



**600 MT Wh.building & other Ancillary work**

**ABSTRACT SHEET**

<b>Sub Work :-I Const. of 600 MT WH</b>														
<b>I.</b>	<b>DESCRIPTON OF ITEM</b>	<b>QTY.</b>	<b>UNIT</b>	<b>I.N./ P.N</b>	<b>BASIC RATE</b>	<b>LEAD CHARGES</b>		<b>TS &amp;</b>	<b>TOTAL</b>	<b>Add 0 %</b>	<b>TOTAL OF</b>	<b>ADD %</b>	<b>TOTAL OF</b>	<b>AMOUNT</b>
						<b>SAND</b>	<b>METAL</b>	<b>R.A.</b>		<b>C Area</b>	<b>RATES</b>	<b>FOR</b>	<b>RATES</b>	
						<b>HM</b>	<b>Bricks</b>			<b>Charges</b>	<b>6 TO 11</b>	<b>CHARGE S</b>	<b>6 TO 14</b>	
										<b>0.000</b>		<b>0.0000</b>		
	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>
1	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5 m.) By Mechanical Means	123.62	Cum	21.02/189	207.00						207.00		207.00	25,589.34
2	Excavation for foundation in earth, soils of all types, sand,gravel and soft murum, including removing the excavated material upto a distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift from 1.5m to 3.0m) By Mechanical Means	1.00	Cum	21.04/189	258.00						258.00		258.00	258.00
3	Excavation for foundation in hard murum including removing the excavated material upto distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.50 m) By Mechanical Means	46.37	Cum	21.06/190	227.00						227.00		227.00	10,525.54
4	Excavation for foundation in Hard murum including removing the excavated material upto a distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift from 1.5 to 3.0m.) By Mechanical Means	25.76	Cum	21.08/154	284.00						284.00		284.00	7,315.84

I.	DESCRIPTON OF ITEM	QTY.	UNIT	I.N./ P.N	BASIC RATE	LEAD CHARGES			TS &	TOTAL	Add 0 % C Area	TOTAL OF	ADD %	TOTAL OF	AMOUNT
						SAND	METAL	R.A.				RATES	FOR	RATES	
						HM	Bricks				Charges	6 TO 11	CHARGE S	6 TO 14	
											0.000		0.0000		
	2	3	4	5	6	7	8	10	11	12		13	14	15	16
5	Excavation for foundation in hard murum and boulders including removing the excavated material up to a distance 50 metres, beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5m.) By Mechanical Mean	1.00	Cum	21.10/154	252.00							252.00		252.00	252.00
6	Excavation for foundation in Hard murum and boulders including removing the excavated material upto a distance of 50 metres, beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift from 1.5 m to 3.0 m.) By Mechanical Means	1.00	Cum	21.12/154	312.00							312.00		312.00	312.00
7	Excavation for roadway in earth, soil of all sorts, sand, gravel or soft murum including dressing section to the required grade, camber and side slopes and conveying the excavated materials with all lifts upto a lead of 50m. and spreading for embankment or stacking as directed.	1.00	Cum	2.11/23	119.00							119.00		119.00	119.00
8	Excavation for roadway in hard murum and boulder including dressing section to the required grade, camber and side slopes and conveying the excavated materials with all lifts upto a lead of 50m.and spreading for embankment or stacking as directed.	1.00	Cum	2.13/24	139.00							139.00		139.00	139.00

I.	DESCRIPTON OF ITEM	QTY.	UNIT	I.N./ P.N	BASIC RATE	LEAD CHARGES		TS & R.A.	TOTAL	Add 0 % C Area	TOTAL OF	ADD %	TOTAL OF	AMOUNT	
						SAND	METAL				RATES	FOR	RATES		
						HM	Bricks			Charges	6 TO 11	CHARGE S	6 TO 14		
										0.000		0.0000			
		2	3	4	5	6	7	8	10	11	12	13	14	15	16
9	Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, Steel centering, formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing if required and curing complete, with fully automatic micro processor based PLC without SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade )	48.93	Cum	24.01/175	5,830.00						(126.00)	5,704.00		5,704.00	279,106.76
11	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in foundations and plinth of inner walls/ in plinth external walls including bailing out water manually , striking joints on unexposed faces, raking out joints on exposed faces and watering etc. Complete.	23.15	Cum	27.01/197	7,755.00							7,755.00		7,755.00	179,547.64
12	Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas, lintels pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules, including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete..	13.52	MT	26.33/188	89,703.00							89,703.00		89,703.00	1,213,193.17

I.	DESCRIPTON OF ITEM	QTY.	UNIT	I.N./ P.N	BASIC RATE	LEAD CHARGES			TS & R.A.	TOTAL	Add 0 % C Area	TOTAL OF	ADD %	TOTAL OF	AMOUNT	
						SAND	METAL	HM				Bricks	RATES	FOR		RATES
											Charges	6 TO 11	CHARGE S	6 TO 14		
											0.000		0.0000			
2		3	4	5	6	7	8	10	11	12	13	14	15	16		
13	Providing and laying in situ /Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. work in foundations like raft, strip foundations, grillage and footings of R.C.C. columns and steel stanchions etc. including bailing out water, Steel centering formwork, laying/pumping cover blocks, compaction and curing roughening the surface if special finish is to be provided (Excluding reinforcement and structural steel) etc. complete, with fully automatic micro processor based PLC with out SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)	35	Cum	25.11/178	7,104.00						(126.00)	6,978.00	6,978.00	242,080.78		
14	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs and drawing or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete,(Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with Out SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)	10.76	Cum	25.31/179	13,783.00						(126.00)	13,657.00	13,657.00	146,987.01		

I.	DESCRIPTON OF ITEM	QTY.	UNIT	I.N./ P.N	BASIC RATE	LEAD CHARGES			TS &	TOTAL	Add 0 %	TOTAL OF	ADD %	TOTAL OF	AMOUNT
						SAND	METAL	R.A.				C Area	FOR	RATES	
						HM	Bricks				Charges	6 TO 11	CHARGE S	6 TO 14	
	2	3	4	5	6	7	8	10	11	12	13	14	15	16	
15	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compactionand roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel). with fully automatic micro processor based PLC without SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade	46.01	Cum	25.50/181	12,269.00						(126.00)	12,143.00		12,143.00	558,738.35
16	Providing and laying Cast in situ/Ready Mixcement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for R.C.C. chajja as per detailed design and drawings including steel centering, formwork, cover blocks, laying/pumping, compacting and roughening the surface if special finish is to be provided and curing complete. (Excluding reinforcement and structural steel). with fully automatic micro processor based PLC without SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)	1.25	Cum	25.70/182	13,932.00						(126.00)	13,806.00		13,806.00	17,229.89
17	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings including steel centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement	3.89	Cum	25.70/182	13,932.00						(126.00)	13,806.00		13,806.00	53,677.73
18	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in super structure including striking joints,raking out joints,watering and scaffolding etc.Complete	35.90	Cum	24.16/177	6,359.00							6,359.00		6,359.00	228,308.77

I.	DESCRIPTON OF ITEM	QTY.	UNIT	I.N./ P.N	BASIC RATE	LEAD CHARGES			TOTAL	Add 0 % C Area	TOTAL OF RATES	ADD % FOR CHARGE S	TOTAL OF RATES	AMOUNT
						SAND	METAL	TS & R.A.						
						HM	Bricks			Charges	6 TO 11	6 TO 14		
										0.000	0.0000			
	2	3	4	5	6	7	8	10	11	12	13	14	15	16
19	Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound at 1Kilogramper cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc.complete.	319.94	Sqm	32.11/209	639.00						639.00		639.00	204,439.10
20	Providing internal cement plaster 12 mm thick in Single coats in cement mortar 1:4 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc.complete.	231.10	Sqm	32.04/209	278.00						278.00		278.00	64,244.41
21	Providing internal cement plaster 20mm thick in Single coats in cement mortar 1:4 with cement finish, to concrete, brick surface, in all positions including scaffolding and curing etc.complete.	66.51	Sqm	32.04/209 /32.21/210	350.00						350.00		350.00	23,278.50
22	Providing and applying white-wash in two coats on old / new plastered or masonry surfaces and asbestos cement sheets including scaffolding and preparing the surface by brushing and brooming down etc. complete.	255.01	Sqm	36.03/227	12.00						12.00		12.00	3,060.17
23	Providing and applying two coats of exterior acrylic emulsion paint confirming to corresponding I.S. of approved manufacture and of approved colour to the plastered surfaces including cleaning ,preparing the plaster surface, applying primer coat ,scaffolding if necessary , and watering the surface for two days etc complete.	272.00	Sqm	35.25/225	261.00						261.00		261.00	70,992.00
24	Providing and applying two coats (exterior quality) of flat oil paint of approved colour and shade to the plastered surface in buildings and workshops including scaffolding if necessary, cleaning the surface and preparing surface etc. complete. (excluding primer coat)	12.00	Sqm	35.11/224	88.00						88.00		88.00	1,056.00

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						SAND	METAL	R.A.				RATES	FOR	RATES	
						HM	Bricks				Charges	6 TO 11	CHARGE S	6 TO 14	
											0.000		0.0000		
	2	3	4	5	6	7	8	10	11	12		13	14	15	16
25	Providing and fixing rolling shutter fabricated from steel laths of minimum thickness 0.9 mm with lock plate of 3.15 mm thickness reinforced with 35 x 35 x 5 mm angle section fitted with sliding bolts and handles for both sides, deep M.S. channel section of depth and thickness not less than 65 mm and 3.15 mm respectively with hold fast arrangements, M.S. Bracket plate 300 x 300 x 3.15 mm minimum size and shape with square bar, suspension shaft of minimum 32 mm diameter, hood cover of M.S. sheet not less than 0.9 mm thickness and of any size at top and safety devices including mechanical gear operation arrangement consisting of worm gear wheels and worms of high grade cast iron or mild steel and one coat of red lead primer etc. complete. (I.S. 62481979) (Without mechanical gear)	10.71	Sqm	39.24/248	4,829.00							4,829.00		4,829.00	51,718.59
26	Providing and fixing mildsteel grill work for windows,ventilatorsetc. 20Kilogram/Square Metre as per drawing including fixtures,necessary welding and painting with one coat s of anticorrosive paint and two coats of oil painting complete.	23.76	Sqm	40.01/264	2,097.00							2,097.00		2,097.00	49,824.72
27	Filling in plinth with approved excavated stuff obtained from departmental land including watering, compacting etc. complete as	66.22	Cum	21.36/157	120.00							120.00		120.00	7,946.82
28	Providing Hard Murum cohesive non-swelling materials in plinth in layers of 20 cms etc. complete as directed. [ Only compacted thickness is payable ][Rd.23/202 & Rd.28/205].	281.45	Cum	RA	568.00							568.00		568.00	159,863.58
29	Compacting the Hard Murum, cohesive non swelling materials in plinth upto 200 mm loose with power roller 8 to 10 tonee capacity including artificial watering etc. complete as	662.24	Sqm	2.31/25	21.00							21.00		21.00	13,906.94

I.	DESCRIPTON OF ITEM	QTY.	UNIT	I.N./ P.N	BASIC RATE	LEAD CHARGES			TS &	TOTAL	Add 0 % C Area	TOTAL OF	ADD %	TOTAL OF	AMOUNT
						SAND	METAL	R.A.				RATES	FOR	RATES	
						HM	Bricks				Charges	6 TO 11	CHARGE S	6 TO 14	
	2	3	4	5	6	7	8	10	11	12	0.000	13	14	15	16
30	Providing & laying stone metal layer of 20 cm thickness with 60 mm over size metal 65% and 40 mm size metal 35% with sand or stone chips spreading & leveling handpacking complete.[Rd.22/201,Rd.20/200 & Rd.20/205 ]	90.61	Cum	RA	1,196.00							1,196.00		1,196.00	108,370.18
3	Compacting oversize & size metal layers combindaly with power roler not less than 8 tonnes including artificial watering & leveling etc. complete as directed (Rd.35/209)	331.12	Sqm	MR	805.00							805.00		805.00	266,549.67
32	Providing and laying in situ cement concrete M20 with tremix treatment for 100 mm thickness for flooring with groove cutting of 4mm wide and 20mm deep with necessary refilling with bitumen and including vaccum dewatering etc. complete.	331.12	Sqm	33.30/216	796.00						(126.00)	670.00		670.00	221,848.79
33	Providing treatment of TREMIX vaccum dewatering over prelaid cement concrete 1:2:4 surface including fixing of M.S.Channel formwork as per required size and placing of dowel rod, vibrating the concrete by needle vibrator and leveling by	331.12	Sqm	R A	50.00							50.00		50.00	16,555.88
34	Providing & fixing ISMC 150 with weight @ 16.80 Kgs/Rmt 20 mm dia & 0.50 m long bolts & nuts @ 1.00 mc/c, M.S. angles for stands of fire bucket including chain fixing in wall applying three coats of oilpaint etc. compl	0.65	MT	23.01/173	101,844.00							101,844.00		101,844.00	66,434.88
35	Providing & Fixing in position M.S. ladder of 45 cms width made out 50 x 50 x 6 mm two angles for rails and M.S. angle stiffeners at three places as directed with M.S. round bars of 20 mm dia for steps @ every 30 cm c/c including fixing	8.00	RMT	RA	805.00							805.00		805.00	6,440.00

I.	DESCRIPTON OF ITEM	QTY.	UNIT	LN./ P.N	BASIC RATE	LEAD CHARGES			TOTAL	Add 0 % C Area	TOTAL OF RATES	ADD % FOR CHARGE S	TOTAL OF RATES	AMOUNT
						SAND	METAL	TS & R.A.						
						HM	Bricks			Charges	6 TO 11	6 TO 14		
										0.000		0.0000		
	2	3	4	5	6	7	8	10	11	12	13	14	15	16
36	Providing and fixing lioghtening conductor system comprising of erecting Air-Termination consisting of tubular copperrod of 25 mm dia.1.2 mm thick with multiple point shead 1.2mt.long (HeavyDuty)weldedor clamped to G.I .pipe pole Bgrade 50 mm dia of requiiredl ength with M.S.round bnase plate 25 Cmdiamand 10mm thick at bottom embeded in cement concrete 1:3:6 d foundation of size 45 cm diam x 45cm Height and providing earth ing with copper earth plate of size60x60x0.3cms with cadmiumpl at ed nut bolt sto fixe arthing strip burried inspecially prepared earth pits1.5metre below ground level with 40 Kilogram charcoal and salt with altemate layers of charcoal and salt and G.I.pipe 40 mm dia2meter length burried inearthe up to earthling plateremining portion above ground level forwatering and refillingc ompete Note- Copper strip fropmlightening conductor is not considered in this item.	1.00	Nos	44.18/295	25,784.00						25,784.00		25,784.00	25,784.00
37	Conveying the materials obtained from excavation including all lifts, laying in layers, breaking clods, dressing to the required lines, curves, grades and section for a lead over 50m to 300m from the site of dep excavation to the site of dep	5.00	Cum	2.25/24	195.00						195.00		195.00	975.00
38	Providing pre-constructrional Anti-termite treatment as per I.S. 6313 (Part-II) - 1973 by treating the top surface of plinth filling at the rate of 5 litres of emulsion concentrates of 0.5 percent of Hephoclore per square meter of surface	1.00	sq m	21.24/156	108.00						108.00		108.00	108.00
39	Providing and fixing in position powder coated aluminium louvered windows / ventilator of various sizes with powder coating as per detailed drawing and specifications including aluminium frames 80 x 38 mm x 1.22 mm box type, 5 mm thick sheet glass louvers, of approved quality etc. complete.	23.80	sq m	39.68/259	3,467.00						3,467.00		3,467.00	82,514.60





	Item Nos & Description of Items	NO.S				LENGT	BREDTH		DEPTH	TOTAL		Unit
1	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5 m.) By Mechanical Means											Cum
	<b>Column footing</b>											
	Column C1,C4,C9,C12	2	X	2	X	2.80	X	2.30	X	1.00	=	25.76
	Column No.C2,C3,C10,C11	2	X	2	X	2.80	X	2.30	X	1.00	=	25.76
	Column No. C5,C6,C7,C8	2	X	2	X	2.80	X	2.30	X	1.00	=	25.76
	Column No. C17,C18,C19,C20	2	X	2	X	2.80	X	2.30	X	0.00	=	0.00
	Column Platform (CP)	2	X	2	X	2.80	X	2.30	X	1.00	=	25.76
	For Ground Beam PANEL											
	Longwall	2	X	3	X	7.20	X	0.40	X	0.70	=	12.10
	Gable wall	2	X	3	X	5.05	X	0.40	X	0.70	=	8.48
										Total	=	123.62
										say	=	<b>123.62</b>
												Cum
2	Excavation for foundation in earth, soils of all types, sand,gravel and soft murum, including removing the excavated material upto a distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift from 1.5m to 3.0m) By Mechanical Means											Cum
	<b>Column footing</b>											
	Column C1,C4,C9,C12	2	X	2	X	2.80	X	2.30	X	0.00	=	0.00
	Column No.C2,C3,C10,C11	2	X	2	X	2.80	X	2.30	X	0.00	=	0.00
	Column No. C5,C6,C7,C8	2	X	2	X	2.80	X	2.30	X	0.00	=	0.00
	Column No. C17,C18,C19,C20	2	X	2	X	2.80	X	2.30	X	0.00	=	0.00
	Column Platform (CP)	2	X	2	X	2.80	X	2.30	X	0.00	=	0.00
	For Ground Beam PANEL											
	Longwall	2	X	3	X	7.20	X	0.70	X	0.00	=	0.00
	Gable wall	2	X	3	X	5.05	X	0.70	X	0.00	=	0.00
											=	0.00
										say	=	<b>1.00</b>
												Cum
3	Excavation for foundation in hard murum including removing the excavated material upto distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.50 m) By Mechanical Means											Cum
	<b>Column footing</b>											
	Column C1,C4,C9,C12	2	X	2	X	2.80	X	2.30	X	0.60	=	15.46
	Column No.C2,C3,C10,C11	2	X	2	X	2.80	X	2.30	X	0.60	=	15.46
	Column No. C5,C6,C7,C8	2	X	2	X	2.80	X	2.30	X	0.60	=	15.46
	Column No. C17,C18,C19,C20	2	X	2	X	2.80	X	2.30	X	0.00	=	0.00
	Column Platform (CP)	2	X	2	X	2.80	X	2.30	X	0.60	=	0.00
	<b>For Ground Beam PANEL</b>											
	Longwall	2	X	3	X	7.20	X	0.70	X	0.00	=	0.00
	Gable wall	2	X	3	X	5.05	X	0.70	X	0.00	=	0.00
										Total	=	46.37
										say	=	<b>46.37</b>
												Cum
4	Excavation for foundation in Hard murum including removing the excavated material upto a distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift											Cum
	<b>Column footing</b>											
	Column C1,C4,C9,C12	2	X	2	X	2.80	X	2.30	X	0.20	=	5.15
	Column No.C2,C3,C10,C11	2	X	2	X	2.80	X	2.30	X	0.20	=	5.15
	Column No. C5,C6,C7,C8	2	X	2	X	2.80	X	2.30	X	0.20	=	5.15
	Column No. C17,C18,C19,C20	2	X	2	X	2.80	X	2.30	X	0.20	=	5.15
	Column Platform (CP)	2	X	2	X	2.80	X	2.30	X	0.20	=	5.15
	<b>For Ground Beam PANEL</b>											
	Longwall	2	X	3	X	7.20	X	0.70	X	0.00	=	0.00
	Gable wall	2	X	3	X	5.05	X	0.70	X	0.00	=	0.00

Item Nos & Description of Items	NO.S				LENGT	BREDTH	DEPTH	TOTAL	Unit				
								Total	25.76				
								say	25.76	Cum			
5	Excavation for foundation in hard murum and boulders including removing the excavated material up to a distance 50 metres, beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5m) By Mechanical Mean								Cum				
	Column C1,C4,C9,C12	2	X	2	X	2.80	X	2.30	X	0.00	=	0.00	
	Column No.C2,C3,C10,C11	2	X	2	X	2.80	X	2.30	X	0.00	=	0.00	
	Column No. C5,C6,C7,C8	2	X	2	X	2.80	X	2.30	X	0.00	=	0.00	
	Column No. C17,C18,C19,C20	2	X	2	X	2.80	X	2.30	X	0.00	=	0.00	
	Column Platform (CP)	2	X	2	X	2.80	X	2.30	X	0.00	=	0.00	
	<b>For Ground Beam PANEL</b>												
	Longwall	2	X	3	X	7.20	X	0.70	X	0.00	=	0.00	
	Gable wall	2	X	3	X	5.05	X	0.70	X	0.00	=	0.00	
										Total		1.00	
										say		1.00	Cum
6	Excavation for foundation in Hard murum and boulders including removing the excavated material upto a								Cum				
	Column footing												
	Column C1,C4,C9,C12	2	X	2	X	2.80	X	2.30	X	0.00	=	0.00	
	Column No.C2,C3,C10,C11	2	X	2	X	2.80	X	2.30	X	0.00	=	0.00	
	Column No. C5,C6,C7,C8	2	X	2	X	2.80	X	2.30	X	0.00	=	0.00	
	Column No. C17,C18,C19,C20	2	X	2	X	2.80	X	2.30	X	0.00	=	0.00	
	Column Platform (CP)	2	X	2	X	2.80	X	2.30	X	0.00	=	0.00	
										Total		1.00	
										Say		1.00	Cum
7	Excavation for roadway in earth, soil of all sorts, sand, gravel or soft murum including dressing section to the								Cum				
	For Wh bldg.	0.0	X	1.0	X	21.390	X	6.000	X	0.300	=	0.000	
										TOTAL	=	1.000	
										SAY	=	1.00	Cum
8	Excavation for roadway in hard murum and boulder including dressing section to the required grade, camber and								Cum				
	For Wh bldg.	0.0	X	1.0	X	21.900	X	6.000	X	0.150	=	0.000	
										TOTAL	=	1.00	
										SAY	=	1.00	Cum
9	Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, Steel centering, formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing if required and curing complete, with fully automatic micro processor based PLC without SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade )								Cum				
	Bed concrete in WH.	1.0	X	1.0	X	21.670	X	15.280	X	0.10	=	33.112	
	<b>Column footing</b>												
	Column C1,C4,C9,C12	2	X	2	x	2.80	X	2.30	X	0.10	=	2.58	
	Column No.C2,C3,C10,C11	2	X	2	x	2.80	X	2.30	X	0.10	=	2.58	
	Column No. C5,C6,C7,C8	2	X	2	x	2.80	X	2.30	X	0.10	=	2.58	
	Column No. C17,C18,C19,C20	2	X	2	x	2.80	X	2.30	X	0.10	=	2.58	
	Column Platform (CP)	2	X	2	x	2.80	X	2.30	X	0.10	=	2.58	
	<b>For Ground Beam PANEL</b>												
	Longwall	2	X	3	X	7.20	X	0.40	X	0.10	=	1.73	
	Gable wall	2	X	3	X	5.05	X	0.40	X	0.10	=	1.21	
										Total	=	48.93	
										say	=	48.93	Cum
11	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in foundations and plinth of inner walls/ in plinth external walls including bailing out water manually , striking joints on unexposed faces, raking out joints on exposed faces and watering etc. Complete.								Cum				
	<b>For PANEL In Plinth</b>												
	Longwall	2	X	3	X	7.20	X	0.35	X	0.90	=	13.61	
	Gable wall	2	X	3	X	5.05	X	0.35	X	0.90	=	9.54	

Item Nos & Description of Items	NO.S				LENGT	BREDTH			DEPTH		TOTAL	Unit
									Total	=	23.15	
									say	=	23.15	Cum
TMT Steel												
12	Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas, lintels pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules. including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete..											MT
	Footing	34.69										
	Column	10.76										
	Beams And Lintels	46.01										
	weathersheds & canopies	1.25										
	R.C.C.slab	3.89										
		96.60	x	140	13524.56						13.525	
	Total										13.525	
	say										13.525	MT
<b>Footing</b>												
13	Providing and laying in situ /Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. work in foundations like raft, strip foundations, grillage and footings of R.C.C. columns and steel stanchions etc. including bailing out water, Steel centering formwork, laying/pumping cover blocks, compaction and curing roughening the surface if special finish is to be provided (Excluding reinforcement and structural steel) etc. complete, with fully automatic micro processor based PLC with out SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)											Cum
	<b>Column footing</b>											
	Column C1,C4,C9,C12	2	X	2	x	2.50	X	2.00	X	0.65	=	13.00
	Column No.C2,C3,C10,C11	2	X	2	x	2.00	X	2.50	X	0.55	=	11.00
	Column No. C5,C6,C7,C8	2	X	2	X	2.00	X	2.25	X	0.45	=	8.10
	Column No. C17,C18,C19,C20	2	X	2	x	0.00	x	0.00	X	0.00	=	0.00
	Column Platform (CP)	2	X	2	x	1.20	X	1.20	X	0.45	=	2.59
										Total		34.69
										say		34.69
												Cum
<b>Column</b>												
14	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs and drawing or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete,(Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with Out SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)											Cum
	<b>Column up to plinth</b>											
	Column C1,C4,C9,C12	2	X	2	X	0.48	X	0.60	X	2.15	=	2.48
	Column No.C2,C3,C10,C11	2	X	2	X	0.35	X	0.60	X	2.15	=	1.81
	Column No. C5,C6,C7,C8	2	X	2	X	0.32	X	0.53	X	2.15	=	1.46
	Column No. C17,C18,C19,C20	2	X	2	X	0.15	X	0.23	X	0.00	=	0.00
	Column Platform (CP)	2	X	2	X	0.30	X	0.53	X	2.15	=	1.37
	<b>Column above plinth</b>											
	Column C1,C4,C9,C12	2	X	2	X	0.30	X	0.30	X	3.00	=	1.08
	Column No.C2,C3,C10,C11	2	X	2	X	0.30	X	0.30	X	3.00	=	1.08
	Column No. C5,C6,C7,C8	2	X	2	X	0.30	X	0.30	X	3.00	=	1.08
	Column No. C17,C18,C19,C20	2	X	2	X	0.15	X	0.23	X	3.00	=	0.41
	Column Platform (CP)	0	X	2	X	0.30	X	0.53	X	3.00	=	0.00
										Total		10.76
										say		10.76
												Cum
<b>Beams And Lintels</b>												



Item Nos & Description of Items	NO.S				LENGT	BREDTH	DEPTH	TOTAL	Unit			
<b>PLATFORM SLAB</b>	1	X	2	X	7.20	X	1.80	X	0.150	=	3.89	
									Total		3.89	
									say		<b>3.89</b>	Cum
<b>BBM</b>												
18	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in super structure including striking joints,raking out joints,watering and scaffolding etc.Complete											Cum
<b>BAY</b>												
Longwall	2	X	3	X	7.20	X	0.23	X	2.55	=	25.34	
Gable wall	2	X	3	X	5.05	X	0.23	X	2.55	=	17.77	
<b>Deduction for</b>									<b>Total</b>		<b>43.11</b>	
Rolling shutters	2	X	1	X	2.10	X	0.35	X	2.55	=	3.75	
V1	2	X	8	X	0.60	X	0.60	X	0.60	=	3.46	
							Total deduction				7.20	
									Net		35.90	
									total		35.90	
									Say		<b>35.90</b>	Cum
19	Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound at 1Kilogramper cement											Sqm
<b>Outside</b>												
Long wall	1	X	2	X	22.13	X	3.90			=	172.61	
short wall	1	X	2	X	15.74	X	3.90			=	122.77	
Weather sheds over												
V1 top, bottom	2	X	20	X	1.55	X	0.65			=	40.30	
Sides	1	X	20	X	0.45	X	0.08			=	0.72	
									Total		336.41	
<b>Deduction</b>												
Rolling shutters	1	X	2	X	2.10	X	2.55			=	10.71	
V1	2	X	8	X	0.60	X	0.60			=	5.76	
									Total		16.47	
									Net		319.94	
									Say		<b>319.94</b>	Sqm
20	Providing internal cement plaster 12 mm thick in Single coats in cement mortar 1:4 without neeru finish, to											Sqm
<b>Inside</b>												
Long wall	1	X	2	X	21.67	X	3.35			=	145.19	
short wall	1	X	2	X	15.28	X	3.35			=	102.38	
Offset of cloumn												
C1	2	X	2	X	0.37	X	3.35			=	4.96	
C2	2	X	3	X	0.37	X	3.35			=	7.44	
C3	2	X	2	X	0.37	X	3.35			=	4.96	
CP & C4 RS	1	X	7	X	0.14	X	3.35			=	3.28	
									Total		247.57	
Rolling shutters	1	X	2	X	2.10	X	2.55			=	10.71	
V1	2	X	8	X	0.60	X	0.60			=	5.76	
									Dedu.		16.47	
									Net		231.10	
									Say		<b>231.10</b>	Sqm
21	Providing internal cement plaster 20mm thick in Single coats in cement mortar 1:4 with cement finish, to concrete, brick surface, in all positions including scaffolding and curing etc.complete.											Sqm
<b>Plinth</b>												
Long Wall	1	X	2	X	21.67	X	0.90			=	39.006	
Short Wall	1	X	2	X	15.28	X	0.90			=	27.504	
									Total		66.51	
									Say		<b>66.51</b>	Sqm

	Item Nos & Description of Items	NO.S			LENGT	BREDTH	DEPTH	TOTAL	Unit
22	Providing and applying <b>white-wash</b> in two coats on old / new plastered or masonry surfaces and asbestos								Sqm
	<b>Inside</b>								
	Long wall	1	X	2	X	21.67	X	3.35	= 145.19
	Short wall	1	X	2	X	15.28	X	3.35	= 102.38
	Offset of cloumn								
	C1	2	X	2	X	0.44	X	3.35	= 5.90
	C2	2	X	3	X	0.44	X	3.35	= 8.84
	C3	2	X	2	X	0.44	X	3.35	= 5.90
	C4 RS	1	X	7	X	0.14	X	3.35	= 3.28
	<b>Dedu.</b>							Total	271.48
	Rolling shutters	1	X	2	X	2.10	X	2.55	= 10.71
	V1	2	X	8	X	0.60	X	0.60	= 5.76
								Total	16.47
								Net	255.01
								Say	<b>255.01</b>
									Sqm
23	Providing and applying two coats of exterior acraylic emulsion paint conforming to corresponding I.S. of approved manufacture and of approved colour to the plastered surfaces including cleaning ,preparing the plaster surface, applying primer coat ,scaffolding if necessary , and watering the surface for two days etc complete.								Sqm
	<b>Outside</b>								
	Long wall	1	X	2	X	21.67	X	3.90	= 169.03
	short wall	1	X	2	X	15.28	X	3.90	= 119.18
								Total	= 288.21
	Deduction								
	Rolling shutters	1	X	2	X	2.10	X	2.55	= 10.71
	V1	2	X	8	X	0.60	X	0.60	= 5.76
								Dedu.	16.47
								Net	271.74
								total	272.00
								Say	<b>272.00</b>
									Sqm
24	Providing and applying two coats (exterior quality) of flat oil paint of approved colour and shade to the plastered surface in buildings and workshops including scaffolding if necessary, cleaning the surface and preparing surface etc. complete. (excluding primer coat)								Sqm
	Plinth								
	<b>Stack lines</b>								
	Long	2	X	4	X	6.00	X	0.10	= 4.80
	Short	2	X	4	X	9.00	X	0.10	= 7.20
								Total	12.00
								Say	<b>12.00</b>
									Sqm
25	Providing and fixing rolling shutter fabricated from steel laths of minimum thickness 0.9 mm with lock plate of								Sqm
	Rolling shutters	1	X	2	X	2.10		2.55 x 1.00	= 10.71
								Total	10.71
								Say	<b>10.71</b>
									Sqm
26	Providing and fixing mildsteel grill work for windows,ventilatorsetc. 20Kilogram/Square Metre as per drawing including fixtures,necessary welding and painting with one coat s of anticorrosive paint and two coats of oil painting complete.								Sqm
	V1	2	X	8	X	0.60	X	0.60	= 5.76
	V2	2	X	15	X	1.00	X	0.60	= 18.00
								Total	23.76
								Say	<b>23.76</b>
									Sqm
27	<b>Filling in plinth</b> with approved <b>excavated stuff</b> obtained from departmental land including watering, compacting etc. complete as directed.(Bd. A.10/262)								Cum
	Qty received from excavation	1	X	1	X	21.67	X	15.28	= 66.22
	item no 3	1.00				2.76			-1.76

Item Nos & Description of Items	NO.S				LENGT	BREDTH			DEPTH	TOTAL	Unit
item no 5	1.00				15.44				-14.44		
Qty received from excavation									Total	66.22	
									Say	<b>66.22</b>	Cum
28 Providing <b>Hard Murum</b> cohesive non-swelling materials in plinth in layers of 20 cms etc. complete as directed. [ Only compacted thickness is payable ][Rd.23/202 & Rd.28/205].											Cum
Main bldg.	1	X	1	X	21.67	X	15.28	X	0.85	=	281.45
Apron											
									Total	281.45	
									Say	<b>281.45</b>	Cum
29 <b>Compacting the Hard Murum</b> , cohesive non swelling materials in plinth upto 200 mm loose with power roller 8 to 10 tonee capacity including artificial watering etc. complete as directed.[Rd.38/210]											Sqm
Main bldg.	1	X	2	X	21.67	X	15.28			=	662.24
									Total	662.24	
									Say	<b>662.24</b>	Sqm
30 Providing & laying <b>stone metal layer</b> of 20 cm thickness with 60 mm over size metal 65% and 40 mm size metal 35% with sand or stone chips spreading & leveling handpacking complete.[Rd.22/201,Rd.20/200 & Rd.20/205 ]											Cum
Main bldg.	1	X	1	X	21.67	X	15.28	X	0.20	=	66.22
Main bldg. Inner Periferi	1	X	2	X	21.67	X	0.60	X	0.55	=	14.30
	1	X	2	X	15.28	X	0.60	X	0.55	=	10.08
									Total	90.61	
									Say	<b>90.61</b>	Cum
31 <b>Compacting oversize &amp; size metal layers</b> combindaly with power roler not less than 8 tonnes including artificial watering & leveling etc. complete as directed (Rd.35/209)											Sqm
Main bldg.	1	X	1	X	21.67	X	15.28			=	331.12
									Total	331.12	
									Say	<b>331.12</b>	Sqm
32 Providing and laying in situ cement concrete M20 with tremix treatment for 100 mm thickness for flooring with											Sqm
Main bldg.	1	X	1	X	21.67	X	15.28	X	1.00	=	331.12
									Total	331.12	
									Say	<b>331.12</b>	Sqm
33 Providing treatment of <b>TREMIX vaccum dewatering</b> over prelaid cement concrete 1:2:4 surface including fixing of M.S.Channel formwork as per required size and placing of dowel rod, vibrating the concrete by needle vibrator and leveling by											Sqm
Main Bldg.	1	X	1	X	21.67	X	15.28			=	331.12
Provision									Total	331.12	
									Say	<b>331.12</b>	Sqm
34 Providing & fixing ISMC <b>150</b> with weight @ 16.80 Kgs/Rmt 20 mm dia & 0.50 m long bolts & nuts @											MT
<b>For Platforms</b>	2	X	1	X	8.70	X	16.80	Kg/M.		=	292.32
@ 12.10 kg/m											
Holdfasts 20 mm dia	20	X	6	X	0.60	X	2.50	Kg/M.		=	180.00
@ 2.50 kg/m											
L50x50x6 mm for fire bucket.										=	180.00
@ 4.50 kg/m									Total	652.32	
									Say	<b>0.65</b>	MT
35 Providing & Fixing in position <b>M.S. ladder</b> of 45 cms width made out 50 x 50 x 6 mm two angles for rails											RMT
Provision	1	X	1	X	8.00					=	8.00
									Total	8.00	
									Say	<b>8.00</b>	RMT
36 Providing and fixing lioghtening conductor system comprising of erecting Air-Termination consisting of tubular											Nos
For Main Bldg.	1	X	1	X	1.00					=	1.00
Provision									Total	1.00	
									Say	<b>1.00</b>	Nos

	Item Nos & Description of Items	NO.S				LENGT	BREDTH		DEPTH	TOTAL	Unit
37	Conveying the materials obtained from excavation including all lifts, laying in layers, breaking clods, dressing to										Cum
									Total	=	5.00
									Say	=	5.00
38	Providing pre-constructional Anti-termites treatment as per I.S. 6313 (Part-II) - 1973 by treating the top surface of										Sqm
	<b>Main Bldg.</b>	1	X	1	X	21.30	X	8.19		=	174.45
									Total	=	1.00
									Say	=	1.00
39	Providing and fixing in position powder coated aluminium louvered windows / ventilator of various sizes with										Sqm
	V1	2	X	8	X	0.60	X	0.60		=	5.76
	V2	2	X	15	X	1.00	X	0.60		=	18.00
									Total		23.76
									Say		23.80
	<b>Part - B :- PEB work</b>										
1	Above Plinth PEB Structure - providing & erecting PEB structure with Zinccalume sheets etc.complete.										Sq.M
		1	X	1	X	21.67	X	15.28		=	331.118
									Total	=	331.118
									Say	=	332
2	Turbo ventilator 24"										Nos
		2	X	3						=	6.00
									Total	=	6.00
									Say	=	6.00

600 MT Wh.building & other Ancillary work

Sub Work III :- Royalty Charges

Item . No.	Item No & Description of item	Executed Quantity	Quantity of Material for Royalty Cu. M										
			Cement in bags		SAND	Quantity	METAL	Quantity	MURU M	Quantity	RUBBLE	Quantity	
	<b>Sub Work :-I Const. of 600 MT WH Bldg.</b>												
11	Providing second class Burnt Brick	23	1.58	36.58	0.32	7.409							
19	Providing second class Burnt Brick	4	1.58	6.14	0.32	1.244							
21	Providing sand faced plaster externally in	320	0.17	54.39	0.03	9.598							
23	Providing internal cement plaster 12 mm	231	0.17	39.29	0.03	6.933							
24	Providing internal cement plaster 20mm	67	0.22	14.63	0.03	1.995							
31	Providing Hard Murum cohesive non-	281							1.20	337.740			
33	Providing & laying stone metal layer of 20	91					1.32	119.606					
			<b>Total</b>	<b>151</b>		<b>27.179</b>		<b>119.606</b>		<b>337.740</b>			<b>0.000</b>

Royalty Charges Recovery Statements

Sr. No	Particular	Requar Quantity in Cum	Requar Quantity in Brass	Royal ty	Surchar ge	Distt. Mineral Founda tion Cess		Royalty Charges @ Rs SAND&144.160 Oth,Min
			2.83		2%	10%		237.18
1	SAND	27.18	27.18	211.95	4.24	21.20	237.390	6452.07
2	METAL Hand broken	119.61	119.61	211.95	4.24		216.189	25857.48
3	MURUM	337.74	337.74	211.95	4.24		216.189	73015.66
4	RUBBLE	0.00	0.00	211.95	4.24		216.189	0.00
							<b>Total Amount Rs.</b>	<b>105325.21</b>

Say Rs. 105325

**Sub work IV:- Material Lab Testing charges****600 MT Wh.building & other Ancillary work****Statement Showing the details of requirement of Lab. Tests to be carried out:-**

Sr. No.	Particulars	Quantity	Unit	Tests to be carried out	Nos. of tests	Rate per test	Amount	Remarks
1	Cement	9	MT	Fineness, Consistency, Setting Time, Compressive strength, Specific gravity.	2	7540	15080	one test per 1000 Bag
2	Concrete M-20		cum	i) Mix Design with all tests on basic materials	-	-	-	One set for mix design
				ii) Concrete cube compressive strength	6	1380	8280	Up to 50 Cum 4 & thereafter for each 50 Cum one additional set
				iii) Rebound hammer Test	0	250	0	
3	Bricks	27	cum	Water Absorption (Set of 5 Bricks), Compressive strength (Set of 5 Bricks),	1	1900	1900	one test per 50000 Nos. of bricks
4	Masonry stones	0	cum	Crushing value,/ compressive strength, water absorption, Specific Gravity.	1	1750	1750	one test per source
5	TMT steel bars	13.52	M.T.	Yield stress, ultimate tensile stress, elongation, weight per running meter.	1	3200	3200	1 test per 5.00 M.T. and one for each dia. Of use bar
6	Sand	27.18	cum	Fineness Modulus, silt content.	1	1950	1950	1 test per source
7	Murum	337.74	cum	i) Gradation	1	600	600	1 test per 400 Cum.
				ii) Atterberg Limit	1	1100	1100	1 test per 400 Cum.
				iii) Moisture content prior to compaction	1	800	800	1 test per 400 Cum.
				iv) Density of compacted layer	1	1000	1000	1 test per 1000 Sq.m
				v) Proctor Test	1	1650	1650	1 test per 3000 Cum.
				<b>TOTAL</b>			37310	

**600 MT Wh.building & other Ancillary work**

## RATE ANALYSIS SHEET

30.00 Providing Hard Murum cohesive non-swelling materials in plinth in layers of 20 cms etc. complete as directed. [ Only compacted thickness is payable ][Rd.23/202 &

Consider 1.00 cu m quantity

1 - Basic rate 25/383 1.00 316.00 316.00

2 - Lead Charges 5.00 252.00 252.00

3 - Spreading charges 9 0.00 49.00 0.00

Total Rs 568.00

4 - For compaction 20 % OF H.M.cost

Grand total Rs. 575.86

Deduction for stacking charges

I N 3/255 1.20 0.00 0.00

Net Rs 568.00

**Therefore rate per cu m will be say 568.00**  
**Rs**

Item No Providing & laying stone metal layer of 20 cm thickness with 60 mm over size metal 65% and 40 mm size metal 35% with sand or stone chips spreading & leveling

32.00 P oversize & size metal filling in plinth

Consider 1.00 cu m quantity of 80 mm O.S.metal

1 - Basic rate 1.00 885.00 885.00

2 - Lead Charges 7.00 252.20 252.20

3 - Spreading charges 0.00 49.00 0.00

Total Rs 1137.20

4 - Add for compaction 15 % 0.00

Grand Total Rs. 1137.20

Deduction for stacking charges

2./255 1.32 0.00 0.00

Net Rs 1137.20

**Therefore rate per cu m will be say 1137.20 457.72**  
**Rs**

Consider 1.00 cu m quantity of 40 mm O.S.metal

1 - Basic rate 1.00 885.00 885.00

lead charges- 1.00 252.20 252.20

3 - Spreading charges	0.00	<b>49.00</b>	0.00
Total Rs			1137.20
4 - Add for compaction 15			170.58
Grand Total Rs.			1307.78
Deduction for stacking charges			
2./255	1.32	0.00	0.00
Net Rs			1307.78
Therefore rate per cu m will be say Rs			1307.78      457.72

1196.90

Say Rs

**1196.90**

**Item Providing treatment of TREMIX vaccum dewatering over prelaid cement**

35.00 Laying charges for form work, running vibrator,

laying suction matt, dewatering etc.

Consider 1.0 sq m area

1 - Market rate as per .q	1.00	<b>55.00</b>	50.00			
2 - Transportation charg	0.00	<b>0.83</b>	0.00	2000.0	2406.69	0.83
3- Generator Hire charg	0.00	<b>4.16</b>	0.00	5.00	2000.00	10000.00
Total Rs.			50.00			
4. Diesel charges 5 day	0.00	<b>1.88</b>	0.00	100.00	45.24	4524.00
5 - Overheads & contractors pfofit 10 %			0.00			
Grand Total Rs.			50.00			
Therefore rate per sq m will be say Rs			<b>50.00</b>			