

ANNEXURE-07 (Environmental works)

Detail Estimate

Name of work:- Pollution Control set up (NGT Guidelines) as per drawing and RB Letter No 2015/EnHM/15/01 dated 16.04.2018 and specifications, which includes, inter alia, 1 meter height RCC wall with permanently colour coated trapezoidal profiled sheet fabrication for dust cleaning wall on railway boundary, pvt. Building side of 20 ft height and Plantation (At line no-8 cess side and along approach road).

S.No.	Sor No.	Description of item	Unit	Rate.	Qty.	Total
1	011011	Earth work in excavation as per approved	Cum	81.36	300	24408.00
2	012010	Extra over item 011010 for excavation in	Cum	8.70	300	2610.00
3	012030	Extra for watering and ramming earth in	Cum	15.40	100	1540.00
4	012040	Filling, watering and ramming earth in 15 cm	Cum	18.30	100	1830.00
5	013140	Removal of excavated/slip earth/ debris/ malba	Cum	95.82	100	9582.00
6	014010	Dressing Surface (average excavation or filling	10 sqm	54.90	500	2745.00
7	031013	1:4:8 (1 cement : 4 sand : 8 graded stone	Cum	1751.75	20	35035.00
8	031024	1:1.5:3 (1cement : 1.5 sand : 3 graded stone	Cum	2137.59	5	10687.95
9	033061	Supply and using cement at worksite : oPC	Tonne	5474.00	27	147798.00
10	041011	All work upto plinth level, including raft	Cum	2422.38	60	145342.80
11	041012	All work in buildings above plinth level upto	Cum	2645.23	30	79356.90
12	042011	Foundations, footings, bases of columns, raft	sqm	120.60	100	12060.00
13	042012	Walls (any thickness) including attached	sqm	191.20	600	114720.00
14	042015	Columns, pillars, , posts and struts	sqm	240.50	120	28860.00
15	042040	S/A shuttering oil	sqm	6.55	820	5371.00
16	043015	In slabs for drain covers, manhole covers, flue	CUM	2870.14	5	14350.70
17	045014	Supplying Reinforcement for R.C.C. work	kg	47.58	7500	356850.00
18	051017	Cement mortar 1:4 (1 cement : 4 coarse sand)	Cum	2218.87	150	332830.50
19	051040	Extra over item 051010 & 051020 for brick	Cum	133.42	75	10006.50
20	055130	Deduct from any brickwork item, if bricks	Cum	1477.06	-30	-44311.80
21	081360	Providing and fixing M.S. round holding down	kg	75.54	700	52878.00
22	081031	Steel work welded in builtup section	kg	75.92	12000	911040.00
23	092012	40mm thick with 20mm nominal size stone	sqm	120.99	200	24198.00
24	109230	Supply and Installation, including lifting to all	sqm	538.95	1000	538950.00
25	111041	12 mm cement plaster of mix - 1:4 (1cement:	sqm	61.86	200	12372.00
26	115060	Applying one coat of cement primer	sqm	20.77	500	10385.00
27	115110	Finishing wall with water proofing cement paint	sqm	38.40	500	19200.00
28	121051	Two or more coats on new work	Each of 1 cm ht.	40.81	500	20405.00
29	121250	Lettering with enamel paint	Each	1.06	500	530.00
30	161153	Holes / Pits 45 cm Dia and 60 cm deep	Each	13.72	2000	27440.00
31	161170	Providing and fixing M.S. flat iron tree guard	Each	1755.06	800	1404048.00
32	161520	Uprooting weeds on or from station platforms,	100 Sqm	301.79	6000	18107.40
33	162119	Polyalthia longifolia (Ashoka) of height 150-	Each	198.62	800	158896.00
34	162265	Narium oleander (kaner) of height 30-45 cm in	Each	41.81	1200	50172.00
35	182013	In cement mortar	Cum	348.90	30	10467.00
36	182023	From brick work in cement mortar	1000 Nos	1119.66	15000	16794.90
Total SOR						4567555.85
		above USSOR/10 ON Item (CH.- 1)	42715	28.75	%	12280.56
		above USSOR/10 ON Item (CH.- 3)	45723	50.83	%	23240.98
		above USSOR/10 ON Item (CH.- 3)	147798	47.03	%	69509.40
		above USSOR/10 ON Item (CH.- 4)	400061	47.21	%	188868.99
		above USSOR/10 ON Item (CH.- 4)	356850	39.14	%	139671.09
		above USSOR/10 ON Item (CH.- 5)	298525	67.1	%	200310.41
		above USSOR/10 ON Item (CH.- 8)	963918	33.19	%	319924.38
		above USSOR/10 ON Item (CH.- 9)	24198	36.23	%	8766.94
		above USSOR/10 ON Item (CH.- 10)	538950	31.08	%	167505.66
		above USSOR/10 ON Item (CH.- 11)	41957	34.61	%	14521.32
		above USSOR/10 ON Item (CH.- 12)	20935	34.17	%	7153.49
		above USSOR/10 ON Item (CH.- 16)	1658663	41.32	%	685359.72
		above USSOR/10 ON Item (CH.- 18)	27262	33.13	%	9031.87
Total						6413701

SSE/W/BE

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