sinks	pair	1.00	88.00	88.00
9999	Red Lead, White Lead and Gasket	L.S.	16.12	2.12	34.17
9999	Cement, sand and grit etc	L.S.	13.39	2.12	28.39
9999	Painting of brackets, fittings etc.	L.S.	26.91	2.12	57.05
9977	Carriage of materials	L.S.	13.52	2.12	28.66
	LABOUR				
116	Fitter (grade 1)	day	0.33	420.00	138.60
123	Mason (brick layer) 1st class	day	0.33	413.00	136.29
114	Beldar	day	0.67	306.00	205.02
	TOTAL				1415.18
	Add 1 % Water charges				14.15
	TOTAL				1429.33 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				200.82
	Total				1630.16 (Y)
	Add 15 % Contractor's profit and overheads				244.52
	Cost of each				1874.68
	labour cess @1%				18.75
					1893.43
	Say			1893.40 Each	
17.8	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.				
	Details of cost for one pedestal.				
	MATERIAL:				
1396	Vitreous china pedestal for wash basin	each	1.00	950.00	950.00
9999	White cement mortar	L.S.	40.30	2.12	85.44
9999	Carriage of materials and fixing charges	L.S.	40.43	2.12	85.71
	TOTAL				1121.15
	Add Water Charges @ 1%				11.21
	TOTAL				1132.36
	Add GST 12% on "X" (multiplying factor 0.1405)				159.10
	Total				1291.46 (Y)
	Add CPOH @ 15%				193.72
	Cost of each				1485.17
	labour cess @1%				14.85
					1500.03
	Say			1500.00 Each	
17.9	Providing and fixing kitchen sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P. brass waste complete, including painting the fittings and brackets, cutting and making good the walls wherever required.				
17.9.1	White glazed fire clay kitchen sink of size 600x450x250 mm.				
	Details of cost for one no.				
	MATERIAL:				
1863	Fire clay kitchen sink: 600x450x250 mm	each	1.00	1300.00	1300.00
1309	C.I. bracket for wash basin and sinks	pair	1.00	88.00	88.00
1315	C.P. brass chain with 40 mm dia rubber plug	each	1.00	40.00	40.00














Code	Description	Unit	Quantity	Rate ₹	Amount ₹
1952	C.P. brass waste 40 mm	each	1.00	100.00	100.00
9999	Red lead, white lead and gasket	L.S	16.12	2.12	34.17
9999	Cement, sand and grit etc.	L.S	13.39	2.12	28.39
9999	Painting of brackets etc.	L.S	26.91	2.12	57.05
9999	Carriage of materials	L.S	13.52	2.12	28.66
	LABOUR:				
116	Fitter (grade 1)	day	0.22	420.00	92.40
123	Mason (brick layer) 1st class	day	0.33	413.00	136.29
114	Beldar	day	0.56	306.00	171.36
	TOTAL				2076.32
	Add Water Charges @ 1%				20.76
	TOTAL				2097.09 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				294.64
	Total				2391.73 (Y)
	Add CPOH @ 15% on Y				358.76
	Cost of each				2750.49
	labour cess @1%				27.50
					2777.99
	Say			2778.00 Each	
17.10	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required.				
17.10.1	Kitchen sink with drain board.				
17.10.1.1	510x1040 mm bowl depth 250 mm.				
	Details of cost for one no.				
	MATERIAL:				
7095	Stainless steel kitchen sink - with drain board bowl depth 250 mm	each	1.00	3000.00	3000.00
1309	C.I. bracket for wash basin and sinks	pair	2.00	88.00	176.00
9999	Cement, sand and grit etc.	L.S	27.04	2.12	57.32
9999	Painting of brackets etc.	L.S	26.91	2.12	57.05
9999	Carriage of materials	L.S	13.52	2.12	28.66
	LABOUR:				
116	Fitter (grade 1)	day	0.22	420.00	92.40
123	Mason (brick layer) 1st class	day	0.60	413.00	247.80
114	Beldar	day	0.82	306.00	250.92
	TOTAL				3910.16
	Add Water Charges @ 1%				39.10
	TOTAL				3949.26 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				554.87
	Total				4504.13 (Y)
	Add CPOH @ 15% on Y				675.62
	Cost of each				5179.75
	labour cess @1%				51.80
					5231.55
	Say			5231.50 Each	
17.10.1.2	510x1040 mm bowl depth 225 mm.				
	Details of cost for one no.				
	MATERIAL:				
7096	Stainless steel kitchen sink - with drain board 510 x 1040 mm bowl depth 225 mm	each	1	3500.00	3500
1309	C.I. bracket for wash basin and sink	pair	2	88	176
9999	Cement, sand and grit etc	L.S	27.04	2.12	57.3248
9999	Painting of brackets	L.S	26.91	2.12	57.0492
9999	Carriage of materials	L.S	13.52	2.12	28.6624

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	LABOUR:				
116	Fitter (grade 1)	day	0.22	420.00	92.4
123	Mason (brick layer) 1st class	day	0.6	413.00	247.8
114	Belda	day	0.82	306.00	250.92
	TOTAL				4410.156
	Add Water Charges @ 1%				44.10156
	TOTAL				4454.258 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				625.82
	Total				5080.08 (Y)
	Add CPOH @ 15%				762.0122
	Cost of each				5842.09
	labour cess @1%				58.42093
					5900.514
	Say			5900.50 Each	
17.10.1.3	510x1040 mm bowl depth 200 mm.				
	Details of cost for one no.				
	MATERIAL:				
7097	Stainless steel kitchen sink - with drain each	each	1	3200.00	3200.00
	1.00 4250.00 4250.00				
	board 510 x 1040 mm bowl depth 200 mm				
1309	C.I. bracket for wash basin and sinks	pair	2	88	176.00
9999	Cement, sand and grit etc.	L.S	27.04	2.12	57.32
9999	Painting brackets	L.S	26.91	2.12	57.05
9999	Carriage of materials	L.S	13.52	2.12	28.66
	LABOUR:				
0116	Fitter (grade 1)	day	0.22	420.00	92.40
0123	Mason (brick layer) 1st class	day	0.6	413.00	247.80
0114	Beldar	day	0.82	306.00	250.92
	TOTAL				4110.16
	Add Water Charges @ 1%				41.10
	TOTAL				4151.26 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				583.25
	Total				4734.51 (Y)
	Add CPOH @ 15%				710.18
	Cost of each				5444.69
	labour cess @1%				54.45
	Say				5499.10
17.10.1.4	510x1040 mm bowl depth 178 mm.				
	Details of cost for one no.				
	MATERIAL:				
7098	Stainless steel kitchen sink - with drain	each	1.00	3000.00	3000.00
	board 510x1040 mm bowl depth 178 mm				
1309	C.I. bracket for wash basin and sinks	pair	2.00	88.00	176.00
9999	Cement, sand and grit etc.	L.S	27.04	2.12	57.32
9999	Painting brackets	L.S	26.91	2.12	57.05
9999	Carriage of materials	L.S	13.52	2.12	28.66
	LABOUR:				
0116	Fitter (grade 1)	day	0.22	420.00	92.40
0123	Mason (brick layer) 1st class	day	0.60	413.00	247.80
0114	Beldar	day	0.82	306.00	250.92
	TOTAL				3910.16
	Add Water Charges @ 1%				39.10
	TOTAL				3949.26 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				554.87
	Total				4504.13 (Y)
	Add CPOH @ 15%				675.62
	Cost of each				5179.75






Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	labour cess @1%				51.80
	Say				5231.50
17.10.2	Kitchen sink without drain board.				
17.10.2.1	610x510 mm bowl depth 200 mm.				
	Details of cost for one no.				
	MATERIAL:				
7101	Stainless steel kitchen sink - without drain	each	1.00	2200.00	2200.00
1309	board 610x510 mm bowl depth 200 mm	pair	1.00	88.00	88.00
9999	C.I. bracket for wash basin and sinks	L.S	13.52	2.12	28.66
9999	Cement, sand and grit etc.	L.S	26.91	2.12	57.05
9999	Painting brackets	L.S	13.52	2.12	28.66
	Carriage of materials				
0116	Fitter (grade 1)	day	0.22	420.00	92.40
0123	Mason (brick layer) 1st class	day	0.33	413.00	136.29
0114	Beldar	day	0.56	306.00	171.36
	TOTAL				2802.42
	Add Water Charges @ 1%				28.02
	TOTAL				2830.45 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				397.68
	Total				3228.13 (Y)
	Add CPOH @ 15%				484.22
	Cost of each				3712.35
	labour cess @1%				37.12
	Say				3749.47
					3786.60
17.10.2.2	610x460 mm bowl depth 200 mm.				
	Details of cost for one no.				
	MATERIAL:				
7102	Stainless steel kitchen sink - without drain	each	1.00	1500.00	1500.00
	board 610x460 mm bowl depth 200 mm				
1309	C.I. bracket for wash basin and sinks	pair	1.00	88.00	88.00
9999	Cement, sand and grit etc.	L.S	13.52	2.12	28.66
9999	Painting brackets L.S.	L.S	26.91	2.12	57.05
9999	Carriage of materials L.S.	L.S	13.52	2.12	28.66
	LABOUR:				
0116	Fitter (grade 1)	day	0.22	420.00	92.40
0123	Mason (brick layer) 1st class	day	0.33	413.00	136.29
0114	Beldar	day	0.56	306.00	171.36
	TOTAL				2102.42
	Add Water Charges @ 1%				21.02
	TOTAL				2123.45 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				298.34
	Total				2421.79 (Y)
	Add CPOH @ 15%				363.27
	Cost of each				2785.06
	labour cess @1%				27.85
	Say				2812.90
17.10.2.3	470x420 mm bowl depth 178 mm.				
	Details of cost for one no.				
	MATERIAL:				
7103	Stainless steel kitchen sink - without drain	each	1.00	1200.00	1200.00
	board 470x420 mm bowl depth 178 mm				
1309	C.I. bracket for wash basin and sinks pair	pair	1.00	88.00	88.00
9999	Cement, sand and grit etc. L.S.	L.S	13.52	2.12	28.66
9999	Painting brackets	L.S	26.91	2.12	57.05
9999	Carriage of materials	L.S	13.52	2.12	28.66

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	LABOUR:				
0116	Fitter (grade 1)	day	0.22	420.00	92.40
0123	Mason (brick layer) 1st class	day	0.33	413.00	136.29
0114	Beldar	day	0.56	306.00	171.36
	TOTAL				1802.42
	Add Water Charges @ 1%				18.02
	TOTAL				1820.45 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				255.77
	Total				2076.22 (Y)
	Add CPOH @ 15%				311.43
	Cost of each				2387.65
	labour cess @1%				23.88
	Say				2411.50
17.11	Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P.brass chain with rubber plug, 40 mm C.P brass waste and 40 mm C.P. brass trapwith necessary C.P. brass unions complete, including painting of fittings and brackets, cutting and making good the wall wherever required.				
17.11.1	Size 450x300x150 mm.				
	Details of cost for one no.				
	MATERIAL:				
1871	White vitreous china laboratory sink 450x300x150 mm	each	1.00	1500.00	1500.00
1309	C.I. bracket for wash basin and sinks	pair	1.00	88.00	88.00
1315	C.P.brass chain with 40 mm dia rubber plug	each	1.00	40.00	40.00
1952	C.P. brass waste 40 mm	each	1.00	100.00	100.00
1895	C.P. brass trap 40 mm dia	each	1.00	315.00	315.00
3617	C.P. Brass union 40mm dia	each	1.00	210.00	210.00
9999	Red lead, white lead and gasket	L.S	16.12	2.12	34.17
9999	Cement, sand and grit etc.	L.S	13.39	2.12	28.39
9999	Sundries	L.S	26.91	2.12	57.05
9999	Carriage of materials	L.S	13.52	2.12	28.66
	LABOUR:				
0116	Fitter (grade 1)	day	0.22	420.00	92.40
0123	Mason (brick layer) 1st class	day	0.33	413.00	136.29
0114	Beldar	day	0.56	306.00	171.36
	TOTAL				2801.32
	Add Water Charges @ 1%				28.01
	TOTAL				2829.34 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				397.52
	Total				3226.86 (Y)
	Add CPOH @ 15%				484.03
	Cost of each				3710.89
	labour cess @1%				37.11
	Say				3748.00
17.11.2	Size 600x450x200 mm.				
	Details of cost for one no.				
	MATERIAL:				
1872	White vitreous china laboratory sink 600x450x200 mm	each	1.00	2500.00	2500.00
1309	C.I. bracket for wash basin and sinks	pair	1.00	88.00	88.00
1315	C.P.brass chain with 40 mm dia rubber plug	each	1.00	40.00	40.00
1952	C.P. brass waste 40 mm	each	1.00	100.00	100.00
1895	C.P. brass trap 40 mm dia	each	1.00	315.00	315.00
3617	C.P. Brass union 40mm dia	each	1.00	210.00	210.00
9999	Red lead, white lead and gasket	L.S	16.12	2.12	34.17
9999	Cement, sand and grit etc.	L.S	13.39	2.12	28.39













Code	Description	Unit	Quantity	Rate ₹	Amount ₹
9999	Sundries	L.S	26.91	2.12	57.05
9999	Carriage of materials	L.S	13.52	2.12	28.66
	LABOUR:				
0116	Fitter (grade 1)	day	0.22	420.00	92.40
0123	Mason (brick layer) 1st class	day	0.33	413.00	136.29
0114	Beldar	day	0.56	306.00	171.36
	TOTAL				3801.32
	Add Water Charges @ 1%				38.01
	TOTAL				3839.34 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				539.43
	Total				4378.76 (Y)
	Add CPOH @ 15%				656.81
	Cost of each				5035.58
	labour cess @1%				50.36
	Say				5085.90
17.12	Providing and fixing draining board with C.I. brackets including painting of brackets, cutting and making good the walls wherever required.				
17.12.1	White glazed fire clay draining board of size 600x450x25 mm.				
	Details of cost for one no.				
	MATERIAL:				
7364	White glazed fire clay draining board 600x450x25 mm	each	1.00	430.00	430.00
1309	C.I. bracket for wash basin and sinks	pair	1.00	88.00	88.00
9999	Cement, sand and grit etc.	L.S	13.39	2.12	28.39
9999	Painting brackets	L.S	26.00	2.12	55.12
9999	Carriage of materials	L.S	7.80	2.12	16.54
	LABOUR:				
0116	Fitter (grade 1)	day	0.06	420.00	25.20
0123	Mason (brick layer) 1st class	day	0.17	413.00	70.21
0114	Beldar	day	0.22	306.00	67.32
	TOTAL				780.77
	Add Water Charges @ 1%				7.81
	TOTAL				788.58 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				110.80
	Total				899.38 (Y)
	Add CPOH @ 15%				134.91
	Cost of each				1034.28
	labour cess @1%				10.34
	Say				1044.60
17.13	Providing and fixing white vitreous china water closet squatting pan (Indian type).				
17.13.1	Long pattern W.C. pan of size 580 mm.				
	Details of cost for one no.				
	MATERIAL:				
1953	Vitreous china Indian type W.C. pan size 580 mm	each	1.00	475.00	475.00
9999	Cement, sand and grit etc.	L.S.	13.39	2.12	28.39
9999	Carriage of materials	L.S.	13.52	2.12	28.66
	LABOUR:				
0123	Mason (brick layer) 1st class	day	0.50	413.00	206.50
0114	Beldar	day	0.50	306.00	153.00
	TOTAL				891.55
	Add Water Charges @ 1%				8.92
	TOTAL				900.46 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				126.52
	Total				1026.98 (Y)

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add CPOH @ 15%				154.05
	Cost of each				1181.03
	labour cess @1%				11.81
	Say				1192.80
17.13.2	Orissa pattern W.C. pan of size 580x440 mm.				
	Details of cost for one no.				
	MATERIAL:				
1954	Vitreous china orrisa type W.C. pan size 580 mm	each	1.00	1290.00	1290.00
9999	Cement, sand and grit etc.	L.S.	13.39	2.12	28.39
9999	Carriage of materials	L.S.	13.52	2.12	28.66
	LABOUR:				
0123	Mason (brick layer) 1st class	day	0.50	413.00	206.50
0114	Beldar	day	0.50	306.00	153.00
	TOTAL				1706.55
	Add Water Charges @ 1%				17.07
	TOTAL				1723.61 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				242.17
	Total				1965.78 (Y)
	Add CPOH @ 15%				294.87
	Cost of each				2260.65
	labour cess @1%				22.61
	Say				2283.30
17.14	Extra for using coloured W.C. pan instead of white W.C. pan.				
17.14.1	Orissa pattern W.C. pan 580x440 mm.				
	Details of cost for one no.				
	MATERIAL:				
	Difference in cost of				
7104	Coloured Orissa pattern W.C. pan 580x440 mm	each	1.00	1600.00	1600.00
1954	Vitreous china orrisa type W.C. pan size 580 mm	each	-1.00	1290.00	-1290.00
	TOTAL				310.00
	Add Water Charges @ 1%				3.10
	TOTAL				313.10 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				43.99
	Total				357.09 (Y)
	Add CPOH @ 15%				53.56
	Cost of each				410.65
	labour cess @1%				4.11
	Say				414.80
17.15	Providing and fixing white vitreous china pedestal type (European type / wash down type) water closet pan.				
	Details of cost for one no.				
	MATERIAL:				
1955	Vitreous china pedestal type water closet	each	1.00	1025.00	1025.00
9999	Cement, sand and grit etc.	L.S.	13.39	2.12	28.39
9999	Carriage of materials	L.S.	13.52	2.12	28.66
	LABOUR:				
0123	Mason (brick layer) 1st class	day	0.50	413.00	206.50
0114	Beldar	day	0.50	306.00	153.00
	TOTAL				1441.55
	Add Water Charges @ 1%				14.42
	TOTAL				1455.96 (X)




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Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add GST 12% on "X" (multiplying factor 0.1405)				204.56
	Total				1660.53 (Y)
	Add CPOH @ 15%				249.08
	Cost of each				1909.61
	labour cess @1%				19.10
	Say				1928.70
17.16	Extra for using coloured pedestal type WC pan (European type) with low level cistern of same colour instead of white vitreous china WC pan and cistern.				
	Details of cost for each				
	MATERIAL:				
7105	Coloured Pedestal type W.C. pan 580x440 mm (European type)	each	1.00	850.00	850.00
	Deduct				
1955	Vitreous china pedestal type water closet	each	-1.00	1025.00	-1025.00
7106	Coloured Vitreous china 10 lit. low level cistern	each	1.00	1000.00	1000.00
	Deduct				
7005	Vitreous china 10 litres low level cistern without fittings	each	-1.00	700.00	-700.00
	TOTAL				125.00
	Add Water Charges @ 1%				1.25
	TOTAL				126.25 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				17.74
	Total				143.99 (Y)
	Add CPOH @ 15%				21.60
	Cost of each				165.59
	labour cess @1%				1.66
	Say				167.20
17.16A	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.				
	Details of cost for 1 No.				
1313	8 mm dia C.P. Brass/ S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate for European type W.C.(Hindware/Kingston/Prima/Parko/Marc)	each	1.00	200.00	200.00
9999	Carriage of material and fixing charges	L.S.	11.20	2.12	23.74
	TOTAL				223.74 W
	Add 1 % Water charges on "W"				2.24
	TOTAL				225.98 X
	Add GST on "X" (multiplying factor 0.1405)				31.75
	TOTAL				257.73 Y
	Add 15% CPOH on "Y"				38.66
	TOTAL				296.39 Z
	Add Cess @ 1% on "Z"				2.96
	TOTAL				299.40
	Cost of each				299.40
	Say				
17.17	Providing and fixing a pair of white vitreous china foot rests of standard pattern for squatting pan water closet.				
17.17.1	250x130x30 mm.				
	Details of cost for 1 pair.				
	MATERIAL:				
1363	Vitreous china foot rests 250x130x30 mm	pair	1.00	100.00	100.00
9999	Cement, sand including of materials	L.S.	8.06	2.12	17.09
	LABOUR:				

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
0123	Mason (brick layer) 1st class	day	0.06	413.00	24.78
	TOTAL				141.87
	Add Water Charges @ 1%				1.42
	TOTAL				143.29 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				20.13
	Total				163.42 (Y)
	Add CPOH @ 15%				24.51
	Cost of each				187.93
	labour cess @1%				1.88
	Say				189.80
17.17.2	250x125x25 mm.				
	Details of cost for 1 pair.				
	MATERIAL:				
1970	Vitreous china foot rests 250x125x25 mm	pair	1.00	103.00	103.00
9999	Cement, sand including of materials	L.S.	8.06	2.12	17.09
	LABOUR:				
0123	Mason (brick layer) 1st class	day	0.06	413.00	24.78
	TOTAL				144.87
	Add Water Charges @ 1%				1.45
	TOTAL				146.32 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				20.56
	Total				166.87 (Y)
	Add CPOH @ 15%				25.03
	Cost of each				191.90
	labour cess @1%				1.92
	Say				193.80
17.18	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete.				
17.18.1	10 litre capacity - White.				
	Details of cost for one no.				
	MATERIAL:				
7358	Flushing Cistern P.V.C. 10 litre capacity (low level)	each	1.00	575.00	575.00
9999	Carriage of materials	L.S.	5.20	2.12	11.02
	LABOUR:				
	(Considering 1 fitter and 1 beldar can fix 8 cisterns in one day)				
0116	Fitter (grade 1)	day	0.13	420.00	52.50
0114	Beldar	day	0.13	306.00	38.25
	TOTAL				676.77
	Add Water Charges @ 1%				6.77
	TOTAL				683.54 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				96.04
	Total				779.58 (Y)
	Add CPOH @ 15%				116.94
	Cost of each				896.52
	labour cess @1%				8.97
	Say				905.50
17.18.2	10 litre capacity - coloured.				
	Details of cost for one no.				
	MATERIAL:				
7123	Coloured High density polyethylene / poly propylene 10 lit. (full flush) capacity controlled low level flushing cistern with fittings	each	1.00	550.00	550.00
9999	Carriage of materials	L.S.	7.02	2.12	14.88














Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	LABOUR: (Considering 1 fitter and 1 beldar can fix 8 cisterns in one day)				
0116	Fitter (grade 1)	day	0.13	420.00	52.50
0114	Beldar	day	0.13	306.00	38.25
	TOTAL				655.63
	Add Water Charges @ 1%				6.56
	TOTAL				662.19 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				93.04
	Total				755.23 (Y)
	Add CPOH @ 15%				113.28
	Cost of each				868.51
	labour cess @1%				8.69
	Say				877.20
17.19	Providing and fixing controlled flush, low level cistern made of vitreous china with all fittings complete.				
17.19.1	10 litre (full flush) capacity-white.				
	Details of cost for one no.				
	MATERIAL:				
7126	White Vitreous china 10 litre (full flush) capacity	each	1.00	700.00	700.00
9999	Carriage of materials	L.S.	13.52	2.12	28.66
	LABOUR:				
0116	Fitter (grade 1)	day	0.50	420.00	210.00
0114	Beldar	day	0.50	306.00	153.00
	TOTAL				1091.66
	Add Water Charges @ 1%				10.92
	TOTAL				1102.58 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				154.91
	Total				1257.49 (Y)
	Add CPOH @ 15%				188.62
	Cost of each				1446.12
	labour cess @1%				14.46
	Say				1460.60
17.19.2	10 litre (full flush) capacity-coloured.				
	Details of cost for one no.				
	MATERIAL:				
7127	Coloured Vitreous china 10 litre (full flush) capacity	each	1.00	1150.00	1150.00
9999	Carriage of materials	L.S.	13.52	2.12	28.66
	LABOUR:				
0116	Fitter (grade 1)	day	0.50	420.00	210.00
0114	Beldar	day	0.50	306.00	153.00
	TOTAL				1541.66
	Add Water Charges @ 1%				15.42
	TOTAL				1557.08 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				218.77
	Total				1775.85 (Y)
	Add CPOH @ 15%				266.38
	Cost of each				2042.23
	labour cess @1%				20.42
	Say				2062.60
17.20	Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete.				
17.20.1	White solid plastic seat with lid.				
	Details of cost for one no.				
	MATERIAL:				
1875	White plastic seat (solid) with lid C.P. brass	each	1.00	410.00	410.00

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	hinges and rubber buffers				
9999	Carriage of materials and fixing charges	L.S.	13.39	2.12	28.39
	TOTAL				438.39
	Add Water Charges @ 1%				4.38
	TOTAL				442.77 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				62.21
	Total				504.98 (Y)
	Add CPOH @ 15%				75.75
	Cost of each				580.73
	labour cess @1%				5.81
	Say				586.50
17.20.2	Black solid plastic seat with lid.				
	Details of cost for one no.				
	MATERIAL:				
1876	Black plastic seat (solid) with lid C.P. brass	each	1.00	325.00	325.00
	hinges and rubber buffers				
9999	Carriage of materials and fixing charges	L.S.	13.39	2.12	28.39
	TOTAL				353.39
	Add Water Charges @ 1%				3.53
	TOTAL				356.92 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				50.15
	Total				407.07 (Y)
	Add CPOH @ 15%				61.06
	Cost of each				468.13
	labour cess @1%				4.68
	Say				472.80
17.20.3	Cloured (other than black & white) solid plastic seat with lid.				
	Details of cost for one no.				
	MATERIAL:				
	Difference in cost of				
7107	Coloured (other than black) solid P.V.C. seat	each	1.00	350.00	350.00
	in European W.C. pan				
9999	Carriage and fixing charges	L.S.	13.39	2.12	28.39
	TOTAL				378.39
	Add Water Charges @ 1%				3.78
	TOTAL				382.17 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				53.69
	Total				435.87 (Y)
	Add CPOH @ 15%				65.38
	Cost of each				501.25
	labour cess @1%				5.01
	Say				506.30
17.22	Providing and fixing G.I. inlet connection for flush pipe connecting with W.C. pan.				
	Details of cost for one no.				
	MATERIAL:				
1614	G.I. inlet connection	each	1.00	70.00	70.00
9999	Carriage of materials and fixing charges	L.S.	13.39	2.12	28.39
	TOTAL				98.39 W
	Add Water Charges @ 1%				0.98
	TOTAL				99.37 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				13.96
	Total				113.33 (Y)
	Add CPOH @ 15%				17.00
	Cost of each				130.33
	labour cess @1%				1.30
	Say				131.60




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Code	Description	Unit	Quantity	Rate ₹	Amount ₹
17.22A	Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.				
	Details of cost for 1 no.				
	MATERIAL				
7121	Bottle Trap	each	1.00	620.00	620.00
9988	Carriage and sundries	L.S.	20.00	2.12	42.40
	TOTAL				662.40 W
	Add 1 % Water charges on "W"				6.62
	TOTAL				669.02 (X)
	Add GST on "X" (multiplying factor 0.1405)				94.00
	TOTAL				763.02 (Y)
	Add 15% CPOH on "Y"				114.45
	TOTAL				877.48
	Add Cess @ 1% on "Z"				8.77
	Cost of each				886.20
	Say				886.20
17.22B	Providing and fixing CP Brass Single lever telephonic wall mixer of quality & make as pproved by Engineer in charge.				
	(a) 15 mm nominal dia				
	Details of cost for 1 no.				
	MATERIAL				
7122	CP Brass Single lever telephonic wall mixer of approved make	each	1.00	4500.00	4500.00
9977	Carriage of material and fixing charges	L.S.	34.71	2.12	73.59
	TOTAL				4573.59 W
	Add 1 % Water charges on "W"				45.74
	TOTAL				4619.32 (X)
	Add GST on "X" (multiplying factor 0.1405)				649.01
	TOTAL				5268.34 (Y)
	Add 15% CPOH on "Y"				790.25
	TOTAL				6058.59
	Add Cess @ 1% on "Z"				60.59
	Cost of each				6119.20
	Say				6119.20
17.23	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm or 340x410x265 mm sizes respectively.				
	Details of cost for one no.				
	MATERIAL:				
1913	Vitreous china lipped front urinal	each	1.00	470.00	470.00
9999	Carriage of materials	L.S.	9.49	2.12	20.12
	LABOUR:				
116	Fitter (grade 1)	day	0.38	420.00	159.60
114	Beldar day	day	0.38	306.00	116.28
	TOTAL				766.00
	Add Water Charges @ 1%				7.66
	TOTAL				773.66 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				108.70
	Total				882.36 (Y)
	Add CPOH @ 15%				132.35
	Cost of each				1014.71
	labour cess @1%				10.15
	Say				1024.90

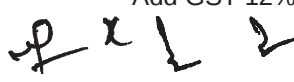
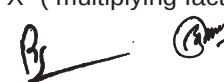
Code	Description	Unit	Quantity	Rate ₹	Amount ₹
17.24	Providing and fixing white vitreous china squatting plate urinal with integral longitudinal flush pipe.				
	Details of cost for one no.				
	MATERIAL:				
1915	Vitreous china squatting plate urinal	each	1.00	1053.00	1053.00
9999	Cement, sand and grit etc.	L.S.	10.79	2.12	22.87
9999	Carriage of materials	L.S.	13.39	2.12	28.39
	LABOUR:				
0116	Fitter (grade 1)	day	0.50	420.00	210.00
0123	Mason (brick layer) 1st class	day	0.50	413.00	206.50
0114	Beldar	day	1.00	306.00	306.00
	TOTAL				1826.76
	Add Water Charges @ 1%				18.27
	TOTAL				1845.03 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				259.23
	Total				2104.26 (Y)
	Add CPOH @ 15%				315.64
	Cost of each				2419.89
	labour cess @1%				24.20
	Say				2444.10
17.25	Providing and fixing white vitreous china wash basin including making all connections but excluding the cost of fittings.				
17.25.1	Flat back wash basin of size 630x450 mm.				
	Details of cost for one no.				
	MATERIAL:				
1947	Vitreous china flat back wash basin	each	1.00	725.00	725
	630x450 mm				
9999	Fixing charges	L.S.	53.82	2.12	114.10
9999	Carriage of materials	L.S.	9.49	2.12	20.12
	TOTAL				859.22
	Add Water Charges @ 1%				8.59
	TOTAL				867.81 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				121.93
	Total				989.74 (Y)
	Add CPOH @ 15%				148.46
	Cost of each				1138.20
	labour cess @1%				11.38
	Say				1149.60
17.25.2	Flat back wash basin of size 550x400 mm.				
	Details of cost for one no.				
	MATERIAL:				
3229	Vitreous china flat back wash basin	each	1.00	550.00	550.00
	550x400 mm				
9999	Fixing charges	L.S.	53.82	2.12	114.10
9999	Carriage of materials	L.S.	9.49	2.12	20.12
	TOTAL				684.22
	Add Water Charges @ 1%				6.84
	TOTAL				691.06 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				97.09
	Total				788.15 (Y)
	Add CPOH @ 15%				118.22
	Cost of each				906.38
	labour cess @1%				9.06
	Say				915.40




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Code	Description	Unit	Quantity	Rate ₹	Amount ₹
17.25.3	Angle back wash basin of size 600x480 mm.				
Code	Description	Unit	Quantity	Rate	Amount
	Details of cost for one no.				
	MATERIAL:				
1949	Vitreous china angle back wash basin each 600x480 mm	each	1.00	725.00	725.00
9999	Fixing charges	L.S.	53.82	2.12	114.10
9999	Carriage of materials	L.S.	9.49	2.12	20.12
	TOTAL				859.22
	Add Water Charges @ 1%				8.59
	TOTAL				867.81 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				121.93
	Total				989.74 (Y)
	Add CPOH @ 15%				148.46
	Cost of each				1138.20
	labour cess @1%				11.38
	Say				1149.60
17.25.4	Angle back wash basin of size 400x400 mm.				
	Details of cost for one no.				
	MATERIAL:				
1950	Vitreous china angle back wash basin 400x400 mm	each	1.00	425.00	425.00
9999	Fixing charges	L.S.	53.82	2.12	114.10
9999	Carriage of materials	L.S.	9.49	2.12	20.12
	TOTAL				559.22
	Add Water Charges @ 1%				5.59
	TOTAL				564.81 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				79.36
	Total				644.17 (Y)
	Add CPOH @ 15%				96.62
	Cost of each				740.79
	labour cess @1%				7.41
	Say				748.20
17.25.5	Flat back wash basin of size 450x300 mm.				
	Details of cost for one no.				
	MATERIAL:				
7004	Vitreous china flat back wash basin each 450x300 mm	each	1.00	280.00	280.00
9999	Fixing charges L.S.	L.S.	53.82	2.12	114.10
9999	Carriage of materials L.S.	L.S.	9.49	2.12	20.12
	TOTAL				414.22
	Add Water Charges @ 1%				4.14
	TOTAL				418.36 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				58.78
	Total				477.14 (Y)
	Add CPOH @ 15%				71.57
	Cost of each				548.71
	labour cess @1%				5.49
	Say				554.20
17.25.6	Surgeon type wash basin of size 660x460 mm.				
	Details of cost for one no.				
	MATERIAL:				
3213	Vitreous china Surgeon type wash basin of size 660x460 mm	each	1.00	1100.00	1100.00
9999	Fixing charges	L.S.	53.82	2.12	114.10

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
9999	Carriage of materials	L.S.	9.49	2.12	20.12
	TOTAL				1234.22
	Add Water Charges @ 1%				12.34
	TOTAL				1246.56 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				175.14
	Total				1421.70 (Y)
	Add CPOH @ 15%				213.26
	Cost of each				1634.96
	labour cess @1%				16.35
	Say				1651.30
17.26	Providing and fixing kitchen sink including making all connections excluding cost of fittings.				
17.26.1	White glazed fire clay sink of size 600x450x250 mm.				
	Details of cost for one no.				
	MATERIAL:				
1863	Fire clay kitchen sink: 600x450x250 mm	each	1	1300	1300.00
9999	Fixing charges	L.S.	40.43	2.12	85.71
9999	Carriage of materials	L.S.	10.79	2.12	22.87
	TOTAL				1408.59
	Add Water Charges @ 1%				14.09
	TOTAL				1422.67 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				199.89
	Total				1622.56 (Y)
	Add CPOH @ 15%				243.38
	Cost of each				1865.94
	labour cess @1%				18.66
	Say				1884.60
17.27	Providing and fixing white vitreous china laboratory sink including making all connections excluding cost of fittings.				
17.27.1	Size 450x300x150 mm.				
	Details of cost for one no.				
	MATERIAL:				
1871	White vitreous china laboratory sink 450x300x150 mm	each	1.00	1500.00	1500.00
9999	Fixing charges	L.S.	40.43	2.12	85.71
9999	Carriage of materials	L.S.	10.79	2.12	22.87
	TOTAL				1608.59
	Add Water Charges @ 1%				16.09
	TOTAL				1624.67 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				228.27
	Total				1852.94 (Y)
	Add CPOH @ 15%				277.94
	Cost of each				2130.88
	labour cess @1%				21.31
	Say				2152.20
17.27.2	Size 600x450x200 mm.				
	Details of cost for one no.				
	MATERIAL:				
1872	White vitreous china laboratory sink 600x450x200 mm	each	1.00	2500.00	2500.00
9999	Fixing charges	L.S.	40.43	2.12	85.71
9999	Carriage of materials	L.S.	10.79	2.12	22.87
	TOTAL				2608.59
	Add Water Charges @ 1%				26.09
	TOTAL				2634.67 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				370.17


Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	Total				3004.84 (Y)
	Add CPOH @ 15%				450.73
	Cost of each				3455.57
	labour cess @1%				34.56
	Say				3490.10
17.28	Providing and fixing P.V.C. waste pipe for sink or wash basin including PVC waste fittings complete.				
17.28.1	Semi rigid pipe.				
17.28.1.1	32 mm dia.				
	Details of cost for one no.				
	MATERIAL:				
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	1.00	25.00	25.00
9999	Carriage of materiage and fixing charges	L.S.	20.28	2.12	42.99
	TOTAL				67.99
	Add Water Charges @ 1%				0.68
	TOTAL				68.67 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				9.65
	Total				78.32 (Y)
	Add CPOH @ 15%				11.75
	Cost of each				90.07
	labour cess @1%				0.90
	Say				91.00
17.28.1.2	40 mm dia.				
	Details of cost for one no.				
	MATERIAL:				
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	1.00	33.00	33.00
9999	Carriage of materials and fixing charges	L.S.	20.28	2.12	42.99
	TOTAL				75.99
	Add Water Charges @ 1%				0.76
	TOTAL				76.75 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				10.78
	Total				87.54 (Y)
	Add CPOH @ 15%				13.13
	Cost of each				100.67
	labour cess @1%				1.01
	Say				101.70
17.28.2	Flexible pipe.				
17.28.2.1	32 mm dia.				
	Details of cost for one no.				
	MATERIAL:				
7119	Flexible (coil shaped) PVC waste pipe for sink and washbasin 32 mm dia with length not less than 700 mm i/c PVC waste fittings	each	1.00	35.00	35.00
9999	Carriage of materials and fixing charges	L.S.	20.28	2.12	42.99
	TOTAL				77.99
	Add Water Charges @ 1%				0.78
	TOTAL				78.77 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				11.07
	Total				89.84 (Y)
	Add CPOH @ 15%				13.48
	Cost of each				103.32
	labour cess @1%				1.03
	Say				104.40

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
17.28.2.2	40 mm dia.				
	Details of cost for one no.				
	MATERIAL:				
7120	Flexible (coil shaped) PVC waste pipe for each sink and wash basin 40 mm dia with length not less than 700 mm i/c PVC waste fittings	each	1.00	35.00	35.00
9999	Carriage of materials and fixing charges	L.S.	20.28	2.12	42.99
	TOTAL				77.99
	Add Water Charges @ 1%				0.78
	TOTAL				78.77 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				11.07
	Total				89.84 (Y)
	Add CPOH @ 15%				13.48
	Cost of each				103.32
	labour cess @1%				1.03
	Say				104.40
17.29	Providing and fixing 100 mm sand cast Iron grating for gully trap.				
	Details of cost for one no.				
	MATERIAL:				
1369	S.C.I. gully or nahani grating 100 mm dia	each	1.00	25.00	25.00
9999	Carriage of materials and fixing charges	L.S.	4.16	2.12	8.82
	TOTAL				33.82
	Add Water Charges @ 1%				0.34
	TOTAL				34.16 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				4.80
	Total				38.96 (Y)
	Add CPOH @ 15%				5.84
	Cost of each				44.80
	labour cess @1%				0.45
	Say				45.20
17.30	Providing and fixing in position 25 mm diameter mosquito proof coupling of approved municipal design.				
	Details of cost for one no.				
	MATERIAL:				
1350	Mosquito proof coupling of approved design	each	1.00	30.00	30.00
9999	Carriage of materials and fixing charges	L.S.	1.82	2.12	3.86
	TOTAL				33.86
	Add Water Charges @ 1%				0.34
	TOTAL				34.20
	Add GST 12% on "X" (multiplying factor 0.1405)				4.80
	Total				39.00 (Y)
	Add CPOH @ 15%				5.85
	Cost of each				44.85
	labour cess @1%				0.45
	Say				45.30
17.31	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.				
	Details of cost for one no.				
	MATERIAL:				
1392	Mirror of superior make glass 60x45 cm	each	1.00	450.00	450.00
7116	Hard board 6 mm thick 600x450 mm	sqm	0.27	115.00	31.05
8.23	Rate as per Item Number 8.32 of SH: Cladding work	each	4.00	25.10	100.40 A
588	Chromium plated Brass screws 25 mm	100 Nos	4.00	180.00	7.20
9999	Carriage of materials	L.S.	4.16	2.12	8.82
9999	Sundries	L.S.	1.43	2.12	3.03

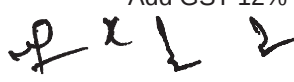
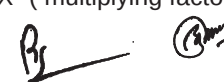


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Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	LABOUR:				
0112	Carpenter 2nd class	day	0.33	369.00	121.77
0114	Beldar	day	0.33	306.00	100.98
	TOTAL				823.25
	Add Water Charges @ 1% except on A i.e on				7.23
	TOTAL				830.48 (X)
	Add GST 12% on "X" except on A (multiplying factor				102.58
	Total				933.06 (Y)
	Add CPOH @ 15% except on A i.e on				124.90
	Cost of each				1057.95
	labour cess @1%				10.58
	Say				1068.50
17.32	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6mm thick hard board backing.				
17.32.1	Circular shape 450 mm dia. Details of cost for one no.				
	MATERIAL:				
7112	Circular shape 450 mm dia Mirror with Plastic moulded frame	each	1.00	400.00	400.00
	Hard board $0.45 \times 0.45 = 0.2025$ sqm				
	Add wastage @ 10% = 0.0203 sqm				
	= 0.2228 sqm say 0.22sqm				
7116	Hard board 6 mm thick	sqm	0.22	115.00	25.30
7048	Rawl plug 50 mm (designation 10 nos)	each	2.00	22.00	44.00
0588	Chromium plated Brass screws 25 mm and washers	100 Nos	2.00	180.00	3.60
9999	Sundries	L.S	1.43	2.12	3.03
9999	Carriage of materials	L.S	4.16	2.12	8.82
	LABOUR:				
0112	Carpenter 2nd class	day	0.33	369.00	121.77
0114	Beldar	day	0.33	306.00	100.98
	TOTAL				707.50
	Add Water Charges @ 1%				7.08
	TOTAL				714.58 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				100.40
	Total				814.97 (Y)
	Add CPOH @ 15%				122.25
	Cost of each				937.22
	labour cess @1%				9.37
	Say				946.60
17.32.2	Rectangular shape 453x357 mm.				
	Details of cost for one no.				
	MATERIAL:				
7113	Rectangular shape 453x357 mm Mirror with Plastic moulded frame	each	1.00	290.00	290.00
	Hard board $0.453 \times 0.357 = 0.1617$ sqm				
	Add wastage @ 10% = 0.0162 sqm				
	= 0.1779 sqm say 0.18 sqm				
7116	Hard board 6 mm thick	sqm	0.18	115.00	20.70
7048	Rawl plug 50 mm (designation 10 nos)	each	4.00	22.00	88.00
0588	Chromium plated Brass screws 25 mm and washers	100Nos	4.00	180.00	7.20
9999	Sundries	L.S	1.43	2.12	3.03
9999	Carriage of materials	L.S	4.16	2.12	8.82
	LABOUR:				

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
0112	Carpenter 2nd class	day	0.33	369.00	121.77
0114	Beldar	day	0.33	306.00	100.98
	TOTAL				640.50
	Add Water Charges @ 1%				6.41
	TOTAL				646.91 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				90.89
	Total				737.80 (Y)
	Add CPOH @ 15%				110.67
	Cost of each				848.47
	labour cess @1%				8.48
	Say				857.00
17.32.3	Oval shape 450x350 mm (outer dimensions).				
	Details of cost for one no.				
	MATERIAL:				
7114	Oval shape 450x350 mm (outer dimensions)	each	1	290.00	290
	Mirror with Plastic moulded frame				
	Hard board $0.45 \times 0.35 = 0.1575$ sqm				
	Add wastage @ 10% = 0.0158 sqm				
	= 0.1733 sqm say 0.17 sqm				
7116	Hard board 6 mm thick	sqm	0.17	115	19.55
7048	Rawl plug 50 mm (designation 10 nos)	each	4	22.00	88.00
588	Chromium plated Brass screws 25 mm	100 Nos	4	180	7.20
9999	Sundries	L.S.	1.43	2.12	3.03
9999	Carriage of materials	L.S.	4.16	2.12	8.82
	LABOUR:				
112	Carpenter 2nd class	day	0.33	369.00	121.77
114	Beldar	day	0.33	306.00	100.98
	TOTAL				639.35
	Add Water Charges @ 1%				6.39
	TOTAL				645.74 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				90.73
	Total				736.47 (Y)
	Add CPOH @ 15%				110.47
	Cost of each				846.94
	labour cess @1%				8.47
	Say				855.40
17.32.4	Rectangular shape 1500x450 mm.				
	Details of cost for one no.				
	MATERIAL:				
7115	Rectangular shape 1500x450 mm Mirror with	each	1	670.00	670.00
	Plastic moulded frame				
	Hard board $1.50 \times 0.45 = 0.675$ sqm				
	Add wastage @ 10% = 0.0675 sqm				
	= 0.7425 sqm say 0.74sqm				
7116	Hard board 6 mm thick	sqm	0.74	115.00	85.10
7048	Rawl plug 50 mm (designation 10 nos)	each	6	22.00	132.00
588	Chromium plated Brass screws 25 mm	100 Nos	6	180	10.80
9999	Sundries	L.S.	1.43	2.12	3.03
9999	Carriage of materials	L.S.	4.16	2.12	8.82
	LABOUR:				0.00
112	Carpenter 2nd class	day	0.33	369.00	121.77
114	Beldar	day	0.33	306.00	100.98
	TOTAL				1132.50
	Add Water Charges @ 1%				11.33
	TOTAL				1143.83 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				160.71


Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	Total				1304.53 (Y)
	Add CPOH @ 15%				195.68
	Cost of each				1500.21
	labour cess @1%				15.00
	Say				1515.20
17.33	Providing and fixing 600x120x5 mm glass shelf with edges round off on anodised aluminium angle frame with C.P. brass brackets and guard rail complete supported fixed with 40 mm long screws, rawl plugs etc., complete.				
	Details of cost for one no.				
	MATERIAL:				
3228	600x120 mm glass shelf with anodised aluminium angle frame, C.P. brass brackets and guard rail of standard size	each	1	300.00	300.00
7048	Rawl plug 50 mm (designation 10 nos)	each	2	22.00	44.00
586	Chromium plated Brass screws 40 mm	100 Nos	4	290.00	11.60
9999	Carriage of materials	L.S	4.16	2.12	8.82
	LABOUR:				
0112	Carpenter 2nd class day 0.25 361.00 90.25	DAY	0.25	369.00	92.25
0114	Beldar	day	0.25	306.00	76.50
	TOTAL				533.17
	Add Water Charges @ 1%				5.33
	TOTAL				538.50 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				75.66
	Total				614.16 (Y)
	Add CPOH @ 15%				92.12
	Cost of each				706.28
	labour cess @1%				7.06
	Say				713.30
17.34	Providing and fixing toilet paper holder.				
17.34.1	C.P. brass.				
	Details of cost for one no.				
	MATERIAL:				
1889	C.P. brass toilet paper holder of standard size Wooden cleats	Each	1	280.00	280.00
8.23	Rate as per Item Number 8.23 of SH: Cladding work	Each	2	25.10	50.20 A
588	Chromium plated Brass screws 25 mm	100nos	2	180	3.60
9999	Carriage of materials	LS	4.29	2.12	9.09
	MATERIAL:				
0112	Carpenter 2nd class	day	0.12	369.00	44.28
0114	Beldar		0.12	306.00	36.72
	TOTAL				423.89
	Add Water Charges @ 1% except on A i.e on				3.74
	TOTAL				427.63 (X)
	Add GST 12% on "X" except on A(multiplying factor				53.03
	Total				480.66 (Y)
	Add CPOH @ 15% except on A i.e on				64.57
	Cost of each				545.23
	labour cess @1%				5.45
	Say				550.70
17.34.2	Vitreous china.				
	Details of cost for one no.				
	MATERIAL:				
3749	Vitreous china toilet paper holder of standard size Wooden cleats	each	1.00	110.00	110.00
8.23	Rate as per Item 8.23 of SH: Cladding work	each	2.00	25.10	50.20 A

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	and PVC work				
588	Chromium plated Brass screws 25 mm	100 Nos	6.00	180.00	10.80
9999	Carriage of materials	L.S.	4.29	2.12	9.09
	LABOUR:				
112	Carpenter 2nd class	day	0.12	369.00	44.28
114	Beldar	day	0.12	306.00	36.72
	TOTAL				261.09
	Add Water Charges @ 1% except on A i.e on				2.11
	TOTAL				263.20 (X)
	Add GST 12% on "X" except on A (multiplying factor				29.93
	Total				293.13 (Y)
	Add CPOH @ 15% except on A i.e on				36.44
	Cost of each				329.57
	labour cess @1%				3.30
	Say				332.90
17.35	Providing and fixing soil, waste and vent pipes.				
17.35.1	100 mm dia.				
17.35.1.1	Sand cast iron S&S pipe as per IS: 1729.				
	Details of cost for 17.37m (1.8mx10)-				
	(9x0.07m) = 17.37 m				
	MATERIAL:				
1617	S.C. I. soil, waste and vent single socketed	each	10.5	1135.00	11917.50
	pipe 1.80 metres long: 100 mm dia				
9999	Scaffolding	L.S.	80.73	2.12	171.15
9999	Carriage of materials	L.S.	53.82	2.12	114.10
	LABOUR:				
116	Fitter (grade 1)	day	0.42	420.00	176.40
100	Bandhani	day	0.21	325.00	68.25
114	Beldar	day	0.83	306.00	253.98
	TOTAL				12701.38
	Add Water Charges @ 1%				127.01
	TOTAL				12828.39 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1802.39
	Total				14630.78 (Y)
	Add CPOH @ 15%				2194.62
	Cost of 17.37 metre				16825.40
	Cost of 1 metre				968.65
	labour cess @1%				9.69
	Say				978.30
17.35.1.2	Centrifugally cast (spun) iron socket & spigot (S&S) pipe as per IS: 3989.				
	Details of cost for 16.87m				
	(1.75mx10)-(9x0.07m) = 16.87m.				
	MATERIAL:				
3620	C.C.I. (spun) socketed soil, waste and vent	each	10.5	1170.00	12285.00
	pipe 1.80 metres long:100 mm dia				
9999	Scaffolding	L.S.	80.73	2.12	171.15
9977	Carriage of materials	L.S.	53.82	2.12	114.10
	LABOUR:				
116	Fitter (grade 1)	day	0.42	420.00	176.40
100	Bandhani	day	0.21	325.00	68.25
114	Beldar	day	0.83	306.00	253.98
	TOTAL				13068.88 W
	Add Water Charges @ 1%				130.69
	TOTAL				13199.56 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1854.54
	Total				15054.10 (Y)





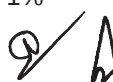

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Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add CPOH @ 15%				2258.12
	Cost of 16.87 metre				17312.22
	Cost of 1 metre				1026.21
	labour cess @1%				10.26
	Say				1036.50
17.35.1.3	Hubless centrifugally cast (spun) iron pipes epoxy coated inside & outside IS:15905				
	Detail of cost for 18.00 m (6 x 3.00 m)				
	MATERIAL				
7621	Hubless centrifugally cast (spun) iron pipes as per IS 15905 - 100 mm dia (3000 mm length pipe)	metre	18.54	700.00	12978.00
	i/c (3% wastage)				
9999	Scaffolding	L.S.	80.73	2.12	171.15
9977	Carriage of materials	L.S.	53.82	2.12	114.10
	LABOUR				
116	Fitter (grade 1)	day	0.42	420.00	176.40
100	Bandhani	day	0.21	325.00	68.25
114	Beldar	day	0.83	306.00	253.98
	TOTAL				13761.88 W
	Add 1 % Water charges on "W"				137.62
	TOTAL				13899.49 X
	Add GST on "X" (multiplying factor 0.1405)				1952.88
	TOTAL				15852.37 Y
	Add 15% CPOH on "Y"				2377.86
	TOTAL				18230.23 Z
	Add Cess @ 1% on "Z"				182.30
	Cost of 18.00 metre				18412.53
	Cost of 1 metre				1022.92
	Say				1022.90
17.35.2	75 mm diameter.				
17.35.2.1	Sand cast iron S&S pipe as per IS: 1729.				
	Details of cost for 17.42m (1.8mx10)- (9x0.065m)= 17.415 m say 17.42m.				
	MATERIAL:				
1616	S.C.I. soil, waste and vent single socketed pipe 1.80 metres long: 75 mm dia	each	10.5	1050.00	11025
9999	Scaffolding	L.S.	80.73	2.12	171.1476
9999	Carriage of materials	L.S.	40.38	2.12	85.6056
	LABOUR:				
116	Fitter (grade 1)	day	0.35	420.00	147
100	Bandhani	day	0.17	325.00	55.25
114	Beldar	day	0.7	306.00	214.2
	TOTAL				11698.2
	Add Water Charges @ 1%				116.982
	TOTAL				11815.19 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1660.03
	Total				13475.22 (Y)
	Add CPOH @ 15%				2021.28
	Cost of 17.42 metre				15496.50
	Cost of 1 metre				889.581
	labour cess @1%				8.89581
	Say				898.50
17.35.2.2	Centrifugally cast (spun) iron socketed pipe as per IS: 3989.				
	Details of cost for 16.92m (1.75mx10)-(9x0.065m) = 16.915 m				

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	say 16.92 m.				
	MATERIAL:				
3621	C.C.I. (spun) socketed soil, waste and vent pipe 1.80 metres long:75 mm dia including 5% allowance for wastage	each	10.50	1150.00	10867.50
9999	Scaffolding	L.S.	80.73	2.12	171.15
9999	Carriage of materials	L.S.	40.38	2.12	85.61
	LABOUR:				
0116	Fitter (grade 1)	day	0.35	420.00	147.00
0100	Bandhani	day	0.17	325.00	55.25
0114	Beldar	day	0.70	306.00	214.20
	TOTAL				11474.60
	Add Water Charges @ 1%				114.75
	TOTAL				11589.35 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1628.30
	Total				13217.65 (Y)
	Add CPOH @ 15%				1982.65
	Cost of 16.92 metre				15200.30
	Cost of 1 metre				898.36
	labour cess @1%				8.98
	Say				907.30
17.35.2.3	Hubless centrifugally cast (spun) iron pipes epoxy coated inside & outside IS:15905				
	Detail of cost for 18.00 m (6 x 3.00				
	MATERIAL				
7622	Hubless centrifugally cast (spun) iron pipes as per IS 15905 - 75 mm dia 3000 mm length pipe)	metre	18.54	570.00	10567.80
	c (3% wastage)				
9999	Scaffolding	L.S.	80.73	2.12	171.15
9977	Carriage of materials	L.S.	40.38	2.12	85.61
	LABOUR				
116	Fitter (grade 1)	day	0.35	420.00	147.00
100	Bandhani	day	0.17	325.00	55.25
114	Beldar	day	0.7	306.00	214.20
	TOTAL				11241.00
	Add 1 % Water charges on "W"				112.41 W
	TOTAL				11353.41
	Add GST on "X" (multiplying factor 0.1405)				1595.15 X
	TOTAL				12948.57
	Add 15% CPOH on "Y"				1942.29 Y
	TOTAL				14890.85
	Add Cess @ 1% on "Z"				148.91 Z
	Cost of 18.00 metre				15039.76
	Cost of 1 metre				835.54
	Say				835.50
17.36	Providing and filling the joints with spun yarn, cement slurry and cement mortar 1:2 (1 cement : 2 fine sand) in S.C.I. / C.I. Pipes.				
17.36.1	75 mm dia pipe.				
	Details of cost for 4 joints.				
	MATERIAL:				
9999	Cement mortar, spun yarn etc.	L.S.	6.89	2.12	14.61
	LABOUR:				
0116	Fitter (grade 1)	day	0.28	420.00	117.60
114	Beldar	day	0.28	306.00	85.68
	TOTAL				217.89
	Add Water Charges @ 1%				2.18




Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	TOTAL				220.07 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				30.92
	Total				250.98 (Y)
	Add CPOH @ 15%				37.65
	Cost of 4 nos				288.63
	Cost of each				72.16
	labour cess @1%				0.72
	Say				72.90
17.36.2	100 mm dia pipe.				
	Details of cost for 4 joints.				
	MATERIAL:				
9999	Cement mortar, spun yam etc.	L.S.	8.06	2.12	17.09
	LABOUR:				
0116	Fitter (grade 1)	day	0.33	420.00	138.60
0114	Beldar	day	0.33	306.00	100.98
	TOTAL				256.67
	Add Water Charges @ 1%				2.57
	TOTAL				259.23 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				36.42
	Total				295.66 (Y)
	Add CPOH @ 15%				44.35
	Cost of 4 nos				340.00
	Cost of each				85.00
	labour cess @1%				0.85
	Say				85.90
17.37	Providing and fixing M.S. holder-bat clamps of approved design to Sand Cast Iron / Cast Iron (spun) pipe embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone 20 mm nominal size), including cost of cutting holes and making good the walls aggregate etc.				
17.37.1	For 100 mm dia pipe.				
	Details of cost for 5 nos.				
	MATERIAL:				
1331	M.S.Holder bat clamp of approved design for 100 mm S.C.I. pipe	each	5.00	30.00	150.00
9999	Carriage of clamps	L.S.	2.47	2.12	5.24
	LABOUR:				
0116	Fitter (grade 1)	day	0.13	420.00	52.50
0124	Mason (brick layer) 2nd class	day	0.75	369.00	276.75
0114	Beldar	day	0.50	306.00	153.00
9999	Sundries	L.S.	7.15	2.12	15.16
	C.C. Block 5x0.10x0.10= 0.005 cum				
295	Stone Aggregate (Single size) : 20 mm nominal size	cum	0.0033	595.36	1.96
297	Stone Aggregate (Single size) : 10 mm nominal size	cum	0.0011	657.91	0.72
2202	Carriage of stone aggregate below 40 mm nominal size	cum	0.0044	0.00	0.00
982	Coarse sand (zone III)	cum	0.0022	175.80	0.39
2203	Carriage of coarse sand	cum	0.0022	0.00	0.00
367	Portland Cement	tonne	0.0016	4408.00	7.05
2209	Carriage of cement	tonne	0.0016	0.00	0.00
0114	Beldar	day	0.0045	306.00	1.38
0115	Coolie	day	0.0032	318.00	1.02
0101	Bhisti	day	0.0014	332.00	0.46
0123	Mason (brick layer) 1st class	day	0.0003	413.00	0.12
0124	Mason (brick layer) 2nd class	day	0.0003	369.00	0.11

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
0128	Mate	day	0.0002	325.00	0.07
9999	Hire charges of machine etc.	L.S.	0.26	2.12	0.55
9999	Sundries	L.S.	0.13	2.12	0.28
9999	Sundries	L.S.	0.13	2.12	0.28
	TOTAL				667.03
	Add Water Charges @ 1%				6.67
	TOTAL				673.70 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				94.66
	Total				768.36 (Y)
	Add CPOH @ 15%				115.25
	Cost of 5 nos				883.61
	Cost of each				176.72
	labour cess @1%				1.77
	Say				178.50
17.37.2	For 75 mm dia pipe.				
	Details of cost for 5 nos.				
	MATERIAL:				
1332	M.S.Holder bat clamp of approved design	each	5.00	27.00	135.00
	for 75 mm S.C.I. pipe				
9999	Carriage of bat clamps	L.S.	2.47	2.12	5.24
	LABOUR:				
0116	Fitter (grade 1)	day	0.13	420.00	52.50
0124	Mason (brick layer) 2nd class	day	0.75	369.00	276.75
0114	Beldar	day	0.50	306.00	153.00
9999	Sundries	L.S.	7.15	2.12	15.16
	CC Block 5x0.10x0x0.10= 0.005 cum				
'0295	Stone Aggregate (Single size) : 20 mm	cum	0.0033	595.36	1.96
	nominal size				
0297	Stone Aggregate (Single size) : 10 mm	cum	0.0011	657.91	0.72
	nominal size				
2202	Carriage of stone aggregate below 40 mm	cum	0.0044	0.00	0.00
	nominal size				
0982	Coarse sand (zone III)	cum	0.0022	175.80	0.39
2203	Carriage of coarse sand	cum	0.0022	0.00	0.00
0367	Portland Cement	tonne	0.0016	4408.00	7.05
2209	Carriage of cement	tonne	0.0016	145.72	0.23
0114	Beldar	day	0.0045	306.00	1.38
0115	Coolie	day	0.0032	318.00	1.02
0101	Bhisti	day	0.0014	332.00	0.46
0123	Mason (brick layer) 1st class	day	0.0003	413.00	0.12
0124	Mason (brick layer) 2nd class	day	0.0003	369.00	0.11
0128	Mate	day	0.0002	325.00	0.07
9999	Hire charges of machine etc.	L.S.	0.26	2.12	0.55
9999	Sundries	L.S.	0.13	2.12	0.28
9999	Sundries	L.S.	0.13	2.12	0.28
	TOTAL				652.27
	Add Water Charges @ 1%				6.52
	TOTAL				658.79 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				92.56
	Total				751.35 (Y)
	Add CPOH @ 15%				112.70
	Cost of 5 nos				864.05
	Cost of each				172.81
	labour cess @1%				1.73
	Say				174.50






Code	Description	Unit	Quantity	Rate ₹	Amount ₹
17.38	Providing and fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete.				
17.38.1	100 mm dia.				
17.38.1.1	Sand cast iron S&S as per IS - 1729.				
	Details of cost for one no.				
	MATERIAL:				
1625	S.C.I. bend with access door 100 mm dia including cost of bolts and nuts	each	1	350.00	350.00
1374	Rubber insertions for 100 mm dia pipe joints	each	1	18.00	18.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				396.66
	Add Water Charges @ 1%				3.97
	TOTAL				400.63 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				56.29
	Total				456.92 (Y)
	Add CPOH @ 15%				68.54
	Cost of each				525.46
	labour cess @1%				5.25
	Say				530.70
17.38.1.2	Sand cast iron S&S as per IS - 3989.				
	Details of cost for one no.				
	MATERIAL:				
3624	S.C.I. S&S bends with access door 100 mm dia including cost of bolts and nuts	each	1	400.00	400.00
1374	Rubber insertions for 100 mm dia pipe joints 3 mm thick	each	1	18.00	18.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				446.66
	Add Water Charges @ 1%				4.47
	TOTAL				451.13 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				63.38
	Total				514.51 (Y)
	Add CPOH @ 15%				77.18
	Cost of each				591.69
	labour cess @1%				5.92
	Say				597.60
17.38.1.3	Hubless centrifugally cast (spun) iron epoxy coated inside & outside as per IS:15905				
	Detail of cost for one no.				
	MATERIAL				
7639	Hubless centrifugally cast (spun) iron bend with access door - 100 mm dia as per IS IS:15905	each	1	365.00	365.00
1374	Rubber insertions for 100 mm dia pipe joints	each	1	18.00	18.00
9977	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				411.66 W
	Add 1 % Water charges on "W"				4.12
	TOTAL				415.78 X
	Add GST on "X" (multiplying factor 0.1405)				58.42
	TOTAL				474.20 Y
	Add 15% CPOH on "Y"				71.13
	TOTAL				545.33 Z
	Add Cess @ 1% on "Z"				5.45
	Cost of each				550.80
	Say				550.80

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
17.38.2	75 mm dia.				
17.38.2.1	Sand cast iron S&S as per IS - 1729.				
	Details of cost for one no.				
	MATERIAL:				
1624	S.C.I. bend with access door 75 mm dia including cost of bolts and nuts	each	1	290.00	290.00
1373	Rubber insertions for 80 mm dia pipe joints 3 mm thick	each	1	16.00	16.00
9999	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				328.87
	Add Water Charges @ 1%				3.29
	TOTAL				332.16 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				46.67
	Total				378.83 (Y)
	Add CPOH @ 15%				56.82
	Cost of each				435.66
	labour cess @1%				4.36
	Say				440.00
17.38.2.2	Sand cast iron S&S as per IS- 3989.				
	Details of cost for one no.				
	MATERIAL:				
3625	S.C.I. S&S bends with access door 75 mm dia including cost of bolts and nuts	each	1	300.00	300.00
1373	Rubber insertions for 80 mm dia pipe joints 3 mm thick	each	1	16	16.00
9999	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				338.87
	Add Water Charges @ 1%				3.39
	TOTAL				342.26 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				48.09
	Total				390.35 (Y)
	Add CPOH @ 15%				58.55
	Cost of each				448.90
	labour cess @1%				4.49
	Say				453.40
17.38.2.3	Hubless centrifugally cast (spun) iron epoxy coated inside & outside as per IS:15905				
	Detail of cost for one no.				
	MATERIAL				
7640	Hubless centrifugally cast (spun) iron bend with access door - 75 mm dia as per IS 15905 including cost of bolts & nuts.	each	1	290.00	290.00
1373	Rubber insertions for 80 mm dia pipe joints 3mm thick	each	1	16.00	16.00
9977	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				328.87 W
	Add 1 % Water charges on "W"				3.29
	TOTAL				332.16 (X)
	Add GST on "X" (multiplying factor 0.1405)				46.67
	TOTAL				378.83 (Y)
	Add 15% CPOH on "Y"				56.82
	TOTAL				435.66 Z
	Add Cess @ 1% on "Z"				4.36
	Cost of each				440.00
	Say				440.00














Code	Description	Unit	Quantity	Rate ₹	Amount ₹
17.39	Providing and fixing plain bend of required degree.				
17.39.1	100 mm dia.				
17.39.1.1	Sand cast iron S&S as per IS - 1729.				
	Details of cost for one no.				
	MATERIAL:				
1621	S.C.I. plain bend 100 mm dia	each	1.00	280.00	280.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				308.66
	Add Water Charges @ 1%				3.09
	TOTAL				311.75 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				43.80
	Total				355.55 (Y)
	Add CPOH @ 15%				53.33
	Cost of each				452.68
	labour cess @1%				4.53
	Say				457.20
17.39.1.2	Sand cast iron S&S as per IS : 3989.				
	Details of cost for one no.				
	MATERIAL:				
3628	S.C.I. S&S bend 100 mm dia	each	1.00	300.00	300.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				328.66
	Add Water Charges @ 1%				3.29
	TOTAL				331.95 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				46.64
	Total				378.59 (Y)
	Add CPOH @ 15%				56.79
	Cost of each				435.38
	labour cess @1%				4.35
	Say				439.70
17.39.1.3	Hubless centrifugally cast (spun) iron pipes epoxy coated inside & outside IS:15905				
	Detail of cost for one no.				
	MATERIAL				
7623	Hubless centrifugally cast (spun) iron plain bend as per IS 15905- 100 mm dia	each	1.00	230.00	230.00
9977	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				258.66
	Add 1 % Water charges on "W"				2.59
	TOTAL				261.25 (X)
	Add GST on "X" (multiplying factor 0.1405)				36.71
	TOTAL				297.95 (Y)
	Add 15% CPOH on "Y"				44.69
	TOTAL				342.65
	Add Cess @ 1% on "Z"				3.43
	Cost of each				346.10
	Say				346.10
17.39.2	75 mm dia.				
17.39.2.1	Sand cast iron S&S as per IS -1729.				
	Details of cost for one no.				
	MATERIAL:				
1620	S.C.I. plain bend 75 mm dia	each	1.00	210.00	210.00
9999	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				232.87

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add Water Charges @ 1%				2.33
	TOTAL				235.20 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				33.05
	Total				268.25 (Y)
	Add CPOH @ 15%				40.24
	Cost of each				308.49
	labour cess @1%				3.08
	Say				311.60
17.39.2.2	Sand cast iron S&S as per IS - 3989				
	Details of cost for one no.				
	MATERIAL:				
3629	S.C.I. S&S bend 75 mm dia	each	1.00	200.00	200.00
9999	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				222.87
	Add Water Charges @ 1%				2.23
	TOTAL				225.10 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				31.63
	Total				256.73 (Y)
	Add CPOH @ 15%				38.51
	Cost of each				295.24
	labour cess @1%				2.95
	Say				298.20
17.39.2.3	Hubless centrifugally cast (spun) iron pipes epoxy coated inside & outside IS:15905				
	Detail of cost for one no.				
	MATERIAL				
7624	Hubless centrifugally cast (spun) iron plain bend as per IS 15905 - 75 mm dia	each	1.00	160.00	160.00
9977	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				182.87
	Add 1 % Water charges on "W"				1.83
	TOTAL				184.70 (X)
	Add GST on "X" (multiplying factor 0.1405)				25.95
	TOTAL				210.65 (Y)
	Add 15% CPOH on "Y"				31.60
	TOTAL				242.25
	Add Cess @ 1% on "Z"				2.42
	Cost of each				244.70
	Say				244.70
17.40	Providing and fixing heel rest sanitary bend				
17.40.1	100 mm dia				
17.40.1.1	Sand cast iron S&S as per IS - 1729.				
	Details of cost for one no.				
	MATERIAL:				
1667	Sand cast iron heel rest bend 100 mm dia	each	1.00	355.00	355.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				383.66
	Add Water Charges @ 1%				3.84
	TOTAL				387.50 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				54.44
	Total				441.94 (Y)
	Add CPOH @ 15%				66.29
	Cost of each				508.23
	labour cess @1%				5.08
	Say				513.30






Code	Description	Unit	Quantity	Rate ₹	Amount ₹
17.40.1.2	Sand cast iron S&S as per IS - 3989.				
	Details of cost for one no.				
	MATERIAL:				
3634	S.C.I. S&S heel rest sanitary bend 100 mm dia	each	1.00	300.00	300.00
	Code Description Unit Quantity Rate Amount				
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				328.66
	Add Water Charges @ 1%				3.29
	TOTAL				331.95 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				46.64
	Total				378.59 (Y)
	Add CPOH @ 15%				56.79
	Cost of each				435.38
	labour cess @1%				4.35
	Say				439.70
17.40.2	75 mm dia.				
17.40.2.1	Sand cast iron S&S as per IS - 1729.				
	Details of cost for one no.				
	MATERIAL:				
1666	Sand cast iron heel rest bend 75 mm dia	each	1.00	300.00	300.00
9999	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				322.87
	Add Water Charges @ 1%				3.23
	TOTAL				326.10 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				45.82
	Total				371.92 (Y)
	Add CPOH @ 15%				55.79
	Cost of each				427.71
	labour cess @1%				4.28
	Say				432.00
17.40.2.2	Sand cast iron S&S as per IS - 3989.				
	Details of cost for one no.				
	MATERIAL:				
3635	S.C.I. S&S heel rest sanitary bend 75 mm dia	each	1.00	280.00	280.00
9999	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				302.87
	Add Water Charges @ 1%				3.03
	TOTAL				305.90 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				42.98
	Total				348.88 (Y)
	Add CPOH @ 15%				52.33
	Cost of each				401.22
	labour cess @1%				4.01
	Say				405.20
17.41	Providing and fixing double equal junction of required degree with access door, insertion rubber washer 3mm thick, bolts and nuts complete.				
17.41.1	100x100x100x100 mm.				
17.41.1.1	Sand cast iron S&S as per IS - 1729.				
	Details of cost for one no.				
	MATERIAL:				
1637	S.C.I. double equal junctions 100x100x100x100 mm dia with access door including cost of bolts and nuts	each	1	730.00	730.00
1374	Rubber insertions for 100 mm dia pipe joints 3 mm thick	each	1	18.00	18.00
9999	Carriage of materials and fixing charges	L.S.	13.39	2.12	28.39

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	TOTAL				776.39
	Add Water Charges @ 1%				7.76
	TOTAL				784.15 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				110.17
	Total				894.32 (Y)
	Add CPOH @ 15%				134.15
	Cost of each				1028.47
	labour cess @1%				10.28
	Say				1038.80
17.41.1.2	Sand cast iron S&S as per IS - 3989.				
	Details of cost for one no.				
	MATERIAL:				
3654	S.C.I. S&S double equal junctions with access door 100x100x100x100 mm including cost of bolts and nuts	each	1.00	630.00	630.00
1374	Rubber insertions for 100 mm dia pipe joints 3 mm thick	each	1.00	18.00	18.00
9999	Carriage of materials and fixing charges	L.S.	13.39	2.12	28.39
	TOTAL				676.39
	Add Water Charges @ 1%				6.76
	TOTAL				683.15 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				95.98
	Total				779.13 (Y)
	Add CPOH @ 15%				116.87
	Cost of each				896.00
	labour cess @1%				8.96
	Say				905.00
17.41.2	75x75x75x75 mm.				
17.41.2.1	Sand cast iron S&S as per IS - 1729.				
	Details of cost for one no.				
	MATERIAL:				
1636	S.C.I. double equal junctions 75x75x 75x75 mm dia with access door including cost of bolts and nuts	each	1	525.00	525.00
1373	Rubber insertions for 80 mm dia pipe joints 3 mm thick	each	1	16.00	16.00
9999	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				563.87
	Add Water Charges @ 1%				5.64
	TOTAL				569.51 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				80.02
	Total				649.53 (Y)
	Add CPOH @ 15%				97.43
	Cost of each				746.96
	labour cess @1%				7.47
	Say				754.40
17.41.2.2	Sand cast iron S&S as per IS - 3989.				
	Details of cost for one no.				
	MATERIAL:				
3655	S.C.I. S&S double equal junctions with access door 75x75x75x75 mm including cost of bolts and nuts	each	1	500.00	500.00
1373	Rubber insertions for 80 mm dia pipe joints 3 mm thick	each	1	16	16.00
9999	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				538.87









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Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add Water Charges @ 1%				5.39
	TOTAL				544.26 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				76.47
	Total				620.73 (Y)
	Add CPOH @ 15%				93.11
	Cost of each				713.84
	labour cess @1%				7.14
	Say				721.00
17.42	Providing and fixing double equal plain junction of required degree.				
17.42.1	100x100x100x100 mm.				
17.42.1.1	Sand cast iron S&S as per IS - 1729.				
	Details of cost for one no.				
	MATERIAL:				
1634	S.C.I. plain double equal junctions	each	1	615.00	615.00
	100x100x100x100 mm dia				
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				643.66
	Add Water Charges @ 1%				6.44
	TOTAL				650.10
	Add GST 12% on "X" (multiplying factor 0.1405)				91.34
	Total				741.44 (Y)
	Add CPOH @ 15%				111.22
	Cost of each				852.65
	labour cess @1%				8.53
	Say				861.20
17.42.1.2	Sand cast iron S&S as per IS - 3989.				
	Details of cost for one no.				
	MATERIAL:				
3650	S.C.I. S&S double equal junctions	each	1	630.00	630.00
	100x100x100x100 mm				
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				658.66
	Add Water Charges @ 1%				6.59
	TOTAL				665.25
	Add GST 12% on "X" (multiplying factor 0.1405)				93.47
	Total				758.72 (Y)
	Add CPOH @ 15%				113.81
	Cost of each				872.52
	labour cess @1%				8.73
	Say				881.20
17.42.1.3	Hubless centrifugally cast (spun) iron pipes epoxy coated inside & outside IS:15905				
	Detail of cost for one no.				
	MATERIAL				
7625	Hubless centrifugally cast (spun) iron	each	1	510.00	510.00
	double equal plain junction as per IS 15905 -				
	100x100x100x100 mm dia				
9977	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				538.66
	Add 1 % Water charges on "W"				5.39
	TOTAL				544.05
	Add GST on "X" (multiplying factor 0.1405)				76.44
	TOTAL				620.49 (Y)
	Add 15% CPOH on "Y"				93.07
	TOTAL				713.56
	Add Cess @ 1% on "Z"				7.14
	Cost of each				720.70
	Say				720.70

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
17.42.2	75x75x75x75 mm.				
17.42.2.1	Sand cast iron S&S as per IS - 1729.				
	Details of cost for one no.				
	MATERIAL:				
1633	S.C.I. plain double equal junctions 75x75x 75x75 mm dia	each	1	410.00	410
9999	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				432.87
	Add Water Charges @ 1%				4.33
	TOTAL				437.20
	Add GST 12% on "X" (multiplying factor 0.1405)				61.43
	Total				498.63 (Y)
	Add CPOH @ 15%				74.79
	Cost of each				573.43
	labour cess @1%				5.73
	Say				579.20
17.42.2.2	Sand cast iron S&S as per IS - 3989.				
	Details of cost for one no.				
	MATERIAL:				
3651	S.C.I. S&S double equal junctions 75x75x 75x75 mm	each	1	470.00	470.00
9999	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				492.87
	Add Water Charges @ 1%				4.93
	TOTAL				497.80
	Add GST 12% on "X" (multiplying factor 0.1405)				69.94
	Total				567.74 (Y)
	Add CPOH @ 15%				85.16
	Cost of each				652.91
	labour cess @1%				6.53
	Say				659.40
17.42.2.3	Hubless centrifugally cast (spun) iron pipes epoxy coated inside & outside IS:15905				
	Detail of cost for one no.				
	MATERIAL				
7626	Hubless centrifugally cast (spun) iron double equal plain junction as per IS 15905 - 75x75x75x75 mm dia	each	1	275.00	275.00
9977	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				297.87
	Add 1 % Water charges on "W"				2.98
	TOTAL				300.85
	Add GST on "X" (multiplying factor 0.1405)				42.27
	TOTAL				343.12 (Y)
	Add 15% CPOH on "Y"				51.47
	TOTAL				394.59
	Add Cess @ 1% on "Z"				3.95
	Cost of each				398.50
	Say				398.50
17.43	Providing and fixing single equal plain junction of required degree with access door, insertion rubber washer 3mm thick, bolts and nuts complete.				
17.43.1	100x100x100 mm.				
17.43.1.1	Sand cast iron S&S as per IS - 1729.				
	Details of cost for one no.				
	MATERIAL:				
1631	S.C.I. single equal junctions 100x100x 100 mm dia with access door	each	1	455.00	455.00














Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	including cost of bolts and nuts				
1374	Rubber insertions for 100 mm dia pipe joints 3 mm thick	each	1	18	18.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				501.66
	Add Water Charges @ 1%				5.02
	TOTAL				506.68
	Add GST 12% on "X" (multiplying factor 0.1405)				71.19
	Total				577.87 (Y)
	Add CPOH @ 15%				86.68
	Cost of each				664.55
	labour cess @1%				6.65
	Say				671.20
17.43.1.2	Sand cast iron S&S as per IS - 3989.				
	Details of cost for one no.				
	MATERIAL:				
3644	S.C.I. S&S single equal junctions with access door 100x100x100 mm	each	1	500.00	500.00
	including cost of bolts and nuts				
1374	Rubber insertions for 100 mm dia pipe joints 3 mm thick	each	1	18	18.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				546.66
	Add Water Charges @ 1%				5.47
	TOTAL				552.13
	Add GST 12% on "X" (multiplying factor 0.1405)				77.57
	Total				629.70 (Y)
	Add CPOH @ 15%				94.46
	Cost of each				724.16
	labour cess @1%				7.24
	Say				731.40
17.43.2	75x75x75 mm.				
17.43.2.1	Sand cast iron S&S as per IS - 1729.				
	Details of cost for one no.				
	MATERIAL:				
1630	S.C.I. single equal junctions 75x75x 75 mm dia with access door	each	1	390.00	390.00
	including cost of bolts and nuts				
1373	Rubber insertions for 80 mm dia pipe joints 3 mm thick	each	1	16.00	16.00
9999	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				428.87
	Add Water Charges @ 1%				4.29
	TOTAL				433.16
	Add GST 12% on "X" (multiplying factor 0.1405)				60.86
	Total				494.02 (Y)
	Add CPOH @ 15%				74.10
	Cost of each				568.13
	labour cess @1%				5.68
	Say				573.80
17.43.2.2	Sand cast iron S&S as per IS - 3989.				
	Details of cost for one no.				
	MATERIAL:				
3645	S.C.I. S&S single equal junctions with access door 75x75x75 mm	each	1	390.00	390.00
	including cost of bolts and nuts				

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
1373	Rubber insertions for 80 mm dia pipe joints 3 mm thick	each	1	16.00	16.00
9999	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				428.87
	Add Water Charges @ 1%				4.29
	TOTAL				433.16
	Add GST 12% on "X" (multiplying factor 0.1405)				60.86
	Total				494.02 (Y)
	Add CPOH @ 15%				74.10
	Cost of each				568.13
	labour cess @1%				5.68
	Say				573.80
17.44	Providing and fixing single equal plain junction of required degree.				
17.44.1	100x100x100 mm.				
17.44.1.1	Sand cast iron S&S as per IS - 1729.				
	Details of cost for one no.				
	MATERIAL:				
1628	S.C.I. plain single equal junctions 100x 100x100 mm dia	each	1	405.00	405.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				433.66
	Add Water Charges @ 1%				4.34
	TOTAL				438.00
	Add GST 12% on "X" (multiplying factor 0.1405)				61.54
	Total				499.54 (Y)
	Add CPOH @ 15%				74.93
	Cost of each				574.47
	labour cess @1%				5.74
	Say				580.20
17.44.1.2	Sand cast iron S&S as per IS - 3989.				
	Details of cost for one no.				
	MATERIAL:				
3640	S.C.I. S&S single equal junctions 100x 100x100 mm	each	1	500.00	500.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				528.66
	Add Water Charges @ 1%				5.29
	TOTAL				533.95
	Add GST 12% on "X" (multiplying factor 0.1405)				75.02
	Total				608.97 (Y)
	Add CPOH @ 15%				91.35
	Cost of each				700.31
	labour cess @1%				7.00
	Say				707.30
17.44.1.3	Hubless centrifugally cast (spun) iron epoxy coated inside & outside as per IS:15905				
	Detail of cost for one no.				
	MATERIAL				
7627	Hubless centrifugally cast (spun) iron single equal plain junction as per IS 15905 - 100x100x100 mm dia	each	1	400.00	400.00
9977	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				428.66
	Add 1 % Water charges on "W"				4.29
	TOTAL				432.95
	Add GST on "X" (multiplying factor 0.1405)				60.83
	TOTAL				493.78 (Y)














Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add 15% CPOH on "Y"				74.07
	TOTAL				567.85
	Add Cess @ 1% on "Z"				5.68
	Cost of each				573.50
	Say				573.50
17.44.2	75x75x75 mm.				
17.44.2.1	Sand cast iron S&S as per IS - 1729.				
	Details of cost for one no.				
	MATERIAL:				
1627	S.C.I. plain single equal junctions 75x75 mm dia	each	1	315.00	315.00
9999	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				337.87
	Add Water Charges @ 1%				3.38
	TOTAL				341.25 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				47.95
	Total				389.20 (Y)
	Add CPOH @ 15%				58.38
	Cost of each				447.58
	labour cess @1%				4.48
	Say				452.10
17.44.2.2	Sand cast iron S&S as per IS - 3989.				
	Details of cost for one no.				
	MATERIAL:				
3641	S.C.I. S&S single equal junctions 75x75 mm	each	1	350.00	350.00
9999	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				372.87
	Add Water Charges @ 1%				3.73
	TOTAL				376.60 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				52.91
	Total				429.52 (Y)
	Add CPOH @ 15%				64.43
	Cost of each				493.94
	labour cess @1%				4.94
	Say				498.90
17.44.2.3	Hubless centrifugally cast (spun) iron epoxy coated inside & outside as per IS:15905				
	Detail of cost for one no.				
	MATERIAL				
7628	Hubless centrifugally cast (spun) iron single equal plain junction as per IS 15905 - 75x75x75 mm dia	each	1	215.00	215.00
9977	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				237.87
	Add 1 % Water charges on "W"				2.38
	TOTAL				240.25 (X)
	Add GST on "X" (multiplying factor 0.1405)				33.76
	TOTAL				274.01 (Y)
	Add 15% CPOH on "Y"				41.10
	TOTAL				315.11
	Add Cess @ 1% on "Z"				3.15
	Cost of each				318.30
	Say				318.30
17.45	Providing and fixing double unequal junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete.				
17.45.1	100x100x75x75 mm.				

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
17.45.1.1	Sand cast iron S&S as per IS - 1729.				
	Details of cost for one no.				
	MATERIAL:				
1662	Sand cast iron S&S double unequal junctions: 100x100x75x75 mm dia with access door including cost of bolts and nuts	each	1	725.00	725
1374	Rubber insertions for 100 mm dia pipe joints 3 mm thick	each	1	18	18
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				771.66
	Add Water Charges @ 1%				7.72
	TOTAL				779.38 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				109.50
	Total				888.88 (Y)
	Add CPOH @ 15%				133.33
	Cost of each				1022.21
	labour cess @1%				10.22
	Say				1032.40
17.45.1.2	Sand cast iron S&S as per IS - 3989.				
	Details of cost for one no.				
	MATERIAL:				
3674	S.C.I. S&S double unequal junctions with access door 100x100x75x75 mm including cost of bolts and nuts	each	1	900.00	900.00
1374	Rubber insertions for 100 mm dia pipe joints 3 mm thick	each	1	18	18.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				946.66
	Add Water Charges @ 1%				9.47
	TOTAL				956.13 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				134.34
	Total				1090.47 (Y)
	Add CPOH @ 15%				163.57
	Cost of each				1254.03
	labour cess @1%				12.54
	Say				1266.60
17.46	Providing and fixing double unequal plain junction of required degree.				
17.46.1	100x100x75x75 mm.				
17.46.1.1	Sand cast iron S&S as per IS - 1729.				
	Details of cost for one no.				
	MATERIAL:				
1659	Sand cast iron S&S plain double unequal junctions: 100x100x75x75 mm dia	each	1	625.00	625.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				653.66
	Add Water Charges @ 1%				6.54
	TOTAL				660.20 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				92.76
	Total				752.96 (Y)
	Add CPOH @ 15%				112.94
	Cost of each				865.90
	labour cess @1%				8.66
	Say				874.60
17.46.1.2	Sand cast iron S&S as per IS - 3989.				
	Details of cost for one no.				
	MATERIAL:				










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Code	Description	Unit	Quantity	Rate ₹	Amount ₹
3670	S.C.I. S&S double unequal junctions 100x100x75x75 mm	each	1	800.00	800.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				828.66
	Add Water Charges @ 1%				8.29
	TOTAL				836.95 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				117.59
	Total				954.54 (Y)
	Add CPOH @ 15%				143.18
	Cost of each				1097.72
	labour cess @1%				10.98
	Say				1108.70
17.46.1.3	Hubless centrifugally cast (spun) iron epoxy coated inside & outside as per IS:15905				
	Detail of cost for one no.				
	MATERIAL:				
7629	Hubless centrifugally cast (spun) iron double unequal plain junction as per IS 15905 - 100x100x75x75 mm dia	each	1	400.00	400.00
9977	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				428.66
	Add 1 % Water charges on "W"				4.29
	TOTAL				432.95 (X)
	Add GST on "X" (multiplying factor 0.1405)				60.83
	TOTAL				493.78 (Y)
	Add 15% CPOH on "Y"				74.07
	TOTAL				567.85
	Add Cess @ 1% on "Z"				5.68
	Cost of each				573.50
	Say				573.50
17.47	Providing and fixing single unequal junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete.				
17.47.1	100x100x75 mm.				
17.47.1.1	Sand cast iron S&S as per IS - 1729.				
	Details of cost for one no.				
	MATERIAL:				
1656	Sand cast iron S&S single unequal junctions: 100x100x75 mm dia with access door including cost of bolts and nuts	each	1	575.00	575.00
1374	Rubber insertions for 100 mm dia pipe joints 3 mm thick	each	1	18	18.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				621.66
	Add Water Charges @ 1%				6.22
	TOTAL				627.88 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				88.22
	Total				716.10 (Y)
	Add CPOH @ 15%				107.41
	Cost of each				823.51
	labour cess @1%				8.24
	Say				831.70
17.47.1.2	Sand cast iron S&S as per IS - 3989.				
	Details of cost for one no.				
	MATERIAL:				
3664	S.C.I. S&S single unequal junctions with access door 100x100x75 mm	each	1	650.00	650.00

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	including cost of bolts and nuts				
1374	Rubber insertions for 100 mm dia pipe joints 3 mm thick	each	1	18	18.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				696.66
	Add Water Charges @ 1%				6.97
	TOTAL				703.63 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				98.86
	Total				802.49 (Y)
	Add CPOH @ 15%				120.37
	Cost of each				922.86
	labour cess @1%				9.23
	Say				932.10
17.48	Providing and fixing single unequal plain junction of required degree.				
17.48.1	100x100x75 mm.				
17.48.1.1	Sand cast iron S&S as per IS - 1729.				
	Details of cost for one no.				
	MATERIAL:				
1653	Sand cast iron S&S plain single unequal junctions: 100x100x75 mm dia	each	1	525.00	525.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				553.66
	Add Water Charges @ 1%				5.54
	TOTAL				559.20 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				78.57
	Total				637.77 (Y)
	Add CPOH @ 15%				95.66
	Cost of each				733.43
	labour cess @1%				7.33
	Say				740.80
17.48.1.2	Sand cast iron S&S as per IS - 3989.				
	Details of cost for one no.				
	MATERIAL:				
3660	S.C.I. S&S single unequal junctions 100x 100x75 mm	each	1	600.00	600.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				628.66
	Add Water Charges @ 1%				6.29
	TOTAL				634.95 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				89.21
	Total				724.16 (Y)
	Add CPOH @ 15%				108.62
	Cost of each				832.78
	labour cess @1%				8.33
	Say				841.10
17.48.1.3	Hubless centrifugally cast (spun) iron epoxy coated inside & outside as per IS:15905				
	Detail of cost for one no.				
	MATERIAL				
7630	Hubless centrifugally cast (spun) iron single unequal plain junction as per IS 15905 - 100x100x75 mm dia	each	1	375.00	375.00
9977	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				403.66
	Add 1 % Water charges on "W"				4.04
	TOTAL				407.70 (X)
	Add GST on "X" (multiplying factor 0.1405)				57.28









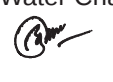





Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	TOTAL				464.98 (Y)
	Add 15% CPOH on "Y"				69.75
	TOTAL				534.73
	Add Cess @ 1% on "Z"				5.35
	Cost of each				540.10
	Say				540.10
17.49	Providing and fixing double equal plain invert branch of required degree.				
17.49.1	100x100x100x100 mm.				
17.49.1.1	Sand cast iron S&S as per IS - 1729.				
	Details of cost for one no.				
	MATERIAL:				
1673	S.C.I. double equal invert branch of required degree 100x100x100x100 mm dia	each	1	550.00	550.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				578.66
	Add Water Charges @ 1%				5.79
	TOTAL				584.45 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				82.12
	Total				666.56 (Y)
	Add CPOH @ 15%				99.98
	Cost of each				766.55
	labour cess @1%				7.67
	Say				774.20
17.49.1.2	Sand cast iron S&S as per IS 3989.				
	Details of cost for one no.				
	MATERIAL:				
3685	S.C.I. S&S double equal invert branch of required degree 100x100x100x100 mm dia	each	1	540.00	540.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				568.66
	Add Water Charges @ 1%				5.69
	TOTAL				574.35 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				80.70
	Total				655.05 (Y)
	Add CPOH @ 15%				98.26
	Cost of each				753.30
	labour cess @1%				7.53
	Say				760.80
17.49.1.3	Hubless centrifugally cast (spun) iron epoxy coated inside & outside as per IS:15905				
	Detail of cost for one no.				
	MATERIAL				
7631	Hubless centrifugally cast (spun) iron double equal plain invert branch as per IS 15905 - 100x100x100x100 mm dia	each	1	625.00	625.00
9977	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				653.66
	Add 1 % Water charges on "W"				6.54
	TOTAL				660.20 (X)
	Add GST on "X" (multiplying factor 0.1405)				92.76
	TOTAL				752.96 (Y)
	Add 15% CPOH on "Y"				112.94
	TOTAL				865.90
	Add Cess @ 1% on "Z"				8.66
	Cost of each				874.60
	SAY				874.60

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
17.49.2	75x75x75x75 mm				
17.49.2.1	Sand cast iron S&S as per IS - 1729.				
	Details of cost for one no.				
	MATERIAL:				
1672	S.C.I. double equal invert branch of required degree 75x75x75x75 mm dia	each	1	425.00	425.00
9999	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				447.87
	Add Water Charges @ 1%				4.48
	TOTAL				452.35 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				63.56
	Total				515.91 (Y)
	Add CPOH @ 15%				77.39
	Cost of each				593.30
	labour cess @1%				5.93
	Say				599.20
17.49.2.2	Sand cast iron S&S as per IS - 3989.				
	Details of cost for one no.				
	MATERIAL:				
3686	S.C.I. S&S double equal invert branch of required degree 75x75x75x75 mm dia	each	1	450.00	450.00
9999	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				472.87
	Add Water Charges @ 1%				4.73
	TOTAL				477.60 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				67.10
	Total				544.71 (Y)
	Add CPOH @ 15%				81.71
	Cost of each				626.41
	labour cess @1%				6.26
	Say				632.70
17.50	Providing and fixing single equal plain invert branch of required degree.				
17.50.1	100x100x100 mm.				
17.50.1.1	Sand cast iron S&S as per IS - 1729.				
	Details of cost for one no.				
	MATERIAL:				
1670	S.C.I. single equal invert branch of required degree 100x100x100 mm dia	each	1	435.00	435.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				463.66
	Add Water Charges @ 1%				4.64
	TOTAL				468.30 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				65.80
	Total				534.10 (Y)
	Add CPOH @ 15%				80.11
	Cost of each				614.21
	labour cess @1%				6.14
	Say				620.40
17.50.1.2	Sand cast iron S&S as per IS - 3989.				
	Details of cost for one no.				
	MATERIAL:				
3681	S.C.I. S&S single equal invert branch of required degree 100x100x100 mm dia	each	1	430.00	430.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				458.66
	Add Water Charges @ 1%				4.59







Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	TOTAL				463.25 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				65.09
	Total				528.34 (Y)
	Add CPOH @ 15%				79.25
	Cost of each				607.59
	labour cess @1%				6.08
	Say				613.70
17.50.1.3	Hubless centrifugally cast (spun) iron epoxy coated inside & outside as per IS:15905				
	Detail of cost for one no.				
	MATERIAL				
7632	Hubless centrifugally cast (spun) iron single equal plain invert branch as per IS 15905 - 100x100x100 mm dia	each	1	390.00	390.00
9977	Carriage of materials and fixing charges	L.S	13.52	2.12	28.66
	TOTAL				418.66
	Add 1 % Water charges on "W"				4.19
	TOTAL				422.85 (X)
	Add GST on "X" (multiplying factor 0.1405)				59.41
	TOTAL				482.26 (Y)
	Add 15% CPOH on "Y"				72.34
	TOTAL				554.60
	Add Cess @ 1% on "Z"				5.55
	Cost of each				560.10
	Say				560.10
17.50.2	75x75x75 mm.				
17.50.2.1	Sand cast iron S&S as per IS - 1729.				
	Details of cost for one no.				
	MATERIAL:				
1669	S.C.I. single equal invert branch of required degree 75x75x75 mm dia	each	1	350.00	350.00
9999	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				372.87
	Add Water Charges @ 1%				3.73
	TOTAL				376.60 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				52.91
	Total				429.52 (Y)
	Add CPOH @ 15%				64.43
	Cost of each				493.94
	labour cess @1%				4.94
	Say				498.90
17.50.2.2	Sand cast iron S&S as per IS - 3989.				
	Details of cost for one no.				
	MATERIAL:				
3682	S.C.I. S&S single equal invert branch of required degree 75x75x75 mm dia	each	1	330.00	330.00
9999	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				352.87
	Add Water Charges @ 1%				3.53
	TOTAL				356.40 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				50.07
	Total				406.48 (Y)
	Add CPOH @ 15%				60.97
	Cost of each				467.45
	labour cess @1%				4.67
	Say				472.10

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
17.50.2.3	Hubless centrifugally cast (spun) iron epoxy coated inside & outside as per IS:15905 Detail of cost for one no. MATERIAL				
7633	Hubless centrifugally cast (spun) iron single equal plain invert branch as per IS 15905 - 75x75x75 mm dia	each	1	260.00	260.00
9977	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				282.87
	Add 1 % Water charges on "W"				2.83
	TOTAL				285.70 (X)
	Add GST on "X" (multiplying factor 0.1405)				40.14
	TOTAL				325.84 (Y)
	Add 15% CPOH on "Y"				48.88
	TOTAL				374.72
	Add Cess @ 1% on "Z"				3.75
	Cost of each				378.50
	Say				
17.51	Providing and fixing double unequal invert branch of required degree.				
17.51.1	100x100x75x75 mm.				
17.51.1.1	Sand cast iron S&S as per IS - 1729. Details of cost for one no. MATERIAL:				
1677	S.C.I. double unequal invert branch of required degree 100x100x75x75 mm dia	each	1	600.00	600.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				628.66
	Add Water Charges @ 1%				6.29
	TOTAL				634.95 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				89.21
	Total				724.16 (Y)
	Add CPOH @ 15%				108.62
	Cost of each				832.78
	labour cess @1%				8.33
	Say				841.10
17.51.1.2	Sand cast iron S&S as per IS - 3989. Details of cost for one no. MATERIAL:				
3695	S.C.I. S&S double unequal invert branch of required degree 100x100x75x75 mm dia	each	1	730.00	730.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				758.66
	Add Water Charges @ 1%				7.59
	TOTAL				766.25 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				107.66
	Total				873.91 (Y)
	Add CPOH @ 15%				131.09
	Cost of each				1004.99
	labour cess @1%				10.05
	Say				1015.00
17.52	Providing and fixing single unequal plain invert branch of required degree.				
17.52.1	100x100x75 mm.				
17.52.1.1	Sand cast iron S&S as per IS - 1729. Details of cost for one no.				







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Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	MATERIAL:				
1674	S.C.I. single unequal invert branch of required degree 100x100x75 mm dia	each	1	500.00	500.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				528.66
	Add Water Charges @ 1%				5.29
	TOTAL				533.95 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				75.02
	Total				608.97 (Y)
	Add CPOH @ 15%				91.35
	Cost of each				700.31
	labour cess @1%				7.00
	Say				707.30
17.52.1.2	Sand cast iron S&S as per IS - 3989.				
	Details of cost for one no.				
	MATERIAL:				
3690	S.C.I. S&S single unequal invert branch of required degree 100x100x75 mm dia	each	1	550.00	550.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				578.66
	Add Water Charges @ 1%				5.79
	TOTAL				584.45 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				82.12
	Total				666.56 (Y)
	Add CPOH @ 15%				99.98
	Cost of each				766.55
	labour cess @1%				7.67
	Say				774.20
17.52.1.3	Hubless centrifugally cast (spun) iron epoxy coated inside & outside as per IS:15905				
	Detail of cost for one no.				
	MATERIAL				
7634	Hubless centrifugally cast (spun) iron single unequal plain invert branch 45 degree as per IS 15905 - 100x100x 75 mm dia	each	1	430.00	430.00
9977	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				458.66
	Add 1 % Water charges on "W"				4.59
	TOTAL				463.25 (X)
	Add GST on "X" (multiplying factor 0.1405)				65.09
	TOTAL				528.34 (Y)
	Add 15% CPOH on "Y"				79.25
	TOTAL				607.59
	Add Cess @ 1% on "Z"				6.08
	Cost of each				613.70
	Say				
17.53	Providing and fixing sand cast iron S&S off sets as per IS: 1729.				
17.53.1	76 mm off sets.				
17.53.1.1	With 75 mm dia pipe.				
	Details of cost for one no.				
	MATERIAL:				
3746	S.C.I. S&S, 75 mm offset for 75 mm dia pipe	each	1	220.00	220.00
9999	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				242.87
	Add Water Charges @ 1%				2.43

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	TOTAL				245.30 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				34.47
	Total				279.77 (Y)
	Add CPOH @ 15%				41.97
	Cost of each				321.73
	labour cess @1%				3.22
	Say				325.00
17.53.1.2	With 100 mm dia pipe.				
	Details of cost for one no.				
	MATERIAL:				
3747	S.C.I. S&S, 75 mm offset for 100 mm dia pipe	each	1.00	360.00	360.00
9999	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				382.87 (X)
	Add Water Charges @ 1%				3.83
	TOTAL				386.70 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				54.33
	Total				441.04 (Y)
	Add CPOH @ 15%				66.16
	Cost of each				507.19
	labour cess @1%				5.07
	Say				512.30
17.53.2	114 mm off sets.				
17.53.2.1	With 75 mm dia pipe.				
	Details of cost for one no.				
	MATERIAL:				
3712	S.C.I. S&S, 114 mm offset for 75 mm dia pipe	each	1	310.00	310.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				338.66
	Add Water Charges @ 1%				3.39
	TOTAL				342.05 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				48.06
	Total				390.11 (Y)
	Add CPOH @ 15%				58.52
	Cost of each				448.62
	labour cess @1%				4.49
	Say				453.10
17.53.2.2	With 100 mm dia pipe.				
	Details of cost for one no.				
	MATERIAL:				
3713	S.C.I. S&S, 114 mm offset for 100 mm dia pipe	each	1	390.00	390.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				418.66
	Add Water Charges @ 1%				4.19
	TOTAL				422.85 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				59.41
	Total				482.26 (Y)
	Add CPOH @ 15%				72.34
	Cost of each				554.60
	labour cess @1%				5.55
	Say				560.10
17.53.3	152 mm off sets.				
17.53.3.1	With 75 mm dia pipe.				
	Details of cost for one no.				
	MATERIAL:				
3716	S.C.I. S&S, 152 mm offset for 75 mm dia pipe	each	1	360.00	360.00
9999	Carriage of materials and fixing charges	L.S.	17.94	2.12	38.03








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Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	TOTAL				398.03
	Add Water Charges @ 1%				3.98
	TOTAL				402.01 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				56.48
	Total				458.50 (Y)
	Add CPOH @ 15%				68.77
	Cost of each				527.27
	labour cess @1%				5.27
	Say				532.50
17.53.3.2	wifh 100 mm dia pipe.				
	Details of cost for one no.				
	MATERIAL:				
3717	S.C.I. S&S, 152 mm offset for 100 mm dia pipe	each	1	460.00	460.00
9999	Carriage of materials and fixing charges	L.S.	17.94	2.12	38.03
	TOTAL				498.03
	Add Water Charges @ 1%				4.98
	TOTAL				503.01 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				70.67
	Total				573.69 (Y)
	Add CPOH @ 15%				86.05
	Cost of each				659.74
	labour cess @1%				6.60
	Say				666.30
17.53A	Providing and fixing Hubless centrifugally cast iron offsets epoxy coated inside & outside as per IS:15905				
17.53A.1	65 mm offsets				
17.53A.1.1	With 100 mm dia pipe				
	Detail of cost for one no.				
	MATERIAL				
7635	Hubless centrifugally cast (spun) iron 65 mm offset with 100 mm dia pipe as per IS 15905	each	1	360.00	360.00
9977	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				382.87
	Add 1 % Water charges on "W"				3.83
	TOTAL				386.70 (X)
	Add GST on "X" (multiplying factor 0.1405)				54.33
	TOTAL				441.04 (Y)
	Add 15% CPOH on "Y"				66.16
	TOTAL				507.19
	Add Cess @ 1% on "Z"				5.07
	Cost of each				512.30
	Say				512.30
17.53A.1.2	With 75 mm dia pipe				
	Detail of cost for one no.				
	MATERIAL				
7636	Hubless centrifugally cast (spun) iron 65 mm offset with 75 mm dia pipe as per IS 15905	each	1	295.00	295.00
9977	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				317.87
	Add 1 % Water charges on "W"				3.18
	TOTAL				321.05 (X)
	Add GST on "X" (multiplying factor 0.1405)				45.11
	TOTAL				366.16 (Y)

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add 15% CPOH on "Y"				54.92
	TOTAL				421.09
	Add Cess @ 1% on "Z"				4.21
	Cost of each				425.30
	Say				425.30
17.54	Providing and fixing sand cast iron S&S off sets as per IS: 3989.				
17.54.1	75 mm off sets.				
17.54.1.1	With 75 mm dia pipe.				
	Details of cost for one no.				
	MATERIAL:				
3699	S.C.I. S&S, 75 mm offset for 75 mm dia pipe	each	1	230.00	230.00
9999	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				252.87
	Add Water Charges @ 1%				2.53
	TOTAL				255.40 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				35.88
	Total				291.29 (Y)
	Add CPOH @ 15%				43.69
	Cost of each				334.98
	labour cess @1%				3.35
	Say				338.30
17.54.2	150 mm off sets.				
17.54.2.1	With 75 mm dia pipe.				
	Details of cost for one no.				
	MATERIAL:				
3707	S.C.I. S&S, 150 mm offset for 75 mm dia pipe	each	1	300.00	300.00
9999	Carriage of materials and fixing charges	L.S.	16.12	2.12	34.17
	TOTAL				334.17
	Add Water Charges @ 1%				3.34
	TOTAL				337.52 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				47.42
	Total				384.94 (Y)
	Add CPOH @ 15%				57.74
	Cost of each				442.68
	labour cess @1%				4.43
	Say				447.10
17.54.2.2	With 100 mm dia pipe.				
	Details of cost for one no.				
	MATERIAL:				
3708	S.C.I. S&S, 150 mm offset for 100 mm dia pipe	each	1	400.00	400.0
9999	Carriage of materials and fixing charges	L.S.	16.12	2.12	34.2
	TOTAL				434.2
	Add Water Charges @ 1%				4.3
	TOTAL				438.5 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				61.61
	Total				500.13 (Y)
	Add CPOH @ 15%				75.0
	Cost of each				575.1
	labour cess @1%				5.8
	Say				580.90
17.54A	Providing and fixing Hubless centrifugally cast iron offsets epoxy coated inside & outside as per IS:15905				
17.54A.1	130 mm offsets				
17.54A.1.1	With 100 mm dia				
	Detail of cost for one no.				
	MATERIAL:				














Code	Description	Unit	Quantity	Rate ₹	Amount ₹
7637	Hubless centrifugally cast (spun) iron 130 mm offset with 100 mm dia pipe as per IS 15905	each	1	440.00	440.00
9977	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				468.66
	Add 1 % Water charges on "W"				4.69
	TOTAL				473.35 (X)
	Add GST on "X" (multiplying factor 0.1405)				66.51
	TOTAL				539.85 (Y)
	Add 15% CPOH on "Y"				80.98
	TOTAL				620.83
	Add Cess @ 1% on "Z"				6.21
	Cost of each				627.00
	Say				627.00
17.54A.1.2	With 75 mm dia				
	Detail of cost for one no.				
	MATERIAL				
7638	Hubless centrifugally cast (spun) iron 130mm offset with 75 mm dia pipe as per IS 15905	each	1	310.00	310.00
9977	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				332.87
	Add 1 % Water charges on "W"				3.33
	TOTAL				336.20 (X)
	Add GST on "X" (multiplying factor 0.1405)				47.24
	TOTAL				383.44 (Y)
	Add 15% CPOH on "Y"				57.52
	TOTAL				440.96
	Add Cess @ 1% on "Z"				4.41
	Cost of each				445.40
	Say				445.40
17.55	Providing and fixing door piece, insertion rubber washer 3 mm thick, bolts & nuts complete.				
17.55.1	100 mm.				
17.55.1.1	Sand cast iron S&S as per IS - 1729.				
	Details of cost for one no.				
	MATERIAL:				
1683	S.C.I. door pieces 100 mm dia including cost of bolts and nuts	each	1	485.00	485.00
1374	Rubber insertions for 100 mm dia pipe joints	each	1	18.00	18.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				531.66
	Add Water Charges @ 1%				5.32
	TOTAL				536.98 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				75.45
	Total				612.42 (Y)
	Add CPOH @ 15%				91.86
	Cost of each				704.29
	labour cess @1%				7.04
	Say				711.30
17.55.1.2	Sand cast iron S&S as per IS - 3989.				
	Details of cost for one no.				
	MATERIAL:				
3728	S.C.I. S&S door pieces 100 mm dia including cost of bolts and nuts	each	1	410.00	410.00
1374	Rubber insertions for 100 mm dia pipe joints	each	1	18	18.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				456.66
	Add Water Charges @ 1%				4.57

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	TOTAL				461.23 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				64.80
	Total				526.03 (Y)
	Add CPOH @ 15%				78.90
	Cost of each				604.94
	labour cess @1%				6.05
	Say				611.00
17.55.2	75 mm.				
17.55.2.1	Sand cast iron S&S as per IS - 1729.				
	Details of cost for one no.				
	MATERIAL:				
1682	S.C.I. door pieces 75 mm dia	each	1	285.00	285.00
	including cost of bolts and nuts				
1373	Rubber insertions for 80 mm dia pipe joints	each	1	16.00	16.00
9999	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				323.87
	Add Water Charges @ 1%				3.24
	TOTAL				327.11 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				45.96
	Total				373.07 (Y)
	Add CPOH @ 15%				55.96
	Cost of each				429.03
	labour cess @1%				4.29
	Say				433.30
17.55.2.2	Sand cast iron S&S as per IS - 3989.				
	Details of cost for one no.				
	MATERIAL:				
3729	S.C.I. door pieces 75 mm dia	each	1	300.00	300.00
	including cost of bolts and nuts				
1373	Rubber insertions for 80 mm dia pipe joints	each	1	16	16.00
9999	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				338.87
	Add Water Charges @ 1%				3.39
	TOTAL				342.26 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				48.09
	Total				390.35 (Y)
	Add CPOH @ 15%				58.55
	Cost of each				448.90
	labour cess @1%				4.49
	Say				453.40
17.56	Providing and fixing terminal guard.				
17.56.1	100 mm.				
17.56.1.1	Sand cast iron S&S as per IS - 1729.				
	Details of cost for one no.				
	MATERIAL:				
1640	Slotted cowl (terminal guard) 100 mm dia	each	1	265.00	265.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				293.66
	Add Water Charges @ 1%				2.94
	TOTAL				296.60 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				41.67
	Total				338.27 (Y)
	Add CPOH @ 15%				50.74
	Cost of each				389.01
	labour cess @1%				3.89
	Say				392.90




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Code	Description	Unit	Quantity	Rate ₹	Amount ₹
17.56.1.2	Sand cast iron S&S as per IS - 3989.				
	Details of cost for one no.				
	MATERIAL:				
3733	S.C.I. S&S, Slotted Cowl (Terminal Guard) 100 mm	each	1	300.00	300.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				328.66
	Add Water Charges @ 1%				3.29
	TOTAL				331.95 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				46.64
	Total				378.59 (Y)
	Add CPOH @ 15%				56.79
	Cost of each				435.38
	labour cess @1%				4.35
	Say				439.70
17.56.1.3	Hubless centrifugally cast (spun) iron epoxy coated inside & outside as per IS:15905				
	Details of cost for one no.				
	MATERIAL:				
7641	Hubless centrifugally cast (spun) iron terminal guard (slotted cowl) - 100 mm dia as per IS 15905	each	1	270.00	270.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				298.66
	Add Water Charges @ 1%				2.99
	TOTAL				301.65 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				42.38
	Total				344.03 (Y)
	Add CPOH @ 15%				51.60
	Cost of each				395.64
	labour cess @1%				3.96
	Say				399.60
17.56.2	75 mm.				
17.56.2.1	Sand cast iron S&S as per IS - 1729.				
	Details of cost for one no.				
	MATERIAL:				
1639	Slotted cowl (terminal guard) 75 mm dia	each	1	215.00	215.00
9999	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				237.87
	Add Water Charges @ 1%				2.38
	TOTAL				240.25 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				33.76
	Total				274.01 (Y)
	Add CPOH @ 15%				41.10
	Cost of each				315.11
	labour cess @1%				3.15
	Say				318.30
17.56.2.2	Sand cast iron S&S as per IS - 3989.				
	Details of cost for one no.				
	MATERIAL:				
3734	S.C.I. S&S, Slotted Cowl (Terminal Guard) 75 mm	each	1.00	210.00	210.00
9999	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				232.87
	Add Water Charges @ 1%				2.33
	TOTAL				235.20 (X)

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add GST 12% on "X" (multiplying factor 0.1405)				33.05
	Total				268.25 (Y)
	Add CPOH @ 15%				40.24
	Cost of each				308.49
	labour cess @1%				3.08
	Say				311.60
17.57	Providing and fixing collar.				
17.57.1	100 mm.				
17.57.1.1	Sand cast iron S&S as per IS - 1729.				
	Details of cost for one no.				
	MATERIAL:				
1686	S.C.I. collar 100 mm dia	each	1	270.00	270.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				298.66
	Add Water Charges @ 1%				2.99
	TOTAL				301.65 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				42.38
	Total				344.03 (Y)
	Add CPOH @ 15%				51.60
	Cost of each				395.64
	labour cess @1%				3.96
	Say				399.60
17.57.1.2	Sand cast iron S&S as per IS - 3989.				
	Details of cost for one no.				
	MATERIAL:				
3738	S.C.I. S&S, collars 100 mm	each	1	300.00	300.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				328.66
	Add Water Charges @ 1%				3.29
	TOTAL				331.95 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				46.64
	Total				378.59 (Y)
	Add CPOH @ 15%				56.79
	Cost of each				435.38
	labour cess @1%				4.35
	Say				439.70
17.57.2	75 mm.				
17.57.2.1	Sand cast iron S&S as per IS - 1729.				
	Details of cost for one no.				
	MATERIAL:				
1685	S.C.I. collar 75 mm dia	each	1	180.00	180.00
9999	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				202.87
	Add Water Charges @ 1%				2.03
	TOTAL				204.90 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				28.79
	Total				233.69 (Y)
	Add CPOH @ 15%				35.05
	Cost of each				268.75
	labour cess @1%				2.69
	Say				271.40
17.57.2.2	Sand cast iron S&S as per IS- 3989.				
	Details of cost for one no.				
	MATERIAL:				
3739	S.C.I. S&S, collars 75 mm	each	1	180.00	180.00
9999	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87








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Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	TOTAL				202.87
	Add Water Charges @ 1%				2.03
	TOTAL				204.90 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				28.79
	Total				233.69 (Y)
	Add CPOH @ 15%				35.05
	Cost of each				268.75
	labour cess @1%				2.69
	Say				271.40
17.57A	Providing and fixing shielded coupling for Hubless centrifugally cast iron pipe				
17.57A.1	100MM DIA				
17.57A.1.1	SS 304 grade coupling with EPDM rubber gasket				
	Detail of cost for one no.				
	MATERIAL				
7644	SS 304 grade shielded coupling with EPDM rubber gasket for 100 mm dia				
	Hubless centrifugally cast (spun) iron	each	1	275.00	275.00
9977	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				303.66
	Add 1 % Water charges on "W"				3.04
	TOTAL				306.70 (X)
	Add GST on "X" (multiplying factor 0.1405)				43.09
	TOTAL				349.79 (Y)
	Add 15% CPOH on "Y"				52.47
	TOTAL				402.26
	Add Cess @ 1% on "Z"				4.02
	Cost of each				406.30
	Say				406.30
17.57A.2	75MM DIA				
17.57A.2.1	SS 304 grade coupling with EPDM rubber gasket				
	Detail of cost for one no.				
	MATERIAL				
7645	SS 304 grade shielded coupling with EPDM rubber gasket for 100 mm dia				
	Hubless centrifugally cast (spun) iron	each	1	250.00	250.00
9977	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				272.87
	Add 1 % Water charges on "W"				2.73
	TOTAL				275.60 (X)
	Add GST on "X" (multiplying factor 0.1405)				38.72
	TOTAL				314.33 (Y)
	Add 15% CPOH on "Y"				47.15
	TOTAL				361.47
	Add Cess @ 1% on "Z"				3.61
	Cost of each				365.10
	Say				365.10
17.58	Providing lead caulked joints to sand cast iron/centrifugally cast (spun) iron pipes and fittings of diameter.				
17.58.1	100 mm.				
	Details of cost for 1 joint				
	MATERIAL:				
1397	Pig lead	kilogram	0.98	210.00	205.80
1881	Spun yarn	kilogram	0.11	55.00	6.05
9999	Kerosene oil, fuel and other sundries	L.S.	13.52	2.12	28.66

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
9999	Carriage of materials	L.S.	1.43	2.12	3.03
	LABOUR:				
0116	Fitter (grade 1)	day	0.06	420.00	25.20
0117	Assistant Fitter or 2nd class Fitter	day	0.06	223.00	13.38
0114	Beldar	day	0.12	306.00	36.72
	TOTAL				318.84
	Add Water Charges @ 1%				3.19
	TOTAL				322.03 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				45.25
	Total				367.28 (Y)
	Add CPOH @ 15%				55.09
	Cost of each				422.37
	labour cess @1%				4.22
	Say				426.60
17.58.2	75 mm.				
	Details of cost for 1 joint.				
	MATERIAL:				
1397	Pig lead	kilogram	0.88	210	184.80
1881	Spun yarn	kilogram	0.09	55	4.95
9999	Kerosene oil, fuel and other sundries	L.S.	10.79	2.12	22.87
9999	Carriage of materials	L.S.	1.43	2.12	3.03
	LABOUR:				
0116	Fitter (grade 1)	day	0.05	420.00	21.00
0117	Assistant Fitter or 2nd class Fitter	day	0.05	223.00	11.15
0114	Beldar	day	0.09	306.00	27.54
	TOTAL				275.35
	Add Water Charges @ 1%				2.75
	TOTAL				278.10 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				39.07
	Total				317.17 (Y)
	Add CPOH @ 15%				47.58
	Cost of each				364.75
	labour cess @1%				3.65
	Say				368.40
17.58.3	50 mm.				
	Details of cost for 1 joint.				
	MATERIAL:				
1397	Pig lead	kilogram	0.77	210	161.70
1881	Spun yarn	kilogram	0.06	55	3.30
9999	Kerosene oil, fuel and other sundries	L.S.	6.76	2.12	14.33
9999	Carriage of materials	L.S.	1.43	2.12	3.03
	LABOUR:				
0116	Fitter (grade 1)	day	0.04	420.00	16.80
0117	Assistant Fitter or 2nd class Fitter	day	0.05	223.00	11.15
0114	Beldar	day	0.05	306.00	15.30
	TOTAL				225.61
	Add Water Charges @ 1%				2.26
	TOTAL				227.87 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				32.02
	Total				259.88 (Y)
	Add CPOH @ 15%				38.98
	Cost of each				298.87
	labour cess @1%				2.99
	Say				301.90
17.59	Providing and fixing M.S. stays and clamps for sand cast iron/centrifugally cast (spun) iron pipes of diameter.				














Code	Description	Unit	Quantity	Rate ₹	Amount ₹
17.59.1	100 mm. Details of cost for one no. MATERIAL:				
1330	Clamps and M.S. stays including bolts and nuts for 100 mm pipe	each	1	67.50	67.50
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				96.16
	Add Water Charges @ 1%				0.96
	TOTAL				97.12 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				13.65
	Total				110.77 (Y)
	Add CPOH @ 15%				16.62
	Cost of each				127.39
	labour cess @1%				1.27
	Say				128.70
17.59.2	75 mm. Details of cost for one no. MATERIAL:				
1335	Clamps and M.S. stays including bolts and nuts for 75 mm pipe	each	1	37.00	37.00
9999	Carriage of materials and fixing charges	L.S.	10.79	2.12	22.87
	TOTAL				59.87
	Add Water Charges @ 1%				0.60
	TOTAL				60.47 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				8.50
	Total				68.97 (Y)
	Add CPOH @ 15%				10.35
	Cost of each				79.32
	labour cess @1%				0.79
	Say				80.10
17.59.3	50 mm. Details of cost for one no. MATERIAL:				
1334	Clamps and M.S. stays including bolts and nuts for 50 mm pipe	each	1	35.00	35.00
9999	Carriage of materials and fixing charges	L.S.	9.49	2.12	20.12
	TOTAL				55.12
	Add Water Charges @ 1%				0.55
	TOTAL				55.67 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				7.82
	Total				63.49 (Y)
	Add CPOH @ 15%				9.52
	Cost of each				73.02
	labour cess @1%				0.73
	Say				73.70
17.60	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm good the walls and floors.complete, including cost of cutting and making				
17.60.1	100 mm inlet and 100 mm outlet.				
17.60.1.1	Sand cast iron S&S as per IS: 3989. Details of cost for one no. MATERIAL:				
7808	Centrifugally cast (spun) iron S&S 100 mm inlet and 100 mm outlet	each	1	450.00	450.00
9999	Cement, sand and grit etc.	L.S.	13.52	2.12	28.66
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
0123	Mason (brick layer) 1st class	day	0.5	413.00	206.50
0114	Beldar	day	0.5	306.00	153.00
	TOTAL				843.95
	Add Water Charges @ 1%				8.44
	TOTAL				852.39 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				119.76
	Total				972.15 (Y)
	Add CPOH @ 15%				145.82
	Cost of each				1117.97
	labour cess @1%				11.18
	Say				1129.20

17.60.1.2 Sand Cast Iron S&S as per IS: 1729.

Details of cost for one no.

MATERIAL:

1897	100 mm S.C.I. trap with 100 mm inlet and 100 mm outlet	each	1	300.00	300.00
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9999	Cement, sand and grit etc.	L.S.	13.52	2.12	28.66
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9999	Carriage of materials	L.S.	2.73	2.12	5.79
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LABOUR:

0123	Mason (brick layer) 1st class	day	0.5	413.00	206.50
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0114	Beldar	day	0.5	306.00	153.00
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TOTAL

693.95

Add Water Charges @ 1%

6.94

TOTAL

700.89 (X)

Add GST 12% on "X" (multiplying factor 0.1405)

98.47

Total

799.36 (Y)

Add CPOH @ 15%

119.90

Cost of each

919.27

labour cess @1%

9.19

Say

928.50**17.60.1.3 Hubless centrifugally cast (spun) iron epoxy coated inside & outside as per IS:15905**

MATERIAL:

7642	Hubless centrifugally cast (spun) iron trap with 100 mm inlet and 100 mm outlet as per IS 15905	each	1	540.00	540.00
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9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
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TOTAL

568.66

Add Water Charges @ 1%

5.69

TOTAL

574.35 (X)

Add GST 12% on "X" (multiplying factor 0.1405)

80.70

Total

655.05 (Y)

Add CPOH @ 15%

98.26

Cost of each

753.30

labour cess @1%

7.53

Say

760.80**17.60.2 100 mm inlet and 75 mm outlet.****17.60.2.1 Sand cast iron S&S as per IS - 3989.**

Details of cost for one no.

MATERIAL:

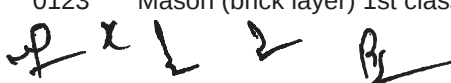
7809	Centrifugally cast (spun) iron S&S 100 mm inlet and 75 mm outlet	each	1	500.00	500.00
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9999	Cement, sand and grit etc.	L.S.	13.52	2.12	28.66
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9999	Carriage of materials	L.S.	2.73	2.12	5.79
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LABOUR:

0123	Mason (brick layer) 1st class	day	0.5	413.00	206.50
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Code	Description	Unit	Quantity	Rate ₹	Amount ₹
0114	Beldar	day	0.5	306.00	153.00
	TOTAL				893.95
	Add Water Charges @ 1%				8.94
	TOTAL				902.89 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				126.86
	Total				1029.75 (Y)
	Add CPOH @ 15%				154.46
	Cost of each				1184.21
	labour cess @1%				11.84
	Say				1196.00
17.60.2.2	Sand Cast Iron S&S as per IS- 1729.				
	Details of cost for one no.				
	MATERIAL:				
1898	100 mm S.C.I. trap with 100 mm inlet and 75 mm outlet	each	1	220.00	220.00
9999	Cement, sand and grit etc.	L.S.	13.52	2.12	28.66
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0123	Mason (brick layer) 1st class	day	0.5	413.00	206.50
0114	Beldar	day	0.5	306.00	153.00
	TOTAL				613.95
	Add Water Charges @ 1%				6.14
	TOTAL				620.09 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				87.12
	Total				707.21 (Y)
	Add CPOH @ 15%				106.08
	Cost of each				813.29
	labour cess @1%				8.13
	Say				821.40
17.60.2.3	Hubless centrifugally cast (spun) iron epoxy coated inside & outside as per IS:15905				
	MATERIAL:				
7643	Hubless centrifugally cast (spun) iron trap with 100 mm inlet and 75 mm outlet as per IS 15905	each	1	385.00	385.00
9999	Carriage of materials and fixing charges	L.S.	13.52	2.12	28.66
	TOTAL				413.66
	Add Water Charges @ 1%				4.14
	TOTAL				417.80 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				58.70
	Total				476.50 (Y)
	Add CPOH @ 15%				71.47
	Cost of each				547.97
	labour cess @1%				5.48
	Say				553.50
17.61	Cutting chases in brick masonry walls for following diameter sand cast iron / centrifugally cast (spun) iron pipes and making good the same with cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 12.5 mm nominal size) including necessary plaster and pointing in cement mortar 1:4 stone aggregate 12.5 mm nominal size) including necessary plaster and pointing in cement mortar 1:4 (1 cement : 4 coarse sand).				
17.61.1	100 mm dia.				
	Details of cost for one metre.				
	MATERIAL:				
	Cement concrete 1:3:6 (1 cement :3 coarse sand :6 graded stone aggregate)				
4.2.5	Rate as per Item Number 4.2.5 of SH:	cum	0.022	4519.03	99.42 (A)

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	Concrete work				
9999	Plastering in cement mortar 1:4	L.S.	10.4	2.12	22.05
9999	Carriage of materials	L.S.	4.16	2.12	8.82
	LABOUR:				0.00
0123	Mason (brick layer) 1st class	day	0.14	413.00	57.82
0114	Beldar	day	0.27	306.00	82.62
	TOTAL				270.73
	Add Water Charges @ 1% except on A i.e on				1.71
	TOTAL				272.44 (X)
	Add GST 12% on "X" except A(multiplying factor 0.1405)				24.31
	Total				296.75 (Y)
	Add CPOH @ 15% except on A i.e on				29.60
	Cost of 1 metre				326.35
	labour cess @1%				3.26
	Say				329.60
17.61.2	75 mm dia.				
	Details of cost for one metre.				
	MATERIAL:				
	Cement concrete 1:3:6 (1 cement :3 coarse sand :6 graded stone aggregate)				
4.2.5	Rate as per Item Number 4.2.5 of SH: Concrete work	cum	0.015	4519.03	67.79 (A)
9999	Plastering in cement mortar 1:4	L.S.	7.8	2.12	16.54
9999	Carriage of materials	L.S.	3.51	2.12	7.44
	LABOUR:				
123	Mason (brick layer) 1st class	day	0.1	413.00	41.30
114	Beldar	day	0.2	306.00	61.20
	TOTAL				194.26
	Add Water Charges @ 1% except on A i.e on 1.18				1.26
	TOTAL				195.53 (X)
	Add GST 12% on "X" except A(multiplying factor 0.1405)				17.95
	Total				213.48 (Y)
	Add CPOH @ 15% except on A i.e on				21.85
	Cost of 1 metre				235.33
	labour cess @1%				2.35
	Say				237.70
17.61.3	50 mm dia.				
	Details of cost for one metre.				
	MATERIAL:				
	Cement concrete 1:3:6 (1 cement :3 coarse sand :6 graded stone aggregate)				
4.2.5	Rate as per Item Number 4.2.5 of SH: Concrete work	cum	0.008	4519.03	36.15 (A)
9999	Plastering in cement mortar 1:4	L.S.	5.2	2.12	11.02
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0123	Mason (brick layer) 1st class	day	0.07	413.00	28.91
0114	Beldar	day	0.14	306.00	42.84
	TOTAL				124.71
	Add Water Charges @ 1% except on A i.e on				0.89
	TOTAL				125.60 (X)
	Add GST 12% on "X" except A(multiplying factor 0.1405)				12.57
	Total				138.17 (Y)
	Add CPOH @ 15% except on A i.e on				15.30
	Cost of 1 metre				153.47







Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	labour cess @1%				1.53
	Say				155.00
17.62	Painting C.I. cistern with bitumastic or any other anti-corrosive paint inside and white paint over a coat of zinc chromate yellow primer (of approved quality) on the outside surface of the cistern, flush pipe, other fittings, etc. complete for new work.				
	Details of cost for one cistern with fittings.				
	MATERIAL:				
828	Anticorrosive bituminous paint (black)	litre	0.23	100.00	23.00
4202	Red oxide Zinc chromate primer	litre	0.2	120.00	24.00
834	Synthetic enamel paint in all shades except black or chocolate shade	litre	0.4	165.00	66.00
9999	Carriage of materials	L.S.	1.43	2.12	3.03
9999	Sundries	L.S.	6.76	2.12	14.33
	LABOUR:				
131	Painter	day	0.25	391.00	97.75
114	Beldar	day	0.5	306.00	153.00
	TOTAL				381.11
	Add Water Charges @ 1%				3.81
	TOTAL				384.92 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				54.08
	Total				439.01 (Y)
	Add CPOH @ 15%				65.85
	Cost of each				504.86
	labour cess @1%				5.05
	Say				509.90
17.63	Re-painting C.I. cistern with bitumastic or any other anti-corrosive paint inside and white paint on the outside surface of the cistern, flush pipe, other fittings, etc. complete, including polishing of wooden seat and lid and cleaning of W.C. pan with acid wherever necessary.				
	Details of cost for one cistern with fittings.				
	MATERIAL:				
828	Anticorrosive bituminous paint (black)	litre	0.23	100	23.00
834	Synthetic enamel paint in all shades except black or chocolate shade	litre	0.2	165	33.00
9999	Polishing of wooden seat and cleaning of W.C. pan with acid	L.S.	20.67	2.12	43.82
9999	Sundries and carriage of materials	L.S.	7.15	2.12	15.16
	LABOUR:				
0131	Painter	day	0.2	391.00	78.20
0114	Beldar	day	0.25	306.00	76.50
	TOTAL				269.68
	Add Water Charges @ 1%				2.70
	TOTAL				272.38 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				38.27
	Total				310.64 (Y)
	Add CPOH @ 15%				46.60
	Cost of each				357.24
	labour cess @1%				3.57
	Say				360.80
17.64	Repainting C.I. cistern with synthetic enamel paint of approved colour, brand and manufacture on the outside surface of cistern, flush pipe, other fittings etc. complete.				
	Details of cost for one cistern with fittings.				
	MATERIAL:				
0834	Synthetic enamel paint in all shades except black or chocolate shade	litre	0.2	165.00	33.00

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
9999	Sundries and carriage of materials	L.S.	3.64	2.12	7.72
	LABOUR:				
0131	Painter	day	0.09	391.00	35.19
0114	Beldar	day	0.12	306.00	36.72
	TOTAL				112.63
	Add Water Charges @ 1%				1.13
	TOTAL				113.75 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				15.98
	Total				129.74 (Y)
	Add CPOH @ 15%				19.46
	Cost of each				149.20
	labour cess @1%				1.49
	Say				150.70
17.65	Painting sand cast iron / centrifugally cast (spun) iron soil, waste vent pipes and fittings with two coats of synthetic enamel paint of any colour such as chocolate grey, or buff etc. over a coat of primer (of approved quality) for new work.				
17.65.1	100 mm diameter pipe.				
	Details of cost for 10 metres.				
	MATERIAL:				
	Perimeter = 3.14x 110 mm =345.71				
	Area 10x0.3457 = 3.46 sqm				
	Priming coat				
13.81.3	Rate as per Item Number 13.81.3 of SH:	sqm	3.46	34.30	118.68 A
	Finishing				
	Painting two coats with paint of any colour such as chocolate, grey or buff etc				
13.93.1	Rate as per Item Number 13.93.1 of SH:	sqm	3.46	83.67	289.49 A
	Finishing				
9999	Add for delay	L.S.	17.16	2.12	36.38
	TOTAL				444.56
	Add Water Charges @ 1% except on A i.e on				0.36
	TOTAL				444.92 (X)
	Add GST 12% on "X" except A (multiplying factor 0.1405)				5.16
	Total				450.08 (Y)
	Add CPOH @ 15% except on A i.e on				6.29
	Cost of 10 metre				456.37
	Cost of 1 metre				45.64
	labour cess @1%				0.46
	Say				46.10
17.65.2	75 mm diameter pipe.				
	Details of cost for 10 metres.				
	MATERIAL:				
	Perimeter = 3.14x82 mm =257.71				
	Area 10x0.2577 =2.577 sqm say 2.60 sq. m				
	for outer surface				
	Priming coat				
13.81.3	Rate as per Item Number 13.81.3 of SH:	sqm	2.6	34.30	89.18 A
	Finishing				
	Painting two coats with paint of any colour such as chocolate, grey or buff etc.				
13.93.1	Rate as per Item Number 13.93.1 of SH:	sqm	2.6	83.67	217.54 A
	Finishing				0.00
9999	Add for delay	L.S.	15.2	2.12	32.22
	TOTAL				254.66
	323				338.95







BCD Analysis of Rates 2022

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add Water Charges @ 1% except on A i.e on 0.26				0.32
	TOTAL 254.92				339.27 (X)
	Add GST 12% on "X" except A (multiplying factor 0.1405)				4.57
	Total				343.84 (Y)
	Add CPOH @ 15% except on A i.e on				5.57
	Cost of 10 metre				349.41
	Cost of 1 metre				34.94
	labour cess @1%				0.35
	Say				35.30
17.66	Repainting sand cast iron / centrifugally cast iron (spun) iron, soil, waste, vent pipes and fittings with one coat of synthetic enamel paint of any colour such as chocolate, grey or buff etc.				
17.66.1	100 mm diameter pipe.				
	Details of cost for 10 metres.				
	MATERIAL:				
	Painting one coat with paint of any colour such as chocolate, grey or buff etc.				
13.93.2	Rate as per Item Number 13.93.1 of SH: Repairs to buildings	sqm	3.46	53.76	186.00 A
9999	Add for delay	L.S.	12.22	2.12	25.91
	TOTAL				211.91
	Add Water Charges @ 1% except on A i.e on				0.26
	TOTAL				212.17 (X)
	Add GST 12% on "X" except A (multiplying factor 0.1405)				3.68
	Total				215.84 (Y)
	Add CPOH @ 15% except on A i.e on				4.48
	Cost of 10 metre				220.32
	Cost of 1 metre				22.03
	labour cess @1%				0.22
	Say				22.30
17.66.2	75 mm diameter pipe.				
	Details of cost for 10 metres.				
	MATERIAL:				
	Painting one coat with paint of any colour such as chocolate, grey or buff etc.				
13.93.2	Rate as per Item Number 13.93.2 of SH: Repairs to buildings	sqm	2.577	53.76	138.53 A
9999	Add for delay	L.S.	9.49	2.12	20.12
	TOTAL 122.69				158.65
	Add Water Charges @ 1% except on A i.e on				0.20
	TOTAL 122.85				158.85 (X)
	Add GST 12% on "X" except A (multiplying factor 0.1405)				2.85
	Total				161.71 (Y)
	Add CPOH @ 15% except on A i.e on				3.48
	Cost of 10 metre				165.18
	Cost of 1 metre				16.52
	labour cess @1%				0.17
	Say				16.70
17.67	Repainting bath tub of size 1700x730x430 mm with enamel paint.				
	Details of cost for 1 tub.				
	MATERIAL:				
830	Enamel paint	litre	0.9	165.00	148.50
9999	Sundries	L.S.	6.76	2.12	14.33
	LABOUR:				
0131	Painter	day	0.25	391.00	97.75

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
0115	Coolie	day	0.25	318.00	79.50
	TOTAL				340.08
	Add Water Charges @ 1%				3.40
	TOTAL				343.48 (x)
	Add GST 12% on "X" (multiplying factor 0.1405)				48.26
	Total				391.74 (Y)
	Add CPOH @ 15%				58.76
	Cost of each				450.50
	labour cess @1%				4.51
	Say				455.00
17.68	Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C. pan) with seat & lid fixed with C.P. brass hinges and rubber buffers, 10 litre low level flushing cistern with fittings and brackets, 40 mm flush bend, 20 mm over flow pipe, with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required.				
17.68.1	White vitreous china dual purpose WC pan with white solid plastic seat and lid with white vitreous china flushing cistern and C.P. flush bend.				
	Details of cost for one no.				
	MATERIAL:				
1875	White plastic seat (solid) with lid C.P. brass hinges and rubber buffers	each	1.00	410.00	410.00
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	1.00	2500.00	2500.00
7006	Vitreous china 10 litres low level cistern with fittings	each	1.00	1200.00	1200.00
9999	20 mm G.I. over flow pipe and specials for over flow pipe	L.S.	276.25	2.12	585.65
1350	Mosquito proof coupling of approved design	each	1.00	30.00	30.00
9999	Plugs, screws etc	L.S.	59.15	2.12	125.40
9999	Red lead, white lead and gasket	L.S.	71.76	2.12	152.13
9999	Cement, sand and grit etc.	L.S.	118.43	2.12	251.07
9999	Carriage of materials	L.S.	118.43	2.12	251.07
	LABOUR:				
0116	Fitter (grade 1)	day	1.00	420.00	420.00
0123	Mason (brick layer) 1 st class	day	1.00	413.00	413.00
0114	Beldar	day	1.00	306.00	306.00
	TOTAL				6644.32
	Add Water Charges @ 1%				66.44
	TOTAL				6710.77 (x)
	Add GST 12% on "X" (multiplying factor 0.1405)				942.86
	Total				7653.63 (Y)
	Add CPOH @ 15%				1148.04
	Cost of each				8801.67
	labour cess @1%				88.02
	Say				8889.70
17.69	Providing and fixing PTMT Waste Coupling for wash basin and sink, of approved quality and colour.				
17.69.1	Waste coupling 31 mm dia of 79 mm length and 62 mm breadth weighing not less than 45 gms Details of cost for one no.				
	Details of cost for one no.				
	MATERIAL:				
7491	PTMT - Waste Coupling 31/32 mm	each	1	34.00	34.00








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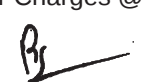




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Code	Description	Unit	Quantity	Rate ₹	Amount ₹
9999	Carriage of materials and fixing charges	L.S.	20.28	2.12	42.99
	TOTAL				76.99
	Add Water Charges @ 1%				0.77
	TOTAL				77.76 X
	Add GST 12% on "X" (multiplying factor 0.1405)				10.93
	Total				88.69 (Y)
	Add CPOH @ 15%				13.30
	Cost of each				101.99
	labour cess @1%				1.02
	Say				103.00
17.69.2	Waste coupling 38 mm dia of 83 mm length and 77 mm breadth, weighing not less than 60 gms.				
	Details of cost for one no.				
	MATERIAL:				
7492	PTMT - Waste Coupling 38/40 mm	each	1	39.00	39
9999	Carriage of materials and fixing charges	L.S.	20.28	2.12	42.99
	TOTAL				81.99
	Add Water Charges @ 1%				0.82
	TOTAL				82.81 X
	Add GST 12% on "X" (multiplying factor 0.1405)				11.64
	Total				94.45 (Y)
	Add CPOH @ 15%				14.17
	Cost of each				108.62
	labour cess @1%				1.09
	Say				109.70
17.70	Providing and fixing PTMT Bottle Trap for Wash basin and sink.				
17.70.1	Bottle trap 31 mm single piece moulded with height of 270 mm, effective length of tail pipe 260 mm from the centre of the waste coupling, 77 mm breadth with 25 mm minimum water seal, weighing not less than 260 gms.				
	Details of cost for one no.				
	MATERIAL:				
7493	PTMT - Bottle Trap 31/32 mm	each	1	200.00	200.0
9999	Carriage of materials and fixing charges	L.S.	20.28	2.12	43.0
	TOTAL				243.0
	Add Water Charges @ 1%				2.4
	TOTAL				245.4 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				34.48
	Total				279.91 (Y)
	Add CPOH @ 15%				42.0
	Cost of each				321.9
	labour cess @1%				3.2
	Say				325.10
17.70.2	Bottle trap 38 mm single piece moulded with height of 270 mm, effective length of tail pipe 260 mm from the centre of the waste coupling, 77 mm breadth with 25 mm minimum water seal, weighing not less than 263 gms.				
	Details of cost for each.				
	MATERIAL:				
7494	PTMT - Bottle Trap 38/40 mm	each	1	200.00	200.00
9999	Carriage of materials and fixing charges	L.S.	20.28	2.12	42.99
	TOTAL				242.99
	Add Water Charges @ 1%				2.43
	TOTAL				245.42
	Add GST 12% on "X" (multiplying factor 0.1405)				34.48
	Total				279.91 (Y)

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add CPOH @ 15%				41.99
	Cost of each				321.89
	labour cess @1%				3.22
	Say				325.10
17.71	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.				
	Details of cost for one no.				
	MATERIAL:				
7503	PTMT Liquid Soap Container of 400 ml capacity	each	1	95.00	95.00
9999	Carriage of materials and fixing charges	L.S.	6.76	2.12	14.33
	TOTAL				109.33
	Add Water Charges @ 1%				1.09
	TOTAL				110.42 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				15.51
	Total				125.94 (Y)
	Add CPOH @ 15%				18.89
	Cost of each				144.83
	labour cess @1%				1.45
	Say				146.30
17.72	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms.				
	Details of cost for one no.				
	MATERIAL:				
7504	PTMT Towel Ring 215x200x37 mm	each	1	110.00	110.00
9999	Carriage of materials and fixing charges	L.S.	20.28	2.12	42.99
	TOTAL				152.99
	Add Water Charges @ 1%				1.53
	TOTAL				154.52 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				21.71
	Total				176.23 (Y)
	Add CPOH @ 15%				26.44
	Cost of each				202.67
	labour cess @1%				2.03
	Say				204.70
17.73	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour.				
17.73.1	450 mm long towel rail with total length of 495 mm, 78 mm wide and effective height of 88 mm, weighing not less than 170 gms.				
	Details of cost for one no.				
	MATERIAL:				
	Wooden cleates				
9.32	Rate as per Item Number 9.32 of SH: Wood and PVC work	each	2.00	24.87	49.75 A
7505	PTMT- Towel Rail (450 mm)	each	1.00	125.00	125.00
588	Chromium plated Brass screws 25 mm	100Nos	6.00	180.00	10.80
9999	Carriage of materials	L.S.	4.16	2.12	8.82
	LABOUR:				
112	Carpenter 2nd class	day	0.17	369.00	62.73
114	Beldar	day	0.17	306.00	52.02
	TOTAL				309.12
	Add Water Charges @ 1% except on A i.e on				2.59

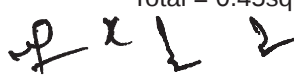



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Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	TOTAL				311.71 (X)
	Add GST 12% on "X" except A (multiplying factor 0.1405)				36.81
	Total				348.52 (Y)
	Add CPOH @ 15% except on A i.e on				44.82
	Cost of each				393.33
	labour cess @1%				3.93
	Say				397.30
17.73.2	600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88mm, weighing not less than 190 gms.				
	Details of cost for one no.				
	MATERIAL:				
7506	PTMT - Towel Rail (600 mm)	each	1	145.00	145.00
	Wooden cleates				
9.32	Rate as per Item Number 9.32 of	each	2	24.87	49.75 A
	SH: Wood and PVC work				
588	Chromium plated Brass screws 25 mm	100 Nos	6	180	10.80
9999	Carriage of materials	L.S.	4.16	2.12	8.82
	LABOUR:				
112	Carpenter 2nd class	day	0.17	369.00	62.73
114	Beldar	day	0.17	306.00	52.02
	TOTAL				329.12
	Add Water Charges @ 1% except on A i.e on				2.79
	TOTAL				331.91 (X)
	Add GST 12% on "X" except A (multiplying factor 0.1405)				39.64
	Total				371.56 (Y)
	Add CPOH @ 15% except on A i.e on				48.27
	Cost of each				419.83
	labour cess @1%				4.20
	Say				424.00
17.74	Providing and fixing PTMT shelf 440 mm long, 124 mm width and 36 mm height of approved quality and colour, weighing not less than 300 gms.				
	Details of cost for one no.				
	MATERIAL:				
	Wooden cleates				
9.32	Rate as per Item Number 9.32 of	each	2	24.87	49.75 A
	SH: Wood and PVC work				
7507	PTMT Shelf 450x124x36 mm	each	1	150.00	150.00
588	Chromium plated Brass screws 25 mm	100 Nos	6	180	10.80
9999	Carriage of materials	L.S.	4.16	2.12	8.82
	LABOUR:				
0112	Carpenter 2nd class	day	0.17	369.00	62.73
0114	Beldar	day	0.17	306.00	52.02
	TOTAL				334.12
	Add Water Charges @ 1% except on A i.e on				2.84
	TOTAL				336.96 (X)
	Add GST 12% on "X" except A (multiplying factor 0.1405)				40.35
	Total				377.32 (Y)
	Add CPOH @ 15% except on A i.e on				49.13
	Cost of each				426.45
	labour cess @1%				4.26
	Say				430.70
17.75	Providing and fixing PTMT 15 mm Urinal spreader size 95x69x100 mm with 1/2" BSP thread and shapes, weighing not less than 60 gms.				
	Details of cost for one no.				

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	MATERIAL:				
7508	PTMT - Urinal Spreader 15 mm	each	1	55.00	55.00
9999	Carriage of materials and fixing charges	L.S.	6.76	2.12	14.33
	TOTAL				69.33
	Add Water Charges @ 1%				0.69
	TOTAL				70.02 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				9.84
	Total				79.86 (Y)
	Add CPOH @ 15%				11.98
	Cost of each				91.84
	labour cess @1%				0.92
	Say				92.80
17.76	Providing and fixing PTMT urinal cock of approved quality and colour.				
17.76.1	15 mm nominal bore, 80 mm long, 42 mm high and 30 mm wide with BSP female threads weighing not less than 48 gms.				
	Details of cost for one no.				
	MATERIAL:				
7858	P.T.M.T. Urinal cock 15 mm dia	each	1	95.00	95.00
9999	Carriage of materials and fixing charges	L.S.	8.06	2.12	17.09
	TOTAL				112.09
	Add Water Charges @ 1%				1.12
	TOTAL				113.21 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				15.91
	Total				129.11 (Y)
	Add CPOH @ 15%				19.37
	Cost of each				148.48
	labour cess @1%				1.48
	Say				150.00
17.77	Providing and fixing M.S. holder bat clamp of approved design to sand cast iron / cast iron (spun) pipes comprising of M.S. flat brackets made of 50x5 mm flat of specified shape, projecting 75 mm outside the wall surface and fixed on wall with 4 nos, 6 mm dia expansion hold fasteners, including drilling necessary holes in brick wall / CC / RCC surface and the cost of bolts etc. The pipes shall be fixed to the already fixed brackets with the help of 30 mm x 1.6 mm galvanised M.S. flats of specified shape and of total length 420 mm and shall be fixed with M.S. nuts, bolts, & washers of size 25x6 mm, one bolts on each side of the pipe.				
17.77.1	Total bracket length 580 mm of approved shape and design (for single 100 mm dia pipe).				
	Details of cost for 5 nos.				
	MATERIAL:				
	M.S. flats 50x5mm 50x0.58= 2.90m				
	@ 1.97 kg/metre = 5.71 kg.				
	M.S. flats 30x1.6mm 5x0.42 = 2.10m.				
	0.38kg/metre = 0.80kg. Total = 6.51kg.				
	Add wastage 5% = 0.33kg.				
	Total = 6.86 kg = 0.0686 quintal				
1007	Structural steel such as tees, angles channels and R.S. joists	quintal	0.0686	5703.33	391.25
2205	Carriage of steel	tonne	0.00686	94.8	0.65
116	Fitter (grade 1)	day	0.033	420.00	13.86
103	Blacksmith 2nd class	day	0.049	369.00	18.08
114	Beldar	day	0.065	306.00	19.89
	Priming coat				
	5x0.58x0.11 =0.32				
	5x0.42x0.063 =0.13				
	Total = 0.45sqm				







Code	Description	Unit	Quantity	Rate ₹	Amount ₹
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing	sqm	0.45	39.32	17.69 A
9999	Sundries P/F expansion hold fasteners 6mm threaded dia 5x4 Nos = 20 Nos	L.S.	1.35	2.12	2.86
8.8.1.1	Rate as per Item Number 8.8.1.1 of SH: Marble work	each	20	22.69	453.75 A
	TOTAL				918.03
	Add Water Charges @ 1% except on A i.e on				4.47
	TOTAL				922.50 (X)
	Add GST 12% on "X" except A (multiplying factor 0.1405)				63.37
	Total				985.87 (Y)
	Add CPOH @ 15% except on A i.e on				77.16
	Cost of 5 nos				1063.04
	Cost of each				212.61
	labour cess @1%				2.13
	Say				214.70
17.77.2	Total bracket length 810 mm of approved shape and design (for two 100 mm dia pipes).				
	Details of cost for 5 nos.				
	MATERIAL:				
	M.S. flats 50x5mm 50x0.81= 4.05m				
	@ 1.97 kg/ metre = 7.98 kg.				
	M.S. flats 30x1.6mm 5x2x0.42 = 4.20m.				
	0.38kg/metre = 1.60kg.				
	Total = 9.58kg.				
	Add wastage 5% = 0.48kg.				
	Total = 10.06 kg.				
	M.S.flats 10.06kg. = 0.1006 quintal				
1007	Structural steel such as tees, angles channels and R.S. joists	quintal	0.10	5703.33	573.75
2205	Carriage of steel	tonne	0.01	94.80	0.95
	LABOUR:				
116	Fitter (grade 1)	day	0.05	420.00	20.16
103	Blacksmith 2nd class	day	0.07	369.00	26.57
114	Beldar	day	0.10	306.00	29.38
	Priming coat				
	5x0.81x0.11 =0.45				
	5x2x0.42x0.063 = 0.26				
	Total = 0.71sqm				
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing	sqm	0.71	39.32	27.91 A
9999	Sundries P/F expansion hold fasteners 6mm threaded dia 5x4 Nos = 20 Nos	L.S.	1.98	2.12	4.20
8.8.1.1	Rate as per Item Number 8.8.1.1 of SH: Marble work	each	20.00	22.69	453.75 A
	TOTAL				1136.67
	Add Water Charges @ 1% except on A i.e on				6.55
	TOTAL				1143.23 (X)
	Add GST 12% on "X" except A (multiplying factor 0.1405)				92.95
	Total				1236.17 (Y)
	Add CPOH @ 15% except on A i.e on				113.18
	Cost of 5 nos				1349.35
	Cost of each				269.87
	labour cess @1%				2.70
	Say				272.60

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
17.77.3	Total bracket length 1040 mm of approved shape and design (for three 100 mm dia pipes). Details of cost for 5 nos. MATERIAL: M.S. flats 50x5mm 50x1.04= 5.20m @ 1.97 kg/ metre = 10.24 kg. M.S. flats 30x1.6mm 5x3x0.42 = 6.30m. 0.38kg/metre = 2.39kg. Total = 12.63kg. Add wastage 5% = 0.63kg. Total = 13.26 kg. M.S.flats 13.26kg. = 0.1326 quintal				
1007	Structural steel such as tees, angles channels and R.S. joists	quintal	0.1326	5703.33	756.26
2205	Carriage of steel	tonne	0.01326	94.8	1.26
	LABOUR:				
0116	Fitter (grade 1)	day	0.063	420.00	26.46
0103	Blacksmith 2nd class	day	0.095	369.00	35.06
0114	Beldar	day	0.126	306.00	38.56
	Priming coat 5x1.04x0.11=0.57 5x3x0.42x0.063 = 0.40 Total = 0.97sqm				
13.81.1	Rate as per Item Number 13.81.1 of SH:	sqm	0.97	39.32	38.14 A
9999	Sundries	L.S.	2.6	2.12	5.51
	P/F expansion hold fasteners 6mm threaded dia 5x4 Nos = 20 Nos				
8.8.1.1	Rate as per Item Number 8.8.1.1 of SH: Marble work	each	20	22.68754	453.75 A
	TOTAL				1354.99
	Add Water Charges @ 1% except on A i.e on				8.63
	TOTAL				1363.62 (X)
	Add GST 12% on "X" except A (multiplying factor 0.1405)				122.48
	Total				1486.10 (Y)
	Add CPOH @ 15% except on A i.e on				149.13
	Cost of 5 nos				1635.23
	Cost of each				327.05
	labour cess @1%				3.27
	Say				330.30
17.78	Providing and fixing white vitreous china extended wall mounting water closet of size 780x370x690 mm of approved shape including providing & fixing white vitreous china cistern with dual flush fitting, of flushing capacity 3 litre/ 6 litre (adjustable to 4 litre/ 8 litres), including seat cover, and cistern fittings, nuts,bolts and gasket etc complete. Details of cost for each. MATERIAL:				
7072	Wall mounted water closet	each	1	5500.00	5500.00
7073	Adjustable Vitreous China Cistern with fittings	each	1	1600.00	1600.00
1875	White plastic seat (solid) with lid C.P. brass hinges and rubber buffers	each	1	410.00	410.00
9999	Carriage of material	L.S.	9.79	2.12	20.75
	LABOUR:				
0116	Fitter (grade 1)	day	1	420.00	420.00
0114	Beldar	day	1	306.00	306.00
0123	Mason (brick layer) 1 st class	day	1	413.00	413.00
	TOTAL				8669.75
	Add Water Charges @ 1%				86.70
	TOTAL				8756.45







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Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add GST 12% on "X" (multiplying factor 0.1405)				1230.28
	Total				9986.73 (Y)
	Add CPOH @ 15%				1498.01
	Cost of each				11484.74
	labour cess @1%				114.85
	Say				11599.60
17.79	Providing & fixing white vitreous china water less urinal of size 600 x 330 x 315 mm having antibacterial /germs free ceramic surface, fixed with cartridge having debris catcher and hygiene seal.				
	Details of cost for each.				
	MATERIAL:				
7074	White Vetrious China Waterless Urinal	each	1	9000.00	9000.00
7075	Cistern with fittings for Waterless Urinal	each	1	2200.00	2200.00
9999	Carriage of material	L.S.	9.79	2.12	20.75
	LABOUR:				
0116	Fitter (grade 1)	day	0.5	420.00	210.00
0114	Beldar	day	0.5	306.00	153.00
	TOTAL				11583.75
	Add Water Charges @ 1%				115.84
	TOTAL				11699.59
	Add GST 12% on "X" (multiplying factor 0.1405)				1643.79
	Total				13343.39 (Y)
	Add CPOH @ 15%				2001.51
	Cost of each				15344.89
	labour cess @1%				153.45
	Say				15498.30
17.80	Providing and fixing white vitreous china battery based infrared sensor operated urinal of approx. size 610 x 390 x 370 mm having pre & post flushing with water (250 ml & 500 ml consumption), having water inlet from back side, including fixing to wall with suitable brackets all as per manufacturers specification and direction of Engineer-in-charge.				
	Details of cost for each.				
	MATERIAL:				
7076	White Vetrious Urinal	each	1	4500.00	4500.00
9999	Carriage of material	L.S.	9.79	2.12	20.75
116	Fitter (grade 1)	day	0.5	420.00	210.00
114	Beldar	day	0.5	306.00	153.00
	TOTAL				4883.75
	Add Water Charges @ 1%				48.84
	TOTAL				4932.59 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				693.03
	Total				5625.62 (Y)
	Add CPOH @ 15%				843.84
	Cost of each				6469.46
	labour cess @1%				64.69
	Say				6534.20








Code	Description	Unit	Quantity	Rate ₹	Amount ₹
17.81	Providing and fixing floor mounted, white vitreous china single piece, double traps syphonic water closet of approved brand/make, shape, size and pattern including integrated white vitreous china cistern of capacity 10 litres with dual flushing system, including all fittings and fixtures with seat cover, cistern fittings, nuts, bolts and gasket etc including making connection with the existing P/S trap, complete in all respect as per directions of Engineer-in-Charge.				
	Details of cost for 1 no.				
	MATERIAL				
1966	Floor mounted, white vitreous china single piece, double traps syphonic water closet of approved brand/make, shape, size and pattern including integrated white vitreous china cistern of capacity 10 litres with dual flushing system including all fittings and fixtures with seat cover, cistern fittings, nuts, bolts and gasket etc.	each	1	9800.00	9800.00
9977	Carriage of material	L.S.	9.79	2.12	20.75
	LABOUR				
116	Fitter (grade 1)	day	1	420.00	420.00
114	Beldar	day	1	306.00	306.00
123	Mason (brick layer) 1st class	day	1	413.00	413.00
	TOTAL				10959.75
	Add 1 % Water charges on "W"				109.60
	TOTAL				11069.35 (X)
	Add GST on "X" (multiplying factor 0.1405)				1555.24
	TOTAL				12624.60 (Y)
	Add 15% CPOH on "Y"				1893.69
	TOTAL				14518.29
	Add Cess @ 1% on "Z"				145.18
	Cost of each				14663.50
	Say				14663.50









