

STANDARD ESTIMATE FOR CONSTRUCTION OF 1/1800 MT CAPACITY PRE ENGINEERED WH BLDG WITH ANCILLARY WORKS

			QTY	RATE	AMOUNT					
1	C.C. 1:3:6 for foundation & beddding Natural Sand	SAND	0.47		0	0.00		km'	800.00	1234.35
		METAL	0.9		0	0.00		km'	720.00	1173.31
		Cement	4.4		0	0.00				
							0.00	for per kg	172.00	6.82
1	C.C. 1:3:6 for foundation & beddding crush Sand	SAND	0.47		0	0.00				
		METAL	0.9		0	0.00				
		Cement	4.4		0	0.00				
		Natural San	0	0.9		0.00				
2	P & C U.C.R masonry Natural Sand	SAND	0.35		0	0.00				
		RUBBLE	1.16		0	0.00				
		Cement	1.7		0	0.00				
							0.00			
2	P & C U.C.R masonry crush Sand	SAND	0.35		0	0.00				
		RUBBLE	1.16		0	0.00				
		Cement	1.7		0	0.00				
		Natural San	0	0.9		0.00				
3	P & C B.B. masonry in plinth & S.S Natural Sand	SAND	0.32		0	0.00				
		BRICKS	1.00		0	0.00				
		Cement	1.58		0	0.00				
							0.00			
						Municipal Council Areas				
						Hence percentage required to be added will be percentage				0.00%
						BLDG.WORKS				0.00%
						ROAD WORKS				0.00%
						<u>Labour cess</u>				0.00%
						Total Tax				0.00%

3	P & C B.B. masonry in plinth & S.S crush Sand	SAND BRICKS Cement	0.32 1.00 1.58	0 0 0	0.00 0.00 0.00	Total Tax	0.00%
					0.00		
4	P & L R.C.C. (M-25) 1:1:2 Natural Sand	SAND METAL Cement	0.425 0.9 7.5	0.00 0.00 0.00	0.00 0.00 0.00		
					0.00		
4	P & L R.C.C. (M-25) 1:1:2 crush Sand	SAND METAL Cement	0.425 0.9 7.5	0.00 0.00 0.00	0.00 0.00 0.00		
					0.00		
4	P & L R.C.C. (M-20) 1:1.5:3 Natural Sand	SAND METAL Cement	0.425 0.9 7	0 0 0	0.00 0.00 0.00		
					0.00		
4	P & L R.C.C. (M-20) 1:1.5:3 crush Sand	SAND METAL Cement	0.425 0.9 7	0 0 0	0.00 0.00 0.00		
					0.00		
4-A	P & L R.C.C. 1:2:4 Natural Sand	SAND METAL Cement	0.445 0.9 6.4	0 0 0	0.00 0.00 0.00		
					0.00		
4-A	P & L R.C.C. 1:2:4 crush Sand	SAND METAL Cement	0.445 0.9 6.4	0 0 0	0.00 0.00 0.00		
					0.00		
5	P & A 12mm tk plaster Natural Sand	SAND Cement	0.015 0.11	0 0	0.00 0.00		
					0.00		
5	P & A 12mm tk plaster crush Sand	SAND Cement	0.015 0.11	0 0	0.00 0.00		
					0.00		
6	P & A Sand faced 15 mm tk plaster Natural Sand	SAND Cement	0.02 0.17	0 0	0.00 0.00		
					0.00		
6	P & A Sand faced 15 mm tk plaster crush Sand	SAND Cement	0.02 0.17	0 0	0.00 0.00		
					0.00		
7	P & A 20 mm tk plaster with slurry Natural Sand	SAND Cement	0.025 0.17	0 0	0.00 0.00		
					0.00		
7	P & A 20 mm tk plaster with slurry crush Sand	SAND Cement	0.025 0.17	0 0	0.00 0.00		
					0.00		
8	P & F ploished shahabad for sills & dado Natural Sand	SAND Cement	0.022 0.185	0 0	0.00 0.00		

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Jr.Engineer
MSWC- Amravati

Dy.Manager (Engg.)
MSWC-Amravati

I.N.	DESCRIPTION OF ITEM	QTY.	UNIT	I.N/ P.N	BASIC RATE	ALL LEAD & ROYALTY	For Scada	TOTAL	Add 0 % C Area Charges 0.000	TOTAL OF RATES 6 TO 11	ADD % FOR CHARGES 0.0000	TOTAL OF RATES 6 TO 14	AMOUNT
1	2	3	4	5	6	7	-120 8	9	10	11	12	13	14

S.W. I - W.H.BUILDING1/1800 M T

Part - A :- Civil work

1	Clearing grass and removal of rubbish up to a distance of 50 metres outside the periphery of the area .	2709.00	sq m	2.07/23	4.00			4.00		4.00	0.00	4.00	10836
2	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to adistance of 50 m. beyond the	331.00	cu m	21.02/115	193.00			193.00		193.00	0.00	193.00	63883
3	Excavation for foundation in earth, soils of all types, sand,gravel and soft murum, including removing the excavated material upto adistance of 50 metres beyond the	1.00	cu m	21.04/115	241.00			241.00		241.00	0.00	241.00	241
4	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	54.00	cu m	21.06/115	212.00			212.00		212.00	0.00	212.00	11448
5	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	23.00	cu m	21.08/115	265.00			265.00		265.00	0.00	265.00	6095
6	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	1.00	cu m	21.10/115	235.00			235.00		235.00	0.00	235.00	235
7	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	12.00	cu m	21.12/116	291.00			291.00		291.00	0.00	291.00	3492
8	Excavation for foundation in Soft rock and old cement or lime masonry foundations including removing the excavated material upto a distance of 50 metres beyond the	1.00	cu m	21.14/116	402.00			402.00		402.00	0.00	402.00	402
9	Excavation for foundation in Soft rock and old cement or lime masonry foundations including removing the excavated material upto a distance of 50 metres beyond the	1.00	cu m	21.16/116	490.00			490.00		490.00	0.00	490.00	490
10	Excavation for foundation in Hard rock by chiselling, wedging, line drilling, etc. including trimming and levelling the bed, removing the excavated material upto a	1.00	cu m	21.20/116	1223.00			1223.00		1223.00	0.00	1223.00	1223
11	Excavation for foundation in Hard rock up to required depth by pocklain machine with needle breaker including removing the excavated stuff up to a distance of 50 m beyond the building area all lifts stacking , spreading directed.	1.00	cu m	MR	900.00			900.00		900.00	0.00	900.00	900
12	Excavation in plinth in earth soil of all types of sand or gravel or soft murum including dressing section to the required grade, cambers & side slope & conveying the	91.00	cu m	2.11/23	104.00			104.00		104.00	0.00	104.00	9464
13	Excavation in plinth in Hard murum including dressing section to the required grade, cambers & side slope & conveying the excavated materials with lead of 50 M and	1.00	cu m	2.13/23	121.00			121.00		121.00	0.00	121.00	121
14	Providing and fixing 25mm diameter steel anchor dowel in hard rock including drilling hole of 32 mm diameter up to 0.75 mtrs depth,placing the dowel in position and	20.00	Nos	12.13/65	1460.00			1460.00		1460.00	0.00	1460.00	29200
15	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate (VSI grade finely washed crushed sand) conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm. , cement content not to be less than 150 kg/ cum, optimum moisture content to be determined during trial batch.	91.00	cu m	5.13/37	3410.00			3410.00		3410.00	0.00	3410.00	310310
16	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	43.00	cu m	24.01/131	5538.00		-120.00	5418.00	0.00	5418.00	0.00	5418.00	232974
17	Providing uncoursed rubble masonry of trap / granite / quartzite / gneiss stones in cement mortar 1:6 in foundation and plinth of inner walls / in plinth of external walls	22.00	cu m	28.01/146	4757.00			4757.00	0.00	4757.00	0.00	4757.00	104654
18	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	67.00	cu m	27.01/144	7343.00			7343.00	0.00	7343.00	0.00	7343.00	491981
19	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,	17.000	M T	26.33/139	71778.00			71778.00	0.00	71778.00	0.00	71778.00	1220226
20	Providing and laying in situ /Ready Mix cement concrete M-25 of trap / granite /quartzite/ gneiss metal for R.C.C. work in foundations like raft, strip foundations,	59.00	Cum	25.13/133	6836.00		-120.00	6716.00	0.00	6716.00	0.00	6716.00	396244
21	Providing and laying Cast in situ/Ready Mix cement concrete M-25of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs and drawing or as	27.00	cu m	25.33/134	13157.00		-120.00	13037.00	0.00	13037.00	0.00	13037.00	351999

22	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap / granite /quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and	68.00	cu m	25.52/135	11652	-120.00	11532.00	0.00	11532.00	0.00	11532.00	784176
23	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap/ granite/ quartzite/ gneiss metal for R.C.C. chajja as per detailed design and drawings including	2.00	cu m	26.07/137	13283	-120.00	13163.00	0.00	13163.00	0.00	13163.00	26326
24	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and	14.00	cu m	25.72/136	14114	-120.00	13994.00	0.00	13994.00	0.00	13994.00	195916
25	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints, watering	62.00	cu m	27.05/144	7570	-120.00	7450.00	0.00	7450.00	0.00	7450.00	461900
26	Providing and laying Cast in situ/Ready Mix cement concrete in M15 of trap/ granite/quartzite/gneiss metal for bed blocks, foundation blocks and such other items	1.00	cu m	24.08/131	6030	-120.00	5910.00	0.00	5910.00	0.00	5910.00	5910
27	Providing sand faced cement plaster 20 mm thick in C.M. 1:4 outside to the W.H. bldg. Without smooth neeru finish to concrete or brick surface in all positions including scaffolding curing etc. complete as directed by engineer in charge	399.00	sq m	32.07/153	366.00		366.00	0.00	366.00	0.00	366.00	146034
28	Providing cement plaster 20 mm thick in C.M. 1:4 inside to the W.H. bldg. with smooth neeru finish to concrete or brick surface in all positions including scaffolding curing etc. complete as directed by engineer in charge (Crushed sand VSI Grade)	379.00	sq m	32.07/32.15/27(	427.00		427.00	0.00	427.00	0.00	427.00	161833
29	Providing cement plaster 20mm thick in C.M. 1:4 outside to the W.H. bldg. With slurry cement smooth finish to concrete or brick surface in all positions including	498.00	sq m	32.07/32.21/154	434.00		434.00	0.00	434.00	0.00	434.00	216132
30	Providing & applying whitewash three coats on plastered or masonry surface and A.C. sheets including scaffolding & preparing the surface by brushing & brooming	379.00	sq m	36.02/36.03/168	18.00		18.00		18.00	0.00	18.00	6822
31	Providing and applying two coats of exterior acryaic emulsion paint confirming to corresponding I.S. of approved manufacture and of approved colour to the plastered	571.00	sq m	35.25/165	240.00		240.00		240.00	0.00	240.00	137040
32	Providing sills of polished Kota stone 25 mm to 30mm thick, on a bed of 1:4 cement mortar including cement float, filling joints with slurry,curing,moulding edges, polishing	5.00	sq m	33.19/157	1215.00		1215.00		1215.00	0.00	1215.00	6075
33	Providing & applying oilpainting in two coats of approved colour & shade to flooring for marking stacklines including preparing the surfaces & primer coat etc. complete.	48.00	sq m	35.12/164 35.2	130.00		130.00		130.00	0.00	130.00	6240
34	Providing & applying oilpainting name of M S W C with three coat with background of approved colour & shade including scaffolding etc complete.	20.00	sq m	M R	1000.00		1000.00		1000.00	0.00	1000.00	20000
35	Providing and fixing in position aluminium openable ventilators as per detailed drawing and as directed by Engineer in charge with all necessary alluminium sections with	18.00	sq m	R.A	6989.09		6989.09		6989.09	0.00	6989.09	125804
36	Providing & fixing steel rolling shutter fabricated from 20 gauge steel laths with side guides, bottom rails, brackets of 10 G.M.S. sheet door suspension shaft, rolling	33.00	sq m	R.A	4822.00		4822.00		4822.00	0.00	4822.00	159126
37	Providing & fixing steel grill rolling shutter with fabricated from 20 gauge steel laths with side guides, bottom rails, brackets of 10 G.M.S. sheet door suspension shaft,	33.00	sq m	R.A	3387.00		3387.00		3387.00	0.00	3387.00	111771
38	Providing and fixing rolling shutter fabricated from steel lath s of minimum thickness 0.9mm with lockplate of 3.15 mm thickness reinforced with 35x35x5 mm angle section	1.00	sq m	R.A	4940.97		4940.97		4940.97	0.00	4940.97	4941
39	Filling in plinth with approved excavated stuff obtained from departmental land including watering, compacting etc. complete as directed.	10.00	cum	21.36/117	113.00		113.00		113.00	0.00	113.00	1130
40	Providing Hard Murum cohesive non-swelling materials in plinth in layers of 20 cms etc. complete as directed. [Only compacted thickness is payable]	1124.14	cu m	RA	1024.14		1024.14	0.00	1024.14	0.00	1024.14	1151277
41	Compacting the hard murum side widths including laying in layers on each side with vibratory roller including artificial watering etc. complete.	3552.00	sq m	2.31/24	19.00		19.00		19.00	0.00	19.00	67488
42	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	235.20	cu m	RA	1348.49		1348.49	0.00	1348.49	0.00	1348.49	317165
43	Compacting the sub grade / gravel / size metal (100 mm loose) layers for all widths with Power roller having weight 8 to 10 MT. including necessary, labour, materials and	981.30	sq m	50.59/250	27.00		27.00		27.00	0.00	27.00	26495
44	Providing and laying in situ cement concrete M20 with tremix treatment for 150mm thickness for flooring with groove cutting of 4mm wide and 20mm deep with necessary	906.60	Sq.M	RA	1064.00	0.00	1064.00	0.00	1064.00	0.00	1064.00	964622
45	Providing and casting in situ / ready mix PCC M15 grade of trap metal for coping to head walls / parapet including centering, form work, compaction and curing etc.	33.00	Cum	11.30/63	9276	0.00	9276.00	0.00	9276.00	0.00	9276.00	306108
46	Providing & fixing M.S. angle 50 x 50 x 6 mm with holdfasts at doorsills including fixing in bed concrete and then applying three coats of oilpaint etc. complete.	16.20	R M	RA	417.83		417.83	0.00	417.83	0.00	417.83	6769
47	Providing and fabricating structural steel work in rolled sections like joists, channels, angles, tees etc. as per detailed design and drawings or as directed including cutting,	1266.00	Kgs	23.01/129	89.18		89.18	0.00	89.18	0.00	89.18	112902

48	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.	8.00	R M	RA	1761.08		1761.08	1761.08	0.00	1761.08	14089
49	Providing and fixing lightening conductor system comprising of erecting Air-Termination consisting of tubular copper rod of 25mm dia. 1.2 mm thick with multiple	15.00	NO	RA	2132.00		2132.00	2132.00	0.00	2132.00	31980
50	Providing and fixing 90 cm x 60 cm Marble plate engraving 10 cm. height letter, figures including painting the lefters/figures with approved colour and shade complete	2.00	sq m	44.11/213	3972.24		3972.24	3972.24	0.00	3972.24	7944
51	Conveying materials obtained from road cutting including all lifts, laying in layers of 20cm to 30cm. breaking clods, dressing to the required lines, curves, grades and	10.00	cu m	2.25/24	177.00		177.00	177.00	0.00	177.00	1770
52	Conveying materials obtained from road cutting including all lifts, for a lead of upto 5km. from the site of excavation to the site of deposition as directed.	331.00	cu m	5km/lead	220.06		220.06	220.06	0.00	220.06	72840
53	Providing soling using 80 mm size trap metal in 15 cm. layer including filling voids with Crushed sand/grit, ramming, watering etc. complete.	1.00	cum	21.40/118	1322.00		1322.00	1322.00	0.00	1322.00	1322
54	Supply of pre-constructional Anti-termite treatment chemical as per I.S. 6313 (Part-II) - 1973 by treating the top surface of plinth filling at the rate of 5 litres of emulsion	45.00	Litre	RA	660.00		660.00	660.00	0.00	660.00	29700
55	Labour charges for 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	907.00	Sqm	RA	14.50		14.50	14.50	0.00	14.50	13152
56	Providing and laying Cast in situ/Ready Mix cement concrete in M-25 of trap/ granite/ quartzite/ gneiss metal for R.C.C. pardi of required thickness including steel centering,	1.00	cum	26.19/137	14863.00	-120.00	14743.00	14743.00	0.00	14743.00	14743
57	Providing and fixing colour coated Zinalume (R) AZ150 (min 150 gms/sq.mt. total on each side) profiled sheets for flashing at parapet. The feed material is	1.00	sq m	RA	1332.80		1332.80	1332.80	0.00	1332.80	1333
TOTAL FOR W.H.BLDG										TOTAL RS	8965293

Part - B :- PEB work

[	Above Plinth PEB Structure - providing & erecting PEB structure with zinalume	882.00	Sqm	MR	5000.00		5000.00	5000.00	0.00	5000.00	4410000
2	Turbo ventilator 24"	14.00	No	42/374	8680.00 Supply	1000.00 fixing	1000.00 polycarbonate			10680.00	149520

TOTAL RS 4559520

S.W. II - INTERNAL ROADS

I.N.	DESCRIPTON OF ITEM	QUANTITY	UNIT	I.N./ P.N	BASIC RATE	ALL LEAD & ROYALT	For Scada	TOTAL	Add % Q.C. Charges 0.005	TOTAL OF RATES 6 TO 11	ADD % FOR CHARGES 0.0000	TOTAL OF RATES 6 TO 11	AMOUNT
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Excavation for roadway in earth, soil of all sorts, sand, gravel or soft murum including d	620.00	cum	2.11/23	104.00			104.00		104.00	0.00	104.00	64480
2	Picking the road surface including sectioning etc. complete (WBM surface.)	0.00	Sqm	2.32/25	28.00			28.00		28.00	0.00	28.00	0
3	Excavation for roadway in hard murum and boulder including dressing section to the rec	1.00	cum	2.13/23	121.00			121.00		121.00	0.00	121.00	121
4	Excavation for roadway in soft rock, including dressing section to the required grade, ca	1.00	cum	2.14/23	157.00			157.00		157.00	0.00	157.00	157
5	Excavation for roadway in hard rock by controlled blasting including dressing section to	1.00	cum	2.15/23	250.00			250.00		250.00	0.00	250.00	250
6	Providing soling using 80 mm size trap metal in 15 cm. layer including filling voids with (	233.00	cum	21.40/118	1322.00	0.00		1322.00		1322.00	0.00	1322.00	308026
7	Supplying 80 mm trap stone metal at the road side including conveying & stacking etc. (	201.00	cum	50.56/250	700	0.00		700.00		700.00	0.00	700.00	140700
8	Supplying 40 mm trap stone metal at the road side including conveying & stacking etc. (	134.00	cum	50.55/250	780	0.00		780.00		780.00	0.00	780.00	104520
9	Spreading 80 mm trap stone metal including sectioning as directed etc. complete.	201.00	cum	50.58/250	85.00			85.00		85.00	0.00	85.00	17085
10	Spreading 40 mm trape stone metal including sectioning as directed etc. complete.	134.00	cum	50.58/250	85.00			85.00		85.00	0.00	85.00	11390
11	Supplying hard murum/ kankar at the road site, including conveying and stacking compl	85.00	cum	2.29a/24	398.00			398.00		398.00	0.00	398.00	33830

12	Spreading hard murum/ soft murrum/ gravel or kankar for side width complete	85.00	cum	2.30/24	74.00		74.00		74.00	0.00	74.00	6290
13	Compacting oversize metal layer with H. M. with power roller including artificial watering	3044.40	sqm	50.59/250	27.00		27.00		27.00	0.00	27.00	82199
14	Compacting the hard murum side widths including laying in layers on each side with vib	80.00	sqm	2.31/24	19.00		19.00		19.00	0.00	19.00	1520
15	Providing and constructing 75 mm. thick Modified Penetration Macadam (MPM) road su	1015.00	Sqm	RA	223.14		223.14		223.14	0.00	223.14	226487
16	Providing and applying tack coat on the prepared surface heating by fumes in Boiler an	1015.00	Sqm	RA	14.73		14.73		14.73	0.00	14.73	14951
17	Open Graded Premix Surfacing- Providing and Laying OGC 20 mm thickness compose	1015.00	sqm	RA	118.82		118.82		118.82	0.00	118.82	120602
18	9 MM SEAL COAT: Providing and laying of Type A 9 mm premix seal coat with HMP of	1015.00	sqm	RA	84.32		84.32		84.32	0.00	84.32	85585
19	Providing & fixing R. C. C. 1:2:4 guard stones as per type design including painting num	75.00	Nos	11.27/63	963		963.00		963.00	0.00	963.00	72225
PART II :- CROSS DRAINAGE WORKS												
20	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, includi	23.00	cum	21.02/115	193.00		193.00		193.00	0.00	193.00	4439
21	Excavation for foundation in hard murum including removing the excavated material upt	5.00	cum	21.06/115	212.00		212.00		212.00	0.00	212.00	1060
22	Excavation for foundation in Hard murum including removing the excavated material up	3.00	cum	21.07/115	403.00		403.00		403.00	0.00	403.00	1209
23	Excavation for foundation in Hard rock by chiselling, wedging, line drilling, etc. including	1.00	cum	21.20/116	1223.00		1223.00		1223.00	0.00	1223.00	1223
24	Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ ql	4.00	cum	24.01/131	5538	-120.00	5418.00		5418.00	0.00	5418.00	21672
25	Providing uncoursed rubble masonry of trap / granite / quartzite / gneiss stones in ceme	9.00	cum	28.01/146	4757.00		4757.00		4757.00	0.00	4757.00	42813
26	Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters fi	1.30	MT	26.33/139	71778.00		71778.00		71778.00	0.00	71778.00	93311
27	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap/ granite / qua	6.00	cum	25.50/135	11483.00	-120.00	11363.00	0.00	11363.00	0.00	11363.00	68178
28	Providing cement plaster 20 mm thick in two coats in C. M. 1 : 4 with slurry finish to cor	27.00	sqm	32.07+32.01/ 152	557.00		557.00	0.00	557.00	0.00	557.00	15039
29	Providing flush grooved pointing with cement mortar 1:3 for brick work including scaffol	9.00	sqm	32.17/153	172.00		172.00	0.00	172.00	0.00	172.00	1548
30	Providing and laying cement concrete pipe of IS 458:2003 NP-2 class of 600mm diame	10.00	Rmt	11.09/62	2678		2678.00	0.00	2678.00	0.00	2678.00	26780
31	Supplynig & spreading Hard mumrum for cushioning of R C C pipe including watering r	14.00	cu m	2.27/24	201.00		201.00	0.00	201.00	0.00	201.00	2814
32	Providing and casting in situ / ready mix PCC M15 grade of trap metal for coping to hea	3.00	cu m	11.30/63	9276.00	0.00	9276.00	0.00	9276.00	0.00	9276.00	27828
33	Providing earth work in embankment with approved materials obtained from departmen	10.00	cum	2.27/24	201.00		201.00		201.00	0.00	201.00	2010
34	Providing earth work in embankment with approved materials obtained from other sourc	638.00	cum	2.28/24	546.00		546.00		546.00	0.00	546.00	348348
35	Conveying materials obtained from road cutting including all lifts, laying in layers of 20cr	10.00	cum	2.25/24	177.00		177.00		177.00	0.00	177.00	1770
36	Conveying the materials obtained from excavation including all lifts, laying in layers, bre	620.00	cum	5km/lead	220.06		220.06		220.06	0.00	220.06	136437
TOTAL FOR INTERNAL ROADS										TOTAL RS 2086897		

S.W. IV - Fire Extinguishers

I.N.	DESCRIPTION OF ITEM	QUANTITY	UNIT	I.N./ P.N	BASIC RATE / MR	AD CHARG SAND HM	LIFTS & R.A.	TOTAL	Add % Q.C. Charges 0.005	TOTAL OF RATES 6 TO 11	ADD % FOR CHARGES 0.0000	TOTAL OF RATES 6 TO 11	AMOUNT
1	2	3	4	5	6	7	8	9	10	11	12	13	14

1	ABC Types Fire extinguishers are effective for all types of fire like Class A, B and C types of fires as well as Electrical fires and also ABC Powder Type (Stored Pressure) Fire Extinguisher, Multipurpose uses & ISI, ISO and CE Certified Product and Multipurpose Uses ABC Type fire extinguisher 6 Kg with 5 years Warranty	0.00	No.	MR	2500.00	2500.00	2500.00	0.00	2500.00	0
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TOTAL FOR FIRE EXTINGUISHERS

TOTAL RS 0