RECAP SHEET

Based On E SSR 22-23

PARTICULARS	(Сар.	Unit		AMOUNT	1200 Cost per MT	
Sub Work :-I Const. of 1200 MT WH Bldg.	1	1200	MT	Rs	13838234	11532	Cost per MT
Sub Work II :- Electification			2.0%	Rs	276765		
Sub Work III :- Royalty Charges				Rs	228899		
Sub work IV:- Material Lab Testing charges				Rs	45590		
	TOTAL	COST			14389487	11991	Cost per MT
		Say			14400000		1,11

ABSTRACT SHEET

	Sub Work :-I Const. of 1200 MT WH													
I.	DESCRIPTON OF ITEM	QTY.	UNIT	I.N./ P.N	BASIC RATE	LEAD CH	ARGES	TS &	TOTAL	Add 0 %	TOTAL OF	ADD %	TOTAL OF	AMOUNT
						SAND	METAL	R.A.		C Area	RATES		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
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	212.32	Cum	21.02/189	207.00						207.00		207.00	43,951.07
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	77.28	Cum	21.06/190	227.00						227.00		227.00	17,542.56
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	46.37	Cum	21.08/154	284.00						284.00		284.00	13,168.51

I.	DESCRIPTON OF ITEM	QTY.	UNIT	I.N./ P.N	BASIC RATE	LEAD CH		TS &	TOTAL	Add 0 %	TOTAL OF		TOTAL OF	AMOUNT
_						SAND	METAL	R.A.		C Area	RATES	FOR CHARGE	RATES	
						HM	Bricks			Charges	6 TO 11	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
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)	125.00	Cum	24.01/175	5,830.00					(126.00)	5,704.00		5,704.00	713,000.00

I.	DESCRIPTON OF ITEM	QTY.	UNIT	I.N./ P.N	BASIC RATE	LEAD CH	IARGES	TS &	TOTAL	Add 0 %	TOTAL OF	ADD %	TOTAL OF	AMOUNT
_						SAND	METAL	R.A.		C Area	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
1:	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.	36.00	Cum	27.01/197	7,755.00						7,755.00		7,755.00	279,214.90
	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	35.50	МТ	26.33/188	89,703.00						89,703.00		89,703.00	3,184,456.50
113	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)	60	Cum	25.11/178	7,104.00					(126.00)	6,978.00		6,978.00	418,680.00

I.	DESCRIPTON OF ITEM	QTY.	UNIT	I.N./ P.N	BASIC RATE	LEAD CH	IARGES	TS &	TOTAL	Add 0 %	TOTAL OF	ADD %	TOTAL OF	AMOUNT
						SAND	METAL	R.A.		C Area	RATES		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
144	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)	23.00	Cum	25.31/179	13,783.00					(126.00)	13,657.00		13,657.00	314,111.00
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	67.00	Cum	25.50/181	12,269.00					(126.00)	12,143.00		12,143.00	813,581.00
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	3.74	Cum	25.70/182	13,932.00					(126.00)	13,806.00		13,806.00	51,689.66

I.	DESCRIPTON OF ITEM	OTY.	UNIT	I.N./ P.N	BASIC RATE	LEAD CH	IARGES	TS &	TOTAL	Add 0 %	TOTAL OF	ADD %	TOTAL OF	AMOUNT
						SAND	METAL	R.A.		C Area	RATES		RATES	
						НМ	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
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	7.20	Cum	25.70/182	13,932.00					(126.00)	13,806.00		13,806.00	99,403.20
	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	85.00	Cum	24.16/177	6,359.00						6,359.00		6,359.00	540,515.00
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.	456.83	Sqm	32.11/209	639.00						639.00		639.00	291,911.81
	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.	345.55	Sqm	32.04/209	278.00						278.00		278.00	96,061.51
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.	103.23	Sqm	32.04/209 /32.21/210	350.00						350.00		350.00	36,130.50
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.	380.65	Sqm	36.03/227	12.00						12.00		12.00	4,567.84

I.	DESCRIPTON OF ITEM	QTY.	UNIT	I.N./ P.N	BASIC RATE	LEAD CH		TS &	TOTAL	Add 0 %	TOTAL OF		TOTAL OF	AMOUNT
_						SAND	METAL	R.A.		C Area	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
23	Providing and applying two coats of exterior acraylic 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.	409.00	Sqm	35.25/225	261.00					-	261.00		261.00	106,749.00
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)	24.00	Sqm	35.11/224	88.00						88.00		88.00	2,112.00
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. (L.S. 62481979) (Without mechanical gear)	21.42	Sqm	39.24/248	4,829.00						4,829.00		4,829.00	103,437.18
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.	49.68	Sqm	40.01/264	2,097.00						2,097.00		2,097.00	104,178.96
27	Filling in plinth with approved excavated stuff obtained from departmental land including watering, compacting etc. complete as	128.57	Cum	21.36/157	120.00						120.00		120.00	15,427.91

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						SAND	METAL	R.A.		C Area	RATES	FOR CHARGE	RATES	
						HM	Bricks			Charges	6 TO 11	S	6 TO 14	
										0.000		0.0000		
	2	3	4	5	6	7	8	10	11	12	13	14	15	16
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].	642.83	Cum	RA	568.00						568.00		568.00	365,127.21
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	1285.66	Sqm	2.31/25	21.00						21.00		21.00	26,998.84
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]	183.62	Cum	RA	1,196.00						1,196.00		1,196.00	219,611.82
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)	642.83	Sqm	MR	805.00						805.00		805.00	517,477.83
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.	642.83	Sqm	33.30/216	796.00					(126.00)	670.00		670.00	430,695.83
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	642.83	Sqm	R A	50.00						50.00		50.00	32,141.48
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	1.50	МТ	23.01/173	101,844.00						101,844.00		101,844.00	152,766.00
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	OTY.	UNIT	I.N./ P.N	BASIC RATE	LEAD CH	IARGES	TS &	TOTAL	Add 0 %	TOTAL OF	ADD %	TOTAL OF	AMOUNT
Ξ						SAND	METAL	R.A.		C Area	RATES	FOR	RATES	
						HM	Bricks			Charges	6 TO 11	CHARGE	6 TO 14	
										ŭ		S		
	2	3	4	5	6	7	8	10	11	0.000	13	0.0000 14	15	16
_	Providing and fixing lioghtening conductor		-		0			10	- 11	12	13	14	13	10
366	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 alternate 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 refilling comcpete 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 excavation to the site of dep	5.00	Cum	2.25/24	195.00						195.00		195.00	975.00
38	Providing pre-constructional 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.	49.70	sq m	39.68/259	3,467.00						3,467.00		3,467.00	172,309.90

I.	DESCRIPTON OF ITEM	QTY.	UNIT	I.N./ P.N	BASIC RATE	LEAD CH	ARGES	TS &	TOTAL	Add 0 %	TOTAL OF	ADD %	TOTAL OF	AMOUNT
						SAND	METAL	R.A.		C Area	RATES	FOR	RATES	
						НМ	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
	PEB Structure													
	Above Plinth PEB Structure - providing & errecting PEB structure with Zinccalume sheets etc.complete.	643.00	Sq.M	MR	7,000.00						7,000.00		7,000.00	4,501,000.00
2	Turbo ventilator 24"	14.00	Nos	42 /529	9,702.00						9,702.00		9,702.00	135,828.00
	TOTAL FOR W.H.BLDG													13,838,234.02

		ME	ASU	JRE	EMENT	SH	EET				
CAPACITY	1200	MT			SIZ	Æ					
LONG WALLS2	OUTER		1	X	42.530	X	15.740		669.42		
SHORT WALLS2	INNER		1	X	42.07	X	15.28		642.83		
									Av.		
FOUNDATION DEPTHS									Depth		
1 EARTH SOIL 0 TO 1.50									1.00		
2 EARTH SOIL 1.50 to 3.00									0.00		
3 H.M. (0 to 1.50)									0.60		
4 H.M. (1.50 to 3.00)									0.20		
5 H.M.& BOULDER 0 TO 1.50									0.00		
6 H.M.& BOULDER 1.50 to 3.00									0.00		
7 SOFT ROCK									0.00		
8 HARD ROCK									0.00		
							TOTAL		1.80		
CUTTING IN PLINTH									0.15		
As per vision at site											
Ex. Column Footings											
Column C1,C8,C13,C20	2	X	2	X	2.80	X	2.30				
Column No.C2,C3,C4,C5,C6,C7,C14,C15, C16,C17,C18,C19	2	X	6	X	2.80	X	2.30				
Column No. C9,C10,C11,C12	2	X	2	X	2.80	X	2.30	П			\neg
Column No. C29,C30,C31,C32	2	X	4	X	2.80	X	2.30	+	-		
Column Platform (CP)	2	X	4	X	2.80	X	2.30	+			
C21,C22,C23,C24,C25,C26,C27,C	-		·		2.00		2.50				
Ex. Ground Beam PANEL											
Longwall	2	X	7	X	6.00	X	0.70				
Gable wall	2	X	3	X	5.05	X	0.70				
APRON long	1	X	1	X	45.63	X	1.28				
APRON short	1	X	1	X	17.74	X	1.28				
Column Nos. & Size											
Column C1,C8,C13,C20	2	X	2	X	0.48	X	0.60	X	3.00		
Column	2	X	6	X	0.35	X	0.60	X	3.00		
Column No. C9,C10,C11,C12	2	X	2	X	0.32	X	0.53	X	3.00		
Column No. C29,C30,C31,C32	2	X	4	X	0.15	X	0.23	X	3.00		
Column Platform (CP)	2	X	4	X	0.30	X	0.53	X	3.00		
PCC, Tarfelt, BBM, BEAMS PAN	ELS										
Longwall	2	X	7	X	6.00	X	0.70	Ш			
Gable wall	2	X	3	X	5.05	X	0.70				
PB 1	1	X	1	X	5.00	X	0.35	X	0.60		
PB2	1	X	1	X	5.00	X	0.30	X	0.60		
PB3	1	X	3	X	1.20	X	0.30	X	0.60		
Rolling shutters	1	X	1	X	2.10			X	2.55		
V1	2	X	24	X	0.60			X	0.60		
V2	2	X	27	X	1.00			X	0.60		
TK. OF C.C. FLOORING					0.10						
Plat From	1	X	1	X	7.20			X	1.80		
Turbo @ Roffing	2	X	3								
								П			
								П			
	1200 MT V	Vh.bu	ildir	ıg &	other An	cilla	ry work			•	
Sub Work :-I Const. of 1200MT W	VH Bldg.										-
		М	EAS	URI	EMENT S	SHE	ET	1			

	1	NO.S	_	1	LENGT		BREDTH		DEPTH		TOTAL	
	1	X	2						HIGHT		QUANTITY	
		<u> </u>										
Encounties for foundation in cont	h asil af a	11 4		1	1 -		-6	i1			- 41	Cı
Excavation for foundation in eart excavated material up to a distar					-				-		-	Ci
dewatering, preparing the bed for					-			-		_		
and strutting etc. complete. (Lift					•		8,	0,	8			
	,		1		1	1	1		1		T	
Column footing		1							1.00			
Column C1,C8,C13,C20	2	X	2	X	2.80	X	2.30	X	1.00	=	25.76	
Column No.C2,C3,C4,C5,C6,C7,C14,C15,	2	X	6	X	2.80	X	2.30	X	1.00	=	77.28	
C16,C17,C18,C19												
Column No. C9,C10,C11,C12	2	X	2	X	2.80	X	2.30	X	1.00	=	25.76	
Column No. C29,C30,C31,C32	2	X	4	X	2.80	X	2.30	X	0.00	=	0.00	
Column Platform (CP)	2	X	4	X	2.80	X	2.30	X	1.00	=	51.52	
For Ground Beam PANEL												
Longwall	2	X	7	X	6.00	X	0.40	X	0.70	=	23.52	
Gable wall	2	X	3	X	5.05	X	0.40	X	0.70	=	8.48	
									Total		212.32	
		\perp						<u> </u>	say		212.32	Cι
	<u> </u>	<u> </u>						<u> </u>				
Excavation for foundation in eart												Cι
excavated material upto a dista							-		-			
directed, dewatering, preparing th							•		0.		ring	
including shoring and strutting	etc. compl	ete.	(Lift	froi	m 1.5m	to	3.0m) By M	lech	anical M	eans		
Column footing				1		1		1		l		
Column footing	 	v	2	v	2.00	v	2.20	v	0.00		0.00	
Column C1,C8,C13,C20 Column	2	X	6	X	2.80	X	2.30	X	0.00	=	0.00	
No.C2,C3,C4,C5,C6,C7,C14,C15,	2	Λ	0	Λ	2.80	Λ	2.30	Λ	0.00	=	0.00	
C16,C17,C18,C19												
Column No. C9,C10,C11,C12	2	X	2	X	2.80	X	2.30	X	0.00	=	0.00	
Column No. C29,C30,C31,C32	2	X	4	X	2.80	X	2.30	X	0.00	=	0.00	
Column Platform (CP)	2	X	4	X	2.80	X	2.30	X	0.00	=	0.00	
For Ground Beam PANEL												
Longwall	2	X	7	X	6.00	X	0.70	X	0.00	=	0.00	
	2	X	3	X	505	X	0.70	X	0.00	=	0.00	
Gable wall		Λ	-	2.1	5.05			_				
	2	Λ		71	5.05					=	0.00	
Gable wall									say	=	1.00	Cı
			ng re					ıl uj	•	=	1.00	-
Gable wall Excavation for foundation in hard beyond the building area and sta	d murum in	cludin	ing a	mov as di	ing the e	ewat	vated materia	ring	oto distar	= ice of	1.00 of 50 metres the	-
Gable wall Excavation for foundation in hard beyond the building area and sta foundation and necessary back fi	d murum in	cludin	ing a	mov as di	ing the e	ewat	vated materia	ring	oto distar	= ice of	1.00 of 50 metres the	-
Gable wall Excavation for foundation in hard beyond the building area and state foundation and necessary back fit 1.50 m) By Mechanical Means	d murum in	cludin	ing a	mov as di	ing the e	ewat	vated materia	ring	oto distar	= ice of	1.00 of 50 metres the	-
Gable wall Excavation for foundation in hard beyond the building area and state foundation and necessary back fit 1.50 m) By Mechanical Means Column footing	d murum in acking and s	cluding spreading, w	ing a	mov as di ing i	ing the e irected, d ncluding	excav ewat shor	vated materia tering, prepa ring and stru	ring ıttin	oto distan the bed g etc. cor	= for t	1.00 of 50 metres he e. (Lift upto	-
Gable wall Excavation for foundation in hard beyond the building area and state foundation and necessary back fit.50 m) By Mechanical Means Column footing Column C1,C8,C13,C20	d murum in cking and s lling, rammi	cluding spreading, w	ing avateri	emovas di	ing the edirected, described including	excav ewat shor	vated materia tering, prepa ring and stru 2.30	ring ittin	the bed g etc. cor	= for templet	1.00 of 50 metres he e.e. (Lift upto	Cı
Gable wall Excavation for foundation in hard beyond the building area and state foundation and necessary back fit 1.50 m) By Mechanical Means Column footing	d murum in acking and s	cluding spreading, w	ing avateri	mov as di ing i	ing the e irected, d ncluding	excav ewat shor	vated materia tering, prepa ring and stru	ring ıttin	the bed g etc. cor	= for t	1.00 of 50 metres he e. (Lift upto	-
Gable wall Excavation for foundation in hard beyond the building area and state foundation and necessary back fit.50 m) By Mechanical Means Column footing Column C1,C8,C13,C20 Column	d murum in cking and s lling, rammi	cluding spreading, w	ing avateri	emovas di	ing the edirected, described including	excav ewat shor	vated materia tering, prepa ring and stru 2.30	ring ittin	the bed g etc. cor	= for templet	1.00 of 50 metres he e.e. (Lift upto	-
Gable wall Excavation for foundation in hard beyond the building area and state foundation and necessary back fi 1.50 m) By Mechanical Means Column footing Column C1,C8,C13,C20 Column No.C2,C3,C4,C5,C6,C7,C14,C15,	d murum in cking and s lling, rammi	cluding spreading, w	ing avateri	emovas di	ing the edirected, described including	excav ewat shor	vated materia tering, prepa ring and stru 2.30	ring ittin	the bed g etc. cor	= for templet	1.00 of 50 metres he e.e. (Lift upto	-
Gable wall Excavation for foundation in hard beyond the building area and sta foundation and necessary back fi 1.50 m) By Mechanical Means Column footing Column C1,C8,C13,C20 Column No.C2,C3,C4,C5,C6,C7,C14,C15,C16,C17,C18,C19	d murum in cking and silling, rammi	cluding spreading, w	vateri	emove as di ang i	ing the errected, d ncluding 2.80 2.80	excave ewat short	erated material tering, preparing and structure and struct	ring ittin X X	the bed g etc. cor 0.60	= ce of for templet	1.00 ff 50 metres he ee. (Lift upto 15.46 46.37	-
Gable wall Excavation for foundation in hard beyond the building area and sta foundation and necessary back fi 1.50 m) By Mechanical Means Column footing Column C1,C8,C13,C20 Column No.C2,C3,C4,C5,C6,C7,C14,C15,C16,C17,C18,C19 Column No. C9,C10,C11,C12	d murum in cking and s lling, rammi	cluding preading, w	ing avateri	move as diving i	ing the e irrected, d ncluding 2.80 2.80	xxcav ewat shor	vated materia tering, prepa ring and stru 2.30 2.30	ring uttin X X	the bed g etc. cor 0.60 0.60	= contact of the second	1.00 f 50 metres he e. (Lift upto 15.46 46.37	-
Gable wall Excavation for foundation in hard beyond the building area and sta foundation and necessary back fi 1.50 m) By Mechanical Means Column footing Column C1,C8,C13,C20 Column No.C2,C3,C4,C5,C6,C7,C14,C15,C16,C17,C18,C19 Column No. C9,C10,C11,C12 Column No. C29,C30,C31,C32	d murum in cking and silling, rammi	cluding spreading, w	2 6	movvas di	2.80 2.80	xcav ewat shor	vated materia tering, prepa ring and stru 2.30 2.30 2.30 2.30	x X X	0.60 0.60 0.00	= = for t mplet = = = = = = = = = = = = = = = = = = =	1.00 f 50 metres he e. (Lift upto 15.46 46.37	-
Gable wall Excavation for foundation in hard beyond the building area and state foundation and necessary back fit.50 m) By Mechanical Means Column footing Column C1,C8,C13,C20 Column No.C2,C3,C4,C5,C6,C7,C14,C15,C16,C17,C18,C19 Column No. C9,C10,C11,C12 Column No. C29,C30,C31,C32 Column Platform (CP)	d murum in cking and silling, rammi	cluding spreading, w	2 6	movvas di	2.80 2.80	xcav ewat shor	vated materia tering, prepa ring and stru 2.30 2.30 2.30 2.30	x X X	0.60 0.60 0.00	= = for t mplet = = = = = = = = = = = = = = = = = = =	1.00 f 50 metres he e. (Lift upto 15.46 46.37	-
Gable wall Excavation for foundation in hard beyond the building area and state foundation and necessary back fit.50 m) By Mechanical Means Column footing Column C1,C8,C13,C20 Column No.C2,C3,C4,C5,C6,C7,C14,C15,C16,C17,C18,C19 Column No. C9,C10,C11,C12 Column No. C29,C30,C31,C32 Column Platform (CP) For Ground Beam PANEL	d murum in cking and s lling, rammi	x X X X X X X	2 6 4 4	mov x X X	2.80 2.80 2.80 2.80	xxcav ewat shor	2.30 2.30 2.30 2.30 2.30	ring X X X	0.60 0.60 0.60 0.60	= = ccc cfor tmplet	1.00 f 50 metres he e. (Lift upto 15.46 46.37 15.46 0.00 0.00	-
Gable wall Excavation for foundation in hard beyond the building area and state foundation and necessary back fit.50 m) By Mechanical Means Column footing Column C1,C8,C13,C20 Column No.C2,C3,C4,C5,C6,C7,C14,C15,C16,C17,C18,C19 Column No. C9,C10,C11,C12 Column No. C29,C30,C31,C32 Column Platform (CP) For Ground Beam PANEL Longwall	d murum in cking and s lling, rammi	cluding pread ing, w	2 6 2 4	mov mas di X X X X X X X X	2.80 2.80 2.80 2.80	xcavewat short	2.30 2.30 2.30 2.30 0.70	x X X X X X X X	0.60 0.60 0.60 0.00	= = ce c for t mplet	1.00 f 50 metres he e. (Lift upto 15.46 46.37 15.46 0.00 0.00	-
Gable wall Excavation for foundation in hard beyond the building area and state foundation and necessary back fit.50 m) By Mechanical Means Column footing Column C1,C8,C13,C20 Column No.C2,C3,C4,C5,C6,C7,C14,C15,C16,C17,C18,C19 Column No. C9,C10,C11,C12 Column No. C29,C30,C31,C32 Column Platform (CP) For Ground Beam PANEL Longwall	d murum in cking and s lling, rammi	cluding pread ing, w	2 6 2 4	mov mas di X X X X X X X X	2.80 2.80 2.80 2.80	xcavewat short	2.30 2.30 2.30 2.30 0.70	x X X X X X X X	0.60 0.60 0.60 0.00 0.00	= = = = = = = = = = = = = = = = = = =	1.00 f 50 metres he e. (Lift upto 15.46 46.37 15.46 0.00 0.00 0.00 0.00	-
Gable wall Excavation for foundation in hard beyond the building area and state foundation and necessary back find 1.50 m) By Mechanical Means Column footing Column C1,C8,C13,C20 Column No.C2,C3,C4,C5,C6,C7,C14,C15,C16,C17,C18,C19 Column No. C9,C10,C11,C12 Column No. C29,C30,C31,C32 Column Platform (CP) For Ground Beam PANEL Longwall Gable wall Excavation for foundation in Hard	d murum in cking and silling, rammi	x X X X X X X X X X X X X X X X X X X X	2 6 2 4 4 7 3 mg re	movemov X X X X X X X X X X X X X X X X X X	2.80 2.80 2.80 2.80 5.05	xxcavewat short	2.30 2.30 2.30 2.30 0.70 0.70 vated materia	ring X X X X X X X A A A A A A A A A A A A	0.60 0.60 0.60 0.00 0.00 0.00 Total say	= = = = = = = = = = = = = = = = = = =	1.00 15.00 15.00 15.46 15.46 0.00 0.00 0.00 77.28 77.28 e of 50	Cı
Gable wall Excavation for foundation in hard beyond the building area and state foundation and necessary back fit.50 m) By Mechanical Means Column footing Column C1,C8,C13,C20 Column No.C2,C3,C4,C5,C6,C7,C14,C15,C16,C17,C18,C19 Column No. C9,C10,C11,C12 Column No. C29,C30,C31,C32 Column Platform (CP) For Ground Beam PANEL Longwall Gable wall Excavation for foundation in Harmetres beyond the building area	d murum in cking and s lling, rammi	x x x x x x x x x x x x x x x x x x x	2 6 2 4 4 7 3 spreads	mov as di ng i X X X X X X	2.80 2.80 2.80 2.80 2.80 2.80 2.80 2.80	xxcavewat short	2.30 2.30 2.30 2.30 0.70 0.70 vated materia, dewatering, preparing and structure of the control	x X X X X X X X X X X X X X X X X X X X	0.60 0.60 0.00 0.00 Total say pto a disreparing the	= core control for the control	1.00 15.00 15.00 15.46 15.46 0.00 0.00 0.00 77.28 77.28 e of 50 ped for the	Cı
Gable wall Excavation for foundation in hard beyond the building area and state foundation and necessary back find 1.50 m) By Mechanical Means Column footing Column C1,C8,C13,C20 Column No.C2,C3,C4,C5,C6,C7,C14,C15,C16,C17,C18,C19 Column No. C9,C10,C11,C12 Column No. C29,C30,C31,C32 Column Platform (CP) For Ground Beam PANEL Longwall Gable wall Excavation for foundation in Hard	d murum in cking and s lling, rammi	x x x x x x x x x x x x x x x x x x x	2 6 2 4 4 7 3 spreads	mov as di ng i X X X X X X	2.80 2.80 2.80 2.80 2.80 2.80 2.80 2.80	xxcavewat short	2.30 2.30 2.30 2.30 0.70 0.70 vated materia, dewatering, preparing and structure of the control	x X X X X X X X X X X X X X X X X X X X	0.60 0.60 0.00 0.00 Total say pto a disreparing the	= core control for the control	1.00 15.00 15.00 15.46 15.46 0.00 0.00 0.00 77.28 77.28 e of 50 ped for the	Cı

Item Nos & Description of Items		IO.S			LENGT		BREDTH		DEPTH		TOTAL	Uni
Column No.C2,C3,C4,C5,C6,C7,C14,C15, C16,C17,C18,C19	2	X	6	X	2.80	X	2.30	X	0.20	=	15.46	
Column No. C9,C10,C11,C12	2	X	2	X	2.80	X	2.30	X	0.20	=	5.15	
Column No. C29,C30,C31,C32	2	X	4	X	2.80	X	2.30	X	0.20		10.30	
	-							X		=		
Column Platform (CP)	2	X	4	X	2.80	X	2.30	Х	0.20	=	10.30	
For Ground Beam PANEL												
Longwall	2	X	7	X	6.00	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		46.37	Cum
5 Excavation for foundation in har distance 50 metres, beyond the bed for the foundation and nece complete. (Lift upto 1.5m.) By M	building area ssary back fi	and illing,	stacl	king	and spre	adir	ng as directed	d, c	lewatering	g, pre	paring the	Cum
Column C1,C8,C13,C20	2	X	2	X	2.80	X	2.30	X	0.00	=	0.00	
Column No.C2,C3,C4,C5,C6,C7,C14,C15, C16,C17,C18,C19	2	X	6	X	2.80	X	2.30	X	0.00	=	0.00	
Column No. C9,C10,C11,C12	2	X	2	X	2.80	X	2.30	X	0.00	=	0.00	
Column No. C29,C30,C31,C32	2	X	4	X	2.80	X	2.30	X	0.00	=	0.00	
Column Platform (CP)	2	X	4	X	2.80	X	2.30	X	0.00	=	0.00	
For Ground Beam PANEL	<u> </u>	+		Ť		Ť		Ť		 	*	1
Longwall	2	X	7	X	6.00	X	0.70	X	0.00		0.00	
Gable wall	2	X	3	X	5.05	X	0.70	X	0.00		0.00	<u> </u>
Gable wall	2	Λ	3	Λ	3.03	Λ	0.70	Λ		=		-
									Total		1.00	<u> </u>
									say		1.00	Cum
6 Excavation for foundation in Ha	rd murum aı	nd bo	ulder	s in	cluding re	emo	ving the exc	ava	ted mater	ial u	pto a	Cum
Column footing												
Column C1,C8,C13,C20	2	X	2	X	2.80	X	2.30	X	0.00	=	0.00	
Column No.C2,C3,C4,C5,C6,C7,C14,C15, C16,C17,C18,C19	2	X	6	X	2.80	X	2.30	X	0.00	=	0.00	
Column No. C9,C10,C11,C12	2	X	2	X	2.80	X	2.30	X	0.00	=	0.00	
Column No. C29,C30,C31,C32	2	X	4	X	2.80	X	2.30	X	0.00	=	0.00	
Column Platform (CP)	2	X	4	X	2.80	X	2.30	X	0.00	=	0.00	
Column Thurstin (CT)					2.00		2.50		Total		1.00	
												Cum
55		<u> </u>	L.,			<u> </u>			Say	L	1.00	Cum
7 Excavation for roadway in earth,												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	bould	ler ir	ıcluc	ding dress	ing	section to the	he i	required g	grade	, camber and	Cum
For Wh bldg.	0.0	X	1.0	X	21.900	X	6.000	X	0.150	=	0.000	\perp
									TOTAL	=	1.00	
									SAY	=	1.00	Cum
	1	1										1
Providing and laying Cast in sit	u/Ready Mix	cem	ent c	conc	rete in M	[-10	of trap/ grai	nite	 quartzite	e/ gn	eiss metal	Cum
for foundation and bedding in compacting, roughening them if fully automatic micro processor mix plant (Pan mixer) etc. comp Bed concrete in WH.	cluding bail special finisl based PLC v	ing o h is t withou	out v to be at SC	water pro CAD	r, Steel wided, fir A enabled	cent nishi 1 re	ering, formy ing if require versible Drun	vorl ed a n T	c, laying/p nd curing	ump	ing, nplete, with	
Column footing		L^{-}	L	L^{-}	<u> </u>	L		L	<u> </u>	L		
Column C1,C8,C13,C20	2	X	2	х	2.80	X	2.30	X	0.10	=	2.58	
Column No.C2,C3,C4,C5,C6,C7,C14,C15, C16,C17,C18,C19	2	X	6	х	2.80	X	2.30	X	0.10	=	7.73	
Column No. C9,C10,C11,C12	2	X	2	х	2.80	X	2.30	X	0.10	=	2.58	+
		Λ	4	Α.	2.00	/ 1	2.50	∠1	0.10	_	2.50	1

Item Nos & Description of Items	N	O.S			LENGT		BREDTH		DEPTH		TOTAL	Unit
Column No. C29,C30,C31,C32	2	X	4	Х	2.80	X	2.30	X	0.10	=	5.15	
Column Platform (CP) C21,C22,C23,C24,C25,C26,C27,C 28	2	X	4	Х	2.80	X	2.30	X	0.10	=	5.15	
For Ground Beam PANEL												2.76
Longwall	2	X	7	X	6.00	X	0.40	X	0.10	=	3.36	2.70
Gable wall	2	X	3	X	5.05	X	0.40	X	0.10	=	1.21	1
									Total	=	124.18	
									say	=	125.00	Cum
Providing second class Burnt Bri foundations and plinth of inner v , striking joints on unexposed face	valls/ in plii	nth e	kterna	al w	alls inclu	ding	g bailing out	wa	ter manu	ally	6 in	Cum
For PANEL In Plinth												
Longwall	2	X	7	X	6.00	X	0.35	X	0.90	=	26.46	
Gable wall	2	X	3	X	5.05	X	0.35	X	0.90	=	9.54	
									Total	=	36.00	
									say	=	36.00	Cum
TMT Steel												
footings, foundations, slabs, beam arches etc. as per detailed design with wires or tack welding and	s, drawings	and	sche	dule	s. includii							
Footing	60.00											
Column	23.00											
Column Beams And Lintels	23.00 67.00											
Column Beams And Lintels weathersheds & canopies	23.00 67.00 3.74											
Column Beams And Lintels	23.00 67.00											
Column Beams And Lintels weathersheds & canopies	23.00 67.00 3.74 7.20	X	220		35407.68						35.408	
Column Beams And Lintels weathersheds & canopies	23.00 67.00 3.74	x To	220 otal		35407.68						35.408 35.408	
Column Beams And Lintels weathersheds & canopies	23.00 67.00 3.74 7.20	To	tal		35407.68						35.408 35.408 35.500	MT
Column Beams And Lintels weathersheds & canopies R.C.C.slab Footing	23.00 67.00 3.74 7.20	To sa	otal ay								35.408 35.500	
Column Beams And Lintels weathersheds & canopies R.C.C.slab	23.00 67.00 3.74 7.20 160.94 dy Mix cere raft, strig bailing sughening thel) etc. con Type mixes	nent p fou out e sur mplete	conciundat wa face	ions ter, if s ith	M-20 of grillage Steel c pecial fini fully auto	trap an ente	d footings or ering formwois to be prov tic micro pro	of ork, ideo oces	R.C.C. co laying/pu l (Exclue sor based	lumr impii ding l PL	35.408 35.500 uetal for as and ang cover C with out	MT
Column Beams And Lintels weathersheds & canopies R.C.C.slab Footing 13 Providing and laying in situ /Rea R.C.C. work in foundations lik steel stanchions etc. includin blocks, compaction and curing ro reinforcement and structural ste SCADA enabled reversible Drum aggregate (Crushed sand VSI Gra Column footing	23.00 67.00 3.74 7.20 160.94 ddy Mix cere raft, strij g bailing ughening thel) etc. con Type mixede)	nent p fou out e sur mpleter/ con	conciundation was face e, where the	ions ter, if s ith	M-20 of grillage Steel c pecial fini fully auto tch mix p	trap an eente ish oma plan	d footings or ering formwe is to be prov tic micro pro t (Pan mixer)	of ork, ideo oces eto	R.C.C. co laying/pu l (Exclue sor based e. comple	lumr impii ding l PL	35.408 35.500 tetal for as and ag cover C with out	
Column Beams And Lintels weathersheds & canopies R.C.C.slab Footing 13 Providing and laying in situ /Rea R.C.C. work in foundations lik steel stanchions etc. includin blocks, compaction and curing ro reinforcement and structural ste SCADA enabled reversible Drum aggregate (Crushed sand VSI Gra	23.00 67.00 3.74 7.20 160.94 dy Mix cere raft, strig bailing sughening thel) etc. con Type mixes	nent p fou out e sur mplete	conciundat wa face	ions ter, if s ith	M-20 of grillage Steel c pecial fini fully auto	trap an ente	d footings or ering formwois to be prov tic micro pro	of ork, ideo oces	R.C.C. co laying/pu l (Exclue sor based	lumr impii ding l PL	35.408 35.500 uetal for as and ang cover C with out	
Column Beams And Lintels weathersheds & canopies R.C.C.slab Footing 13 Providing and laying in situ /Rea R.C.C. work in foundations lik steel stanchions etc. includin blocks, compaction and curing ro reinforcement and structural ste SCADA enabled reversible Drum aggregate (Crushed sand VSI Gra Column footing	23.00 67.00 3.74 7.20 160.94 ddy Mix cere raft, strij g bailing ughening thel) etc. con Type mixede)	nent p fou out e sur mpleter/ con	concrindat wa face e, w necrete	ions ter, if s ith Ba	M-20 of grillage Steel c pecial fini fully auto tch mix p	trap an eente ish oma plan	d footings or ering formwe is to be prov tic micro pro t (Pan mixer)	of ork, ideo oces eto	R.C.C. co laying/pu l (Exclue sor based e. comple	lumr impii ding I PL ete. V	35.408 35.500 tetal for as and ag cover C with out	
Column Beams And Lintels weathersheds & canopies R.C.C.slab Footing 13 Providing and laying in situ /Rear R.C.C. work in foundations lik steel stanchions etc. includin blocks, compaction and curing reprinted to the stanchion of the structural steel of of the struct	23.00 67.00 3.74 7.20 160.94 ddy Mix cere raft, strij g bailing bailing bel) etc. con Type mixede) 2 2 2	Sissississississississississississississ	concrindat wa face 2	ions ter, if s ith Ba	M-20 of grillage Steel copecial finifully autoth mix	trap an ente ish oma plan	d footings oring formweis to be provided to the provided to the mixer)	of ork, ideo oces etc	R.C.C. co laying/pu 1 (Exclusion based completed of the completed of the c	lumr impin ding I PL ete. V	35.408 35.500 Lettal for as and ang cover C with out With fine	
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Item Nos & Description of Items		NO.S			LENGT		BREDTH				ita/ amaiaa	C
Providing and laying Cast in s	•							_			_	Cum
metal for R.C.C. columns as per												,
cover blocks, laying/pumping, con	•		-									
minimum thickness to give a smooth					-	_				-		
curing etc. complete,(Excluding												
PLC with Out SCADA enabled			• •	mıx	er/ concr	ete .	Baten mix p	nant	(Pan m	(xer	etc.	
complete. With fine aggregate (Carade)	rusned sand	1 V S1										
		1	1	1 1		1						-
Column up to plinth	_											
Column C1,C8,C13,C20	2	X	2	X	0.48	X	0.60	X	2.15	=	2.48	
Column	2	X	6	X	0.35	X	0.60	X	2.15	=	5.42	
No.C2,C3,C4,C5,C6,C7,C14,C15,												
C16,C17,C18,C19												
Column No. C9,C10,C11,C12	2	X	2	X	0.32	X	0.53	X	2.15	=	1.46	
Column No. C29,C30,C31,C32	2	X	4	X	0.15	X	0.23	X	0.00	=	0.00	
Column Platform (CP)	2	X	4	X	0.30	X	0.53	X	2.15	=	2.73	4.4
Column above plinth	_	+										1
	2	v	2	X	0.20	v	0.20	X	2.00		1.00	
Column C1,C8,C13,C20		X	2	_	0.30	X	0.30	+	3.00	=	1.08	+
Column	2	X	6	X	0.30	X	0.30	X	3.00	=	3.24	
No.C2,C3,C4,C5,C6,C7,C14,C15,												
C16,C17,C18,C19	1	***	_	37	0.20	3.7	0.20	37	2.00	-	1.00	1
Column No. C9,C10,C11,C12	2	X	2	X	0.30	X	0.30	X	3.00	=	1.08	-
Column No. C29,C30,C31,C32	2	X	4	X	0.15	X	0.23	X	3.00	=	0.83	
Column Platform (CP)	2	X	4	X	0.30	X	0.53	X	3.00	=	3.82	
									Total		22.13	
									say		23.00	Cum
Beams And Lintels										Ħ		
metal for R.C.C. beams and centering, formwork, cover block to be provided and curing etc. automatic micro processor based mix plant (Pan mixer) etc. compl	cs, laying/p complete. d PLC wit	oumpii (Exc thout	ng, c cludir SCA	comp ng r DA	einforcen enabled	d ro nent reve	ughening the and structurersible Drum	e su al s Typ	rface if steel). w	spec ith f	ial finish i ully	
centering, formwork, cover block to be provided and curing etc. automatic micro processor based mix plant (Pan mixer) etc. compl	cs, laying/p complete. d PLC wit	oumpii (Exc thout	ng, c cludir SCA	comp ng r DA	einforcen enabled	d ro nent reve	ughening the and structurersible Drum	e su al s Typ	rface if steel). w	spec ith f	ial finish i ully	
centering, formwork, cover block to be provided and curing etc. automatic micro processor based mix plant (Pan mixer) etc. compl Ground Beam	ss, laying/p complete. I PLC wit lete. With t	(Exception (Exception))	ng, celudin SCA ggreg	comp ng r DA gate	einforcen einforcen enabled (Crushed	d ro nent reve sand	ughening the and structurersible Drum I VSI Grade	e su ral s Typ	rface if steel). w be mixer/	spec ith f	ial finish i fully crete Batch	
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centering, formwork, cover block to be provided and curing etc. automatic micro processor based mix plant (Pan mixer) etc. complements of the comp	as, laying/p complete. If PLC with the letter	Execution (Execution of Execution of Executi	7 3 0 2 2 3 1 1 2 2 2 4 7 3 3	ompping r DA sate x X X X X X X X X X X X X X X X X X X	6.00 5.05 4.45 6.00 1.20 4.94 1.50 7.20 5.05	x x x x x x x x x x x x x x x x x x x	0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.35	x x x x x x x x x x x x x x x x x x x	0.60 0.60 0.60 0.60 0.15 0.15 0.15 0.45 0.45	spec spec spec spec spec spec spec spec	17.64 6.36 0.00 5.04 5.04 0.76 0.31 0.08 6.85 2.53 3.78 13.61 4.09 66.09 67.00	Cum
centering, formwork, cover block to be provided and curing etc. automatic micro processor based mix plant (Pan mixer) etc. complements of the comp	as, laying/p complete. If PLC with the letter	Execute of the control of the contro	7 3 0 2 2 3 1 1 2 2 2 4 7 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	compagn r DA sate sate sate sate sate sate sate sate	6.00 5.05 4.45 6.00 1.20 4.94 1.50 7.20 5.05	of to	0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.35	x x x x x x x x x x x x x x x x x x x	0.60 0.60 0.60 0.60 0.15 0.15 0.15 0.45 0.45 say	specith f f conditions and f conditions are specifically associated as a specifical condition and f conditions are specifically associated as a specifical condition are specifically as a specifical	17.64 6.36 0.00 5.04 5.04 0.76 0.31 0.08 6.85 2.53 3.78 13.61 4.09 66.09 67.00	Cum
centering, formwork, cover block to be provided and curing etc. automatic micro processor based mix plant (Pan mixer) etc. complete Ground Beam Longwall Gable wall Platform beam PB 1 PB2 PB3 OFFSET Patti 0.23X0.35 Longwall Shortwall LINTELS OVER V1 DOOR BEAM Longwall Gable wall weathersheds & canopies Providing and laying Cast in situ R.C.C. chajja as per detailed desi	as, laying/p complete. In PLC with the letter with the letter. With the letter	Execute of the control of the contro	respondence of the control of the co	magner of DA state of	6.00 5.05 4.45 6.00 1.20 4.94 1.50 7.20 5.05	and the reversand the same of	0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.35	al surface sur	0.60 0.60 0.60 0.60 0.15 0.15 0.15 0.45 0.45 say	spec spec spec spec spec spec spec spec	17.64 6.36 0.00 5.04 5.04 0.76 0.31 0.08 6.85 2.53 3.78 13.61 4.09 66.09 67.00 metal for	Cum
centering, formwork, cover block to be provided and curing etc. automatic micro processor based mix plant (Pan mixer) etc. complete Comple	as, laying/p complete. If PLC with the letter	Execute a superior of the supe	respondence of the contract of	compagn r DA (ate of X X X X X X X X X X X X X X X X X X	6.00 5.05 4.45 6.00 1.20 4.94 1.50 7.20 5.05	x x x x x x x x x x x x x x x x x x x	0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.35	al surface sur	0.60 0.60 0.60 0.15 0.15 0.15 0.45 0.45 0.45 ded and a ded at a steel of the steel). We mixer/	spec spec spec spec spec spec spec spec	17.64 6.36 0.00 5.04 5.04 0.76 0.31 0.08 6.85 2.53 3.78 13.61 4.09 66.09 67.00 metal for	
centering, formwork, cover block to be provided and curing etc. automatic micro processor based mix plant (Pan mixer) etc. complete Comple	as, laying/p complete. If PLC with the letter	Execute a superior of the supe	respondence of the full state	x x x x x x x x x x x x x x x x x x x	6.00 5.05 4.45 6.00 1.20 4.94 1.50 7.20 5.05 tet M-20 g steel c special futomatic	x x x x x x x x x x x x x x x x x x x	0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.35	x x x x x x x x x x x x x x x x x x x	0.60 0.60 0.60 0.15 0.15 0.15 0.45 0.45 0.45 0.45 0.45 0.45	spec spec spec spec spec spec spec spec	17.64 6.36 0.00 5.04 5.04 0.76 0.31 0.08 6.85 2.53 3.78 13.61 4.09 66.09 67.00 metal for second test of the control of the con	Cum
centering, formwork, cover block to be provided and curing etc. automatic micro processor based mix plant (Pan mixer) etc. complete Comple	as, laying/p complete. If PLC with the letter	Execute a superior of the supe	respondence of the full state	x x x x x x x x x x x x x x x x x x x	6.00 5.05 4.45 6.00 1.20 4.94 1.50 7.20 5.05 tet M-20 g steel c special futomatic	x x x x x x x x x x x x x x x x x x x	0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.35	x x x x x x x x x x x x x x x x x x x	0.60 0.60 0.60 0.15 0.15 0.15 0.45 0.45 0.45 0.45 0.45 0.45	spec spec spec spec spec spec spec spec	17.64 6.36 0.00 5.04 5.04 0.76 0.31 0.08 6.85 2.53 3.78 13.61 4.09 66.09 67.00 metal for second test of the control of the con	Cum

Item Nos & Description of Items	<u> </u>	NO.S			LENGT		BREDTH		DEPTH		TOTAL	U
									Total		3.74	
									Say		3.74	Cun
R.C.C.slab												
Providing and laying Cast in	situ/Ready	Mix	ceme	ent (concrete	M-2	20 of trap/	gra	nite / q	uartz	ite/ gneiss	cum
metal for R.C.C. slabs and la								_			-	
formwork, cover blocks, laying/pr												
sufficient minimum thickness to												
and curing etc. complete. Wit											1	
PLATFORM SLAB	1	X	4	X	5.00	X	1.80	X	0.200		7.20	
FLATFORM SLAB	1	Λ	4	Λ	3.00	Λ	1.60	Λ		=		
									Total		7.20	
									say		7.20	Cun
BBM												
Providing second class Burnt Bri	ick masonry	with	conv	enti	onal/ I.S.	typ	e bricks in o	em	ent morta	ar 1:0	6 in super	Cun
structure including striking joints	raking out j	oints,	water	ing	and scaff	oldi	ng etc.Compl	lete				
BAY	T											
		37	7	X	6.00	X	0.25	X	2.55		74.07	
Longwall	2	X			6.00		0.35		2.55	=	74.97	
Gable wall	2	X	3	X	5.05	X	0.35	X	2.55	=	27.04	
Deduction for									Total		102.01	
Rolling shutters	2	X	2	X	2.10	X	0.35	X	2.55	=	7.50	
V1	2	X	24	X	0.60	X	0.60	X	0.60	=	10.37	
+	+	Ť	- -	H	3.20	 	Total dedi				17.87	1
+	+	-		\vdash		-	Total dedi		Net		84.15	╂
	-											
									total		84.15	
									Say		85.00	Cun
Providing sand faced plaster e	xternally in	cem	ent	mort	ar using	ap	proved scree	ned	sand, i	n al	l positions	S
including base coat of 15 mm th												
Outside		1		1	using		l stooming com	704		Togre	unper comen	+
Long wall	1	X	2	X	42.53	X	3.90			=	331.73	
•		4										
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	
	1								Total		495.53	
Deduction	+								10111		175.55	
		**	_	77	2.10	**	2.55				21.12	
Rolling shutters	2	X		X	2.10	X	2.55			=	21.42	
V1	2	X	24	X	0.60	X	0.60			=	17.28	
									Total		38.70	
	1								Net		456.83	
	-								Say		456.83	S
	+								Buy		430.03	5
	 	1		Ш								<u> </u>
	<u> </u>											
						L						
Providing internal cement plaste	er 12 mm	thick	in S	ingle	coats in	ce	ment mortar	1:4	without	neer	u finish, to	S
Inside	-											
Long wall	1	X	2	X	42.07	X	3.35			=	281.87	
short wall	1	X		X	15.28	X	3.35	H		=	102.38	1
	1	Α		Λ	13.20	Λ	3.33			_	104.30	1
Offset of cloumn	<u> </u>			Щ								1
C1	2	X	3	X	0.37	X	3.35	L		=	7.44	\perp
G2	2	X	3	X	0.37	X	3.35			=	7.44	
C2	2	X	4	X	0.37	X	3.35			=	9.92	
		X	6	X	0.14	X	3.35			=	5.63	
C3			U	41	0.14	11	3.33			\vdash	5.05	╂
	2	Λ				1	i .	1		1		1
C3 CP & C4 RS		Λ						H	-	-	201	
C3 CP & C4 RS Deduction									Total		384.25	
C3 CP & C4 RS		X	2	X	2.10	X	2.55		Total	=	384.25 21.42	
C3 CP & C4 RS Deduction	2		2 24	X	2.10	X	2.55 0.60		Total	=		
C3 CP & C4 RS Deduction Rolling shutters	2	X								-	21.42 17.28	
C3 CP & C4 RS Deduction Rolling shutters	2	X							Dedu.	-	21.42 17.28 38.70	
C3 CP & C4 RS Deduction Rolling shutters	2	X								-	21.42 17.28	Se

21 Pro	em Nos & Description of Items		O.S			LENGT		BREDTH		DEPTH		TOTAL	Unit
co	roviding internal cement plaster oncrete, brick surface, in all posi									th cemen	t finis	sh, to	Sqm
Pli	inth												
Lo	ong Wall	1	X	2	X	42.07	X	0.90			=	75.726	
Sh	nort Wall	1	X	2	X	15.28	X	0.90			=	27.504	
										Total		103.23	
										Say		103.23	Sqn
22 5													
	oviding and applying white-was	sh in two o	oats	on o	ld /	new plas	stere	d or masonr	y si	urfaces ai	ıd asl	bestos	Sqn
	ong wall	1	X	2	X	42.07	X	3.35			=	281.87	
	nort wall	1	X		X	15.28	X	3.35			=	102.38	
_		1	71		21	13.20	71	3.33			_	102.30	
	ffset of cloumn	2	X	3	X	0.44	X	3.35			=	8.84	
C1			X		X	0.44	X	3.35				8.84	
C2		2		3							=		
C3		2	X	4	X	0.44	X	3.35			=	11.79	
_	4 RS	2	X	6	X	0.14	X	3.35			=	5.63	
	edu.						<u> </u>			Total		419.35	
	olling shutters	2	X	2	X	2.10	X	2.55			=	21.42	
V1	1	2	X	24	X	0.60	X	0.60	L		=	17.28	
			L						L	Total		38.70	
										Net		380.65	
										Say		380.65	Sqı
Οι	omplete. utside ong wall	1	X	2	X	42.07	X	3.90			=	328.15	
_	ort wall	1	X		X	15.28	X	3.90			=	119.18	
	or van			_		10.20		5.70		Total	=	447.33	
De	eduction												
Ro	olling shutters	2	X	2	X	2.10	X	2.55			=	21.42	
V1	1	2	X	24	X	0.60	X	0.60			=	17.28	
										Dedu.		38.70	
										Net		408.63	
										total		409.00	
										Say		409.00	Sqr
741Pr	oviding and applying two coats astered surface in buildings and	workshops	incl	uding	sca								Sqr
pla	eparing surface etc. complete (e	excluding n	rımer										
pla pre	eparing surface etc. complete. (einth	excluding p	rimer										
pla pre Pli	inth	excluding p	rimer	Cour									
pla pro Pli St a	inth ack lines					6.00	X	0.10			=	9 60	
pla pre Pli Sta Lo	inth cack lines	8	X	2	X	6.00	X	0.10			=	9.60	
pla pre Pli Sta Lo	inth ack lines			2		6.00	X	0.10 0.10		Total	=	14.40	
pla pre Pli Sta Lo	inth cack lines	8	X	2	X		_			Total	_	14.40 24.00	Sar
pla pre Pli Sta Lo	inth cack lines	8	X	2	X		_			Total Say	_	14.40	Sqı
pla pre Pli St: Lo	inth cack lines	8 8	X	2 2	X	9.00	X	0.10	s 0	Say	=	14.40 24.00 24.00	
pla pre Pli St: Lo Sh	inth ack lines ong nort roviding and fixing rolling shutte	8 8	X X	2 2 m ste	X X eel la	9.00 aths of m	X	0.10		Say .9 mm w	=	14.40 24.00 24.00 ock plate of	Sqr
pla pre Pli St: Lo Sh	inth ack lines ong nort	8 8	X X	2 2	X	9.00	X	0.10	s 0	Say 0.9 mm w	=	14.40 24.00 24.00 24.00 ock plate of	
pla pre Pli St: Lo Sh	inth ack lines ong nort roviding and fixing rolling shutte	8 8	X X	2 2 m ste	X X eel la	9.00 aths of m	X	0.10		Say 9.9 mm w 1.00 Total	=	14.40 24.00 24.00 24.00 ock plate of 21.42 21.42	Sqr
pla pre Pli St: Lo Sh	inth ack lines ong nort roviding and fixing rolling shutte	8 8	X X	2 2 m ste	X X eel la	9.00 aths of m	X	0.10		Say 0.9 mm w	=	14.40 24.00 24.00 24.00 ock plate of	Sqr
pla pre Pli Sta Lo Sh 25 Pre Ro	inth cack lines ong nort roviding and fixing rolling shutter	8 8 8 Properties and the second secon	X X X	2 2 2 mm stee	X X X el la X X vent	9.00 aths of m 2.10 ilatorsetc.	X ininin	0.10 num thicknes 2.55 Kilogram/Squ	x	Say 9 mm w 1.00 Total Say Metre as	e vith lo	14.40 24.00 24.00 24.00 ock plate of 21.42 21.42 21.42 drawing	Sqr
pla pre Pli St: Lo Sh 25 Pre Ro	inth ack lines ong nort roviding and fixing rolling shutter olling shutters roviding and fixing mildsteel gricluding fixtures,necessary weldirainting complete.	8 8 8 Properties and the second secon	X X X	2 2 2 mm stee	X X X el la X X vent	9.00 aths of m 2.10 ilatorsetc.	X ininin	0.10 num thicknes 2.55 Kilogram/Squ	x	Say 9 mm w 1.00 Total Say Metre as	e vith lo	14.40 24.00 24.00 24.00 ock plate of 21.42 21.42 21.42 drawing	

Item Nos & Description of Items	ľ	NO.S			LENGT		BREDTH		DEPTH		TOTAL	Uni
V2	2	X	27	X	1.00	X	0.60			=	32.40	
									Total		49.68	
									Say		49.68	Sqn
	ı								,			
Filling in plinth with approved etc. complete as directed.(Bd. A.		stuff	obtai	ned	from dep	artn	nental land in	nclu	ding wat	ering	, compacting	Cum
Qty received from excavation	1	X	1	X	42.07	X	15.28	X	0.20	=	128.57	
item no 3	1.00				2.76				-1.76			
item no 5	1.00				15.44				-14.44			
Qty received from excavation									Total		128.57	
(2)									Say		128.57	Cum
									~			
Providing Hard Murum cohesive Only compacted thickness is pa		_				in la	ayers of 20 c	ems	etc. com	plete	e as directed.	Cum
Main bldg.	1	X	1	X	42.07	X	15.28	X	1.00	=	642.83	
Apron												
									Total		642.83	
									Say		642.83	Cum
29 Compacting the Hard Murum, 8 to 10 tonee capacity including				_						with	power roller	Sq
Main bldg.	1	X	2	X	42.07	X	15.28			=	1285.66	
									Total		1285.66	
									Say		1285.66	Sqı
mm size metal 35% wi complete.[Rd.22/201,Rd.20/200 & Main bldg.		or]	stoi	ne X	chips 42.07	spre	25.28	le X	eveling 0.20	han =	dpacking	
Main bldg. Inner Periferi	1	X	2	X	42.07	X	0.60	X	0.80	=	40.39	
Walli bldg. Hiller Ferrieri	1	X	2	X		X	0.60	X	0.80	=	14.67	
											14.07	
+	1	Λ		Λ	15.28	Λ	0.00	Λ				
	1	Λ	2	Λ	15.28	Λ	0.00	Λ	Total		183.62	Cum
	1	Λ	2	Λ	15.28	Λ	0.00	Λ				Cum
31 Compacting oversize & size a artificial watering & leveling etc.	netal layer	rs co	mbin	daly	with po				Total Say		183.62 183.62	
	netal layer	rs co	mbin	daly	with po				Total Say		183.62 183.62	Cum
artificial watering & leveling etc.	netal layer	rs co	mbin	daly (Ro	with po 1.35/209)	owei	r roler not		Total Say	tor	183.62 183.62 mnes including	
artificial watering & leveling etc.	netal layer	rs co	mbin	daly (Ro	with po 1.35/209)	owei	r roler not		Total Say s than 8	tor	183.62 183.62 nnes including	Sq
artificial watering & leveling etc.	netal layer	rs co	mbin	daly (Ro	with po 1.35/209)	owei	r roler not		Total Say s than 8 Total	tor	183.62 183.62 nnes including 642.83 642.83	Sqı
artificial watering & leveling etc.	metal layer complete a	rs co	mbin ected	daly (Ro	with po 1.35/209) 42.07	X	r roler not	less	Total Say S than 8 Total Say	=	183.62 183.62 nnes including 642.83 642.83 642.83	Sq.
artificial watering & leveling etc. Main bldg.	metal layer complete a	rs co	mbin ected	daly (Ro	with po 1.35/209) 42.07	X	r roler not	less	Total Say S than 8 Total Say	=	183.62 183.62 nnes including 642.83 642.83 642.83	Sqr Sqr
artificial watering & leveling etc. Main bldg. 32 Providing and laying in situ cem	metal layer complete a	rs coas dire	mbin ected	daly (Ro	with po 1.35/209) 42.07	X	r roler not 15.28 nt for 100 m	less	Total Say Total Total Say thickness	=	183.62 183.62 nnes including 642.83 642.83 642.83 flooring with	Sqr Sqr
artificial watering & leveling etc. Main bldg. 32 Providing and laying in situ cem	metal layer complete a	rs coas dire	mbin ected	daly (Ro	with po 1.35/209) 42.07	X	r roler not 15.28 nt for 100 m	less	Total Say Total Say Total Say thickness 1.00	=	183.62 183.62 183.62 Innes including 642.83 642.83 642.83 flooring with 642.83	Sqr Sqr Sqr
artificial watering & leveling etc. Main bldg. 32 Providing and laying in situ cem	metal layer complete a	rs coas dire	mbin ected	daly (Ro	with po 1.35/209) 42.07	X	r roler not 15.28 nt for 100 m	less	Total Say Total Say Total Say thickness 1.00 Total	=	183.62 183.62 183.62 Innes including 642.83 642.83 642.83 642.83 642.83	Sq. Sq. Sq.
artificial watering & leveling etc. Main bldg. 32 Providing and laying in situ cem Main bldg. 33 Providing treatment of TREMI fixing of M.S.Channel formwork vibrator and leveling by	metal layer complete a	dew.	mbin ected 1 1) with 1	daly (Ro	with po .35/209) 42.07 42.07 emix trea 42.07	X X aid	r roler not 15.28 Int for 100 m 15.28 cement con	less	Total Say Total Say Total Say thickness 1.00 Total Say te 1:2:4	for =	183.62 183.62 183.62 nnes including 642.83 642.83 642.83 642.83 642.83 ace including	Squ Squ Squ
artificial watering & leveling etc. Main bldg. 32 Providing and laying in situ cem Main bldg. 33 Providing treatment of TREMI fixing of M.S.Channel formwork	metal layer complete a	dew.	mbin ected 1 1) with 1	daly (Ro	with po .35/209) 42.07 42.07 emix trea 42.07	X X aid	r roler not 15.28 Int for 100 m 15.28 cement con	less	Total Say Total Say Total Say thickness 1.00 Total Say te 1:2:4	for =	183.62 183.62 183.62 nnes including 642.83 642.83 642.83 642.83 642.83 ace including	Squ Squ Squ
artificial watering & leveling etc. Main bldg. 32 Providing and laying in situ cem Main bldg. 33 Providing treatment of TREMI fixing of M.S.Channel formwork vibrator and leveling by	metal layer complete a	dew.	mbin ected 1) witt 1 ateri	daly (Red X	with po .35/209) 42.07 42.07 emix trea 42.07 over prel placing o	X X Additional transfer of the second seco	r roler not 15.28 nt for 100 m 15.28 cement corrowel rod, vib	less	Total Say Total Say Total Say thickness 1.00 Total Say te 1:2:4	for =	183.62 183.62 183.62 nnes including 642.83 642.83 642.83 642.83 642.83 cace including te by needle	
artificial watering & leveling etc. Main bldg. 32 Providing and laying in situ cem Main bldg. 33 Providing treatment of TREMI fixing of M.S.Channel formwork vibrator and leveling by Main Bldg.	metal layer complete a	dew.	mbin ected 1) witt 1 ateri	daly (Red X	with po .35/209) 42.07 42.07 emix trea 42.07 over prel placing o	X X Additional transfer of the second seco	r roler not 15.28 nt for 100 m 15.28 cement corrowel rod, vib	less	Total Say Total Say Total Say thickness 1.00 Total Say te 1:2:4 ng the co	for =	183.62 183.62 183.62 nnes including 642.83 642.83 642.83 642.83 642.83 642.83 642.83 6642.83	Sqri Sqri Sqri Sqri
artificial watering & leveling etc. Main bldg. 32 Providing and laying in situ cem Main bldg. 33 Providing treatment of TREMI fixing of M.S.Channel formwork vibrator and leveling by Main Bldg.	metal layer complete a	dew.	mbin ected 1) witt 1 ateri	daly (Red X	with po .35/209) 42.07 42.07 emix trea 42.07 over prel placing o	X X Additional transfer of the second seco	r roler not 15.28 nt for 100 m 15.28 cement corrowel rod, vib	less	Total Say Total Say Total Say thickness 1.00 Total Say te 1:2:4 ng the co	for =	183.62 183.62 183.62 183.62 nnes including 642.83 642.83 642.83 642.83 ace including te by needle 642.83 642.83	Sqri Sqri Sqri Sqri
artificial watering & leveling etc. Main bldg. 32 Providing and laying in situ cem Main bldg. 33 Providing treatment of TREMI fixing of M.S.Channel formwork vibrator and leveling by Main Bldg.	metal layer complete a layer complete a layer concrete la layer concrete la layer la	dew.	mbin ected 1 1 1 1 1 1 1 1 1 1 1 1 1	daly (Rec X X)	with po .35/209) 42.07 42.07 emix trea 42.07 over prel placing o	x X aid aid of do	r roler not 15.28 nt for 100 m 15.28 cement corrowel rod, vit 15.28 dia & 0.50	less x	Total Say Total Say Total Say thickness 1.00 Total Say te 1:2:4 ng the co	for =	183.62 183.62 183.62 183.62 nnes including 642.83 642.83 642.83 642.83 642.83 642.83 642.83 642.83 642.83	Sq: Sq: Sq: Sq: Sq: Sq: Sq: Sq: Sq:
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	Item Nos & Description of Items	N	O.S			LENGT		BREDTH		DEPTH		TOTAL	Unit
										Say		1.50	MT
35	Providing & Fixing in position M	I.S. ladder	of 4	5 cm	ıs w	idth made	e ou	it 50 x 50 x	6	mm two	angle	es for rails	RMT
	Provision	1	X	1	X	8.00					=	8.00	
										Total		8.00	
										Say		8.00	RMT
36	Providing and fixing lioghtening of	conductor sy	stem	con	npris	ing of er	ectii	ng Air-Termin	nati	on consis	ting	of tubular	Nos
	For Main Bldg.	1	X	1	X	1.00					=	1.00	
	Provision									Total		1.00	
										Say		1.00	Nos
37	Conveying the materials obtained	from excav	ation	incl	udin	g all lifts	, la	ying in layer	s, ł	oreaking o	clods,	dressing to	Cum
										Total		5.00	
										Say		5.00	Cum
	Providing pre-constructional Anti-t	ermite treat	ment	as p					by	treating	the to	p surface of	Sqm
	Main Bldg.	1	X	1	X	21.30	X	8.19			=	174.45	
										Total	=	1.00	
										Say	=	1.00	Sqm
39	Providing and fixing in position p	owder coat	ed a	lumin		louvered		ndows / vent	ilat	or of var	ious s	izes with	Sqm
	V1	2	X	24	X	0.60	X	0.60			=	17.28	
	V2	2	X	27	X	1.00	X	0.60			=	32.40	
										Total		49.68	
										Say		49.70	Sqm
	Part - B :- PEB work												
1	Above Plinth PEB Structure - provid	ling & errect	ing F	PEB s	truc	ture with 2	Zinc	calume sheets	etc	c.complete			Sq.M
		1	X	1	X	42.07	X	15.28			=	642.830	
										Total	=	642.830	
										Say	=	643	Sq.M
								_					
2	Turbo ventilator 24"												Nos
		2	X	7							=	14.00	
										Total	=	14.00	
										Say	=	14.00	Nos

Sub Work III :- Royalty Charges

Item		Executed	Quantity	y of Material fo	r Royalty Cu	. M						
. No.	Item No & Description of item	Quantity	Cement	in bags	SAND	Quantity	METAL	Quantity	MURU M	Quantity	RUBBLE	Quantity
	Sub Work :-I Const. of 600 MT WH Bldg.											
11	Providing second class Burnt Brick	36	1.58	56.89	0.32	11.521						
19	Providing second class Burnt Brick	7	1.58	11.38	0.32	2.304						
21	Providing sand faced plaster externally in	457	0.17	77.66	0.03	13.705						
23	Providing internal cement plaster 12 mm	346	0.17	58.74	0.03	10.366						
24	Providing internal cement plaster 20mm	103	0.22	22.71	0.03	3.097						
31	Providing Hard Murum cohesive non-	643							1.20	771.396		
33	Providing & laying stone metal layer of 20	184					1.32	242.381				
			Total	227		40.993		242.381		771.396		0.000

Royalty Charges Recovery Statements

Sr. No	Particular	Requar Quantity in Cum	Requar Quantity in Brass	Royalty	Surcharg e	Distt. Mineral Founda tion Cess			Charges @ 0&144.160
			2.83		2%	10%		237.18	
1	SAND	40.99	40.99	211.95	4.24	21.20	237.390	Ģ)731.44
2	METAL Hand broken	242.38	242.38	211.95	4.24		216.189	4	52400.09

					T	otal Amount Rs.	228898.76
4	RUBBLE	0.00	0.00	211.95	4.24	216.189	0.00
3	MURUM	771.40	771.40	211.95	4.24	216.189	166767.23

Say Rs. **228899**

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 tesr 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	12	1380	16560	Up to 50 Cum 4 & thereafter for each 50 Cum one additional set
				iii) Rebound hammer Test	0	250	0	
3	Bricks	43	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	35.50	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	40.99	cum	Fineness Modulus, silt content.	1	1950	1950	1 test per source
7	Murum	771.40	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.
				J	TOTAL	1	45590	

RATE ANALYSIS SHEET

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 Total Rs	0.00	49.00	0.00 568.00
4 - For compaction 20 % OF	H.M.cost		
Grand total Rs.			575.86
Deduction for stacking charg	es		
I N 3/255	1.20	0.00	0.00
Net Rs			568.00
Therefore rate per cu m will Rs	l be say		568.00

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 w	1137.20	457.72						
Consider 1.00 cu m quantity	y 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	49.00	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		1307.78	457.72	

1196.90 **1196.90**

Say Rs

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	55.00	50.00			
2 - Transportation charg	0.00	0.83	0.00	2000.0	2406.69	0.83
3- Generator Hire charg	0.00	4.16	0.00	5.00	2000.00	10000.00
Total Rs.			50.00			
4. Diesel charges 5 day	0.00	1.88	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 v	vill be say l	Rs	50.00			