

Name of the Work:- Construction of Watch Tower (Fire) in Panchora North R.F. of Panchora Section in Bargaon Range under Sundargarh Forest Division .

Sl No.	Description of items	Qty	Unit	Rate	Amount
1	Earth work excavation of foundation in hard or gravelly soil within initial lead of 50m and initial lift of 1.5m including dressing the sides, leveling the bed and depositing the excavated materials away from the work site, shoring etc if required, complete the item of work in all respect as per direction of the Engineer-in-charge.				
A	Ground Floor	28.39	Cum	274.15	7,783.12
2	Supplying & filling foundation and plinth with sand well watered and rammed including cost, cost of all labour, carriage, royalty, taxes, T&P etc complete. Ground Floor	30.39	Cum	797.81	24,245.45
3	Cement Concrete (1:3:6) using 40mm size hard granite C.B. metal approved quality from approved quarry including hoisting laying using concrete mixture and vibrators including cost, carriage, royalty, cost of all labour T.&P. etc complete and as directed by E.I.C. Ground Floor	4.51	Cum	5,396.00	24,335.96
4	R.C.C. M-20 grade with 20mm and down grade C.B. chips of approved quality from approved quarry including hoisting, laying hire charges of concrete mixture, vibrator, watering, curing and cost of all materials and labour, T&P centering shuttering etc complete but excluding cost of reinforcement complete.				
	Column Footing (Ground Floor)	10.58	Cum	5,599.50	59,242.71
	Plinth Beam (Ground Floor)	1.35	Cum	6,378.20	8,610.57
	Column & Beam				
	Ground Floor	5.35	Cum	16,700.70	89,348.75
	First Floor	4.18	Cum	19,109.60	79,878.13
	Second floor	4.64	Cum	21,993.80	1,02,051.23
	RCC Staircase				
	Ground Floor	2.46	Cum	14,245.90	35,044.91
	First Floor	2.46	Cum	16,164.20	39,763.93
	Second floor	2.46	Cum	18,459.90	45,411.35
	RCC Roof Slab				
	Ground Floor	3.01	Cum	12,331.70	37,118.42
	First Floor	3.01	Cum	13,866.60	41,738.47
	Second floor	3.01	Cum	15,702.80	47,265.43
	Lintel				
	First Floor	0.80	Cum	14,139.00	11,311.20
	Second floor	0.80	Cum	16,146.80	12,917.44
5	Providing M.S. reinforcement for R.C.C. work including cutting, bending, binding and tying the grills and placing in position including cost of binding wire 18 to 20 gauge and cost and carriage of steel. etc. complete.				
A	Ground Floor	23.00	Qntl	5,543.10	1,27,491.30

b	First Floor	10.50	Qntl	5,576.20	58,550.10
c	Second Floor	11.00	Qntl	5,611.00	61,721.00
6	Brick work with Fly ash bricks 23cm x 11cm x 8cm size having crushing strength not less than 75Kg/cm ² with dimensional tolerance ±8 percent in cement mortar (1:6) in Foundation and Plinth including watering, curing, cost, carriage, royalty and taxes of all materials, cost of all labour, T&P etc complete as per the direction of E.I.C.	2.22	Cum	5,257.80	11,672.32
7	Brick work with Fly ash bricks 23cm x 11cm x 8cm size having crushing strength not less than 75Kg/cm ² with dimensional tolerance ±8 percent in cement mortar (1:6) in Superstructure including watering, curing, cost, carriage, royalty and taxes of all materials, cost of all labour, T&P etc complete as per the direction of E.I.C.				
A	First Floor	12.46	Cum	6,063.20	75,547.47
B	Second Floor	16.03	Cum	6,558.70	1,05,135.96
8	2.5 cm. Damp proof course with C.C. (1:2:4) using 12mm. Size hard broken granite Chips of approved quality from approved quarry including watering, curing, cost, carriage, royalty & taxes of all materials, cost of all labour, T&P etc. complete.	4.42	Sqm	361.40	1,597.39
9	2.5cm thick A.S. flooring with cement concrete (1:2:4) using 12mm size C.B. chips including curing, cost, carriage, royalty and taxes of all materials, cost of all labour, T&P etc complete as per the direction of E.I.C.	16.73	Sqm	386.10	6,459.45
10	6 mm thick cement plaster (1:4) to RCC surfaces finished smooth including closed deep chipping and slurry treatment , watering, curing cost, carriage, royalty, and taxes of all materials, cost of all labour, T&P etc complete as per the direction of E.I.C.				
A	Ground Floor	79.00	Sqm	206.50	16,313.50
B	First Floor	28.52	Sqm	211.90	6,043.39
C	Second Floor	28.52	Sqm	217.50	6,203.10
11	Supplying, fitting and fixing vitrified tile (Plain) in floors of size 600mm x 600mm of approved make conforming to IS : 13755 laid on 20 mm thick cement mortar (1:4) (1 cement :4 course sand) and filling joints with white cement of approved quality including cost of all materials, labour T&P etc. required for the work all complete as per direction of E.I.C. (For New work only)				
A	Ground Floor	13.41	Sqm	1,785.30	23,940.87
B	First Floor	35.54	Sqm	1,832.90	65,141.27
C	Second Floor	35.54	Sqm	1,882.50	66,904.05

11	Fixing Vitrified tiles (size 600mmx600mm) (Plain) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including cost, carriage, cost of all labour etc. complete.				
A	First Floor	11.27	Sqm	1,538.70	17,341.15
B	Second Floor	11.27	Sqm	1,583.30	17,843.79
12	Supplying, fitting and fixing of stainless steel of 304 grade in hand railing using 50 mm dia of 2 mm thick circular pipe with Balustrade of size 32 mm x 32mm x 2mm @ 0.90 mtr C/C and stainless square pipe bracing of size case as per approved design and specification, buffing, polishing etc. with the cost, conveyance taxes of all material, cost of all labour etc. complete in all respect. (in all floor)				
A	Ground Floor	19.50	Sqm.	3,194.10	62,284.95
B	First Floor	9.75	Sqm.	3,211.70	31,314.08
C	Second Floor	9.75	Sqm.	3,230.20	31,494.45
13	12mm thick C.P. in C.M.(1:4) over brick masonry to the smooth surface with neat cement punning including watering curing, cost, carriage, royalty, and taxes of all materials, cost of all labour, T&P etc complete as per the direction of Engg-in -charge.	16.91	Sqm	201.30	3,403.98
14	Priming 1 coat with wall primer water bond cement primer including all labour, materials, T&P etc. complete.				
A	Ground Floor	79.00	Sqm	65.30	5,158.70
B	First Floor	176.2	Sqm	67.90	11,963.98
C	Second Floor	212.59	Sqm	70.60	15,008.85
15	Finishing to the exposed surfaces of wall with weather coat of any approved shade on new work 2 coats to give an even shade including cost of weather coat all cost of all labours and T&P etc. complete .				
A	Ground Floor	79	Sqm	96.30	7,607.70
B	First Floor	71.39	Sqm	99.90	7,131.86
C	Second Floor	107.78	Sqm	103.70	11,176.79
16	Finishing surface of walls with Cement based wall putty & making smooth to receive painting including cost of scaffolding etc. with cost of all materials, labour T&P etc. complete.				
A	Ground Floor	79.00	Sqm	86.60	6,841.40
B	First Floor	176.20	Sqm	88.50	15,593.70
C	Second Floor	212.59	Sqm	90.40	19,218.14
17	12mm thick C.P. in C.M.(1:6) over brick masonry to the smooth surface including watering, curing, cost, carriage, royalty and taxes of all materials, cost of all labour, T&P etc complete as per the direction of E.I.C.				
A	First Floor	71.39	Sqm	192.20	13,721.16
B	Second Floor	107.78	Sqm	200.30	21,588.33

18	16mm thick C.P. in C.M.(1:6) over brick masonry to the rough surface including watering, curing cost, carriage, royalty, and taxes of all materials, cost of all labour, T&P etc complete as per the direction of E.I.C.				
A	First Floor	76.29	Sqm	274.20	20,918.72
B	Second Floor	76.29	Sqm	281.30	21,460.38
19	Supplying fitting fixing of P.V.C. door of approved quality including cost of all materials labour T&P etc complete.				
A	First Floor	1.63	Sqm.	2,137.10	3,483.47
B	Second Floor	1.63	Sqm.	2,137.10	3,483.47
20	Providing fitting, fixing of Aluminium door with anodized Al. door section of 9202 as vertical member, 9201 as top member and 9200 as bottom and middle member with frame section as 9221 by means of tapered clip No. 4660 and the frame to be completed by means of jointing angle No. 1855 including all cost of labour, T&P, hire charges of drilling machine, labour charges etc. complete. excluding cost of laminated board.				
A	First Floor	2.28	Sqm	8,254.90	18,821.17
B	Second Floor	2.28	Sqm	8,488.10	19,352.87
21	Supplying of M.S. Door, Window with grills, Grills, collapsible gates made out of M.S. Angle frame, M.S. Flat, Sheet etc of approved section & design, electrically welded properly with all necessary locking arrangement, and 1 coat red oxide primer including cost of all materials, labour T&P, carriage of materials to site etc. complete.				
A	First Floor	90.00	Kg	69.19	6,227.10
B	Second Floor	90.00	Kg	69.19	6,227.10
22	Labour cost for fitting and fixing of MS Door grills .				
A	First Floor	4.18	Sqm.	605.15	2,529.53
B	Second Floor	4.18	Sqm.	641.15	2,680.01
23	Supplying, fitting, fixing up window (sliding type) made up aluminum Section 9778 as windows frame, section No. 4095, 4096 and 9777, 3994 as shutter frame with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour, T&P etc. complete as per direction of Engineer-in-charge. excluding cost of glass.				
A	First Floor	4.18	Sqm	7,151.90	29,894.94
B	Second Floor	4.18	Sqm	7,394.70	30,909.85
24	Painting 2 coats with any approved paint in iron works over a coat of Red-oxide primer including sand papering, polishing surfaces, cost of paints, cost of all labour, T&P, etc complete in all floors as per direction of E.I.C.				
A	First Floor	2.09	Sqm	263.90	551.55
B	Second Floor	2.09	Sqm	270.80	565.97

25	Wall painting 2 coats with plastic emulsion paint of approved shade on new work give an even shade including cost of paint etc complete.				
A	First Floor	104.81	Sqm	105.40	11,046.97
B	Second Floor	104.81	Sqm	107.60	11,277.56
26	2.5cm thick grading concrete (1:2:2) on roof slab with 6mm size hard crusher broken granite chips on new work including watering curing cost of all materials, water-proofing compounds, T.& P. required for the works etc complete.				
A	Second Floor	29.93	Sqm	459.00	13,737.87
27	Add for construction of Septic Tank with Sock Pit etc				56,466.00
	Total =				18,57,115.76
28	Add for 1% of Labour Cess				18,571.16
29	Add for GST over the material cost				1,24,498.00
					20,00,184.92
				Or, Say	20,00,000.00
				(Rupees Twenty Lakhs) only	

My/ our quoted rate is _____ % (both figure & words) excess over /less than /equal to above estimated cost.

Note:

- (1) The contractor should not write any thing except quoting of percentage and in case any thing else regarding tender rate mentioned , the tender is liable for rejection.
- (2) Strike out which are not applicable.

Signature of Contractor

Total - 29 (Twenty Nine) Item only

No. of Correction

No. of Overwriting

No. of Interpolation

Approved for - 29 (Twenty Nine) Item only