

Development of Mandir Parisar at Jharia Vihar Township, Belgoria.

Tender Notice No : 07/2014-15 dated 08.09.2014

SYNOPSIS

I/We have gone through the Bills of Quantities in details in the attached sheets and I/We hereby quote my/our rates as follows :-

.....% (in figures) (.....)
(in words) Percent above/ Percent below/At par the estimated rates, amounting to
(in figures) Rs.....) (in figures) Rs.
.....
..... (in words)
against the estimate value of Rs. 34,18,506.75/-

Signature of the Contractor

(Name of the Contractor)

Bill Of Quantity

JHARIA REHABILITATION AND DEVELOPMENT AUTHORITY, DHANBAD

Development of Mandir Parisar at Jharia Vihar Township at Belgoria, Dhanbad

SN	Item	Unit	Rate	Qty	Amount
1	Earth work in excavation in foundation trenches in hard soil (vide classification of soil item - B) and disposal of excavated earth a obtained to a distance up to 50 M including all lifts with leveling ramming the foundation trenches removing roots of trees shrubs all complete as per approved design, building specification and direction of E/I	Cum	81.22	144.630	11746.85
	extra for earth work in hard soil as per specification and direction of E/I	Cum	8.33	144.630	1204.77
2	Providing coarse clean sand in filling in foundation trenches or in plinth including ramming and watering in layers not exceeding 150 mm thick with all leads and lifts including cost of all materials, labour, royalty and taxes all complete as per building specification and direction of E/I (Mode of measurement compacted volume)	Cum	200.58	157.290	31549.23
3	Providing designation 75A one brick flat soiling joints filled with local sand including cost of watering taxes royalty all complete as per building specification and direction of E/I	sqm	203.76	1609.030	327855.95
4	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50m and lift upto 1.5 m	sqm	935.25	1409.110	13178.70
5	Providing P.C.C./R.C.C. M-75 with nominal mix of (1:4:8) in foundation and plinth with approved quality of stone metal grade III (50 mm to 25 mm size) and clean coarse sand of F.M 2.5 to 3 including screening, shuttering, mixing cement concrete in cement mixer and placing in position, vibrating, striking, curing, tax and royalty all complete job as per building specification and direction of Engineer in charge.	Cum	3456.86	168.930	583967.36
6	Providing RCC M-200 with nominal mix of (1:1.5:3) in foundation and plinth with approved quality of stone chips 20 mm to 6 mm size graded and clean coarse sand of FM 2.5 to 3 including screening, shuttering, mixing cement concrete in mixer and placing in position, vibrating, striking, curing (but excluding the cost of reinforcement, tax and royalty all complete, as per building specification and direction of E/I	Cum	6126.51	7.590	46500.21

7	Providing RCC, M-200 with nominal mx of (1:1.5:3) in columns with approved quality of stone chips 20 mm to 6 mm size graded and clean coarse sand of F.M. 2.5 to 3 including shuttering, mixing, cement concrete in mixer and placing in position, vibrating, striking, curing (but excluding the cost of reinforcement, tax and royalty all complete, as per building specification and direction of E/I	Cum	7021.79	11.300	79346.23
8	Providing RCC M-200 in band at plinth level with approved quality of stone chips 20 mm to 6 mm size graded and clean coarse sand of FM 2.5 to 3 including screening, shuttering, mixing cement concrete in mixer and placing in position, vibrating, striking, curing (but excluding the cost of reinforcement, tax and royalty all complete, as per building specification and direction of E/I	Cum	6626.30	8.290	54932.03
9	Providing RCC, M-200 with nominal mx of (1:1.5:3) in beam of all types with approved quality of stone chips 20 mm to 6 mm size graded and clean coarse sand of F.M. 2.5 to 3 including shuttering, mixing, cement concrete in mixer and placing in position, vibrating, striking, curing (but excluding the cost of reinforcement, tax and royalty all complete, as per building specification and direction of E/I	Cum	8192.98	0.530	4342.28
10	Providing designation 75 A brick work in C.M. (1:6) in foundation and plinth with approved quality of clean coarse sand of F.M 2 to 2.5 including providing 10 mm thick mortar joints, cost of screening materials, raking out joints to 15 mm depth, curing, taxes and royalty all complete as per building specification and direction of E/I	Cum	3474.26	37.860	131535.48
11	Providing designation 75 A birck work in C.M. (1:6) in superstructure with approved quality of clean coarse sand of F.M. 2 to 2.5 including providing 10 mm thick mortar joints, costs of screening, materials, scaffolding, raking out joints to 15 mm depth curing, taxes, and royalty all complete as per building specification and direction of E/I	Cum	3546.16	64.600	229081.94
12	Providing 12 mm thick cement plaster (1:6) with clean coarse sand of FM 1.5 including screening, curing with all leads and lifts of water, scaffolding taxes and royalty all complete as per building specification and direction of E/I	sqm	102.20	808.400	82618.48
13	Providing PCCM-200 in nominal mix of (1:1.5:3) in foundation with approved quality of stone metal grade III (50 mm to 25 mm size) and clean coarse sand of F.M 2.5 to 3 including screening, shuttering, mixing cement concrete in cement mixer and placing in position, vibrating, striking, curing, tax and royalty all complete job as per building specification and direction of Engineer in charge.	Cum	6126.51	38.300	234645.33

14	Providing Tor steel for 8 mm dia as per approved design and drawing excluding carriage of bars to work size cutting bending and binding with annealed wire with cost of wire removal of rust placing the rods in position.	MT	64,811.14	0.923	59,820.68
15	Providing Tor steel for 10 mm, 12mm & 16 mm dia bars as per approved design and drawing excluding carriage of bars to work size cutting bending and binding with annealed wire with cost of wire removal of rust placing the rods in position.				
	a) 10 mm	MT	63543.26	0.573	36410.29
	b) 12 mm	MT	62909.32	0.578	36361.59
	c) 16 mm	MT	62909.32	2.689	169163.16
16	Providing 12 mm thick cement plaster (1:4) with clean coarse sand of FM 1.5 including screening, curing with all leads and lifts of water, scaffolding taxes and royalty all complete as per building specification and direction of E/I	sqm	113.97	156.070	17787.30
17	Supplying, fitting and fixing MS grill gate with M.S. grills made of 20x6mm M.S flats or 16 mm. square bars fitted on 25x25x6 mm M.S angle frame (when steel is not supplied by the deptt.)	kg	80.49	2683.500	215994.92
18	Filling in foundation trenches and plinth in layers not exceeding 150 mm thick well watered, rammed, fully compacted and fine dressed with earth obtained after cutting within a lead of 50M and lift of 1.5 M all complete as per building specification and direction of E/I (Mode of measurement compacted volume)	mtr	69.25	1236.990	85661.56
19	Carriage of earth by Mechanical comp lead upto 5 KM	Cum	206.88	1236.990	255908.49
20	Providing 1.5 mm cement punning including curing, carriage of water with all leads and lifts as per building specification and direction of E/I	sqm	36.94	156.070	5765.23
21	Providing two coats of snowcem of approved shade and make over old surface including washing cleaning and preparing the eall scaffolding, curing and taxes all complete as per building, specification and direction of E/I	sqm	50.01	788.400	39427.88
22	Providing two coats of synthetic enamel paint of approved shade and make over steel surface including cleaning the surface thoroughly, scaffolding and taxes all complete as per building specification and direction of E/I	sqm	45.58	130.740	5959.13
23					
	Cement upto 10 KM	MT	168.38	71.97	12,118.31
	Bricks upto 8 KM	nos	673.51	91,643.00	61,722.48
	Sand	cum	511.60	314.33	160,811.23
	Stone Aggregate upto 20 KM	cum	168.38	220.49	37,126.11
	Steel		168.38	4.713	793.57

24	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed all kind of soil.				
		Cum	129.35	1236.990	160004.66
25	Providing precast RCC M-200 with nominal mix of (1:1.5:3) slab of desired size with approved quality of stone chips and coarse sand of FM 2.5 to 3 including curing, shuttering carrying the slab manually to site and laying in position all complete (but excluding the cost of reinforcement) taxes and royalty, all complete as per building specification and direction of E/I				
		Cum	5871.61	0.700	4110.13
26	Providing and laying 60 mm thick factory made cement concrete interlocking paver block of M-30 grade made by block making machine with strong vibratory compaction, of approved size, design and shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of E/I				
		sqm	536.65	391.290	209985.78
27	Providing and Fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc.				
	a) 18.12.1 15 mm dia nominal bore		142.25	12.000	1707.00
	b) 18.12.2 20 mm dia nominal bore		161.25	42.000	6772.50
28	Providing and Fixing 15 mm dia brass bib cock	Each	288.67	4.000	1154.68
29	Providing and Fixing 20 mm dia brass bib cock	Each	294.90	2.000	589.80
30	Supplying and Fitting G.I. Fittings of approved make all complete as per specification and direction of E/I				
	I. Elbow a) 15 mm dia	Each	43.72	3.000	131.16
	Elbow b) 20 mm dia	Each	58.00	3.000	174.00
	II. Tee Plain a) 15 mm dia	Each	49.47	1.000	49.47
	Tee Plain b) 20 mm dia	Each	68.35	2.000	136.70
	III) Reducing socket a) 20 mm dia	Each	48.32	2.000	96.64
	Reducing socket b) 25 mm dia	Each	61.45	1.000	61.45
	IV) band a) 20 mm dia	Each	58.00	2.000	116.00
Total:					3418506.75