

<u>BILL OF QUANTITY</u>					
Name of the Division :- Phulbani Forest Division,Phulbani					
NW- CONSTRUCTION OF FORESTER QUARTER AT CHAKAPADA SECTION UNDER TIKABALI FOREST RANGE FOR THE YEAR 2021-22					
Item No.	Descriptions of Items	Qty	Unit	Rate (Rs.)	Amount (Rs.)
1	2	3	4	5	6
1	Earth work in excavation of foundation in all kinds of soil with all leads and lifts including dressing & leveling the bed and depositing the excavated earth at place away from work site with all leads and lifts including cost of all labour T&P articles	67.33	One Cum	Rs 201.63	Rs 13,575.53
2	Filling in foundation and plinth with fine course sand free from organic and materials, well watered and rammed including all cost conveyance, royalty taxes and all labour T&P articles required for the work etc. complete as per the specification and dire	38.07	One Cum	Rs 329.47	Rs 12,541.99
3	Cement concrete of proportion (1:3:6) in foundation and plinth using 4cm size clean hard black hand broken granite metal of approved quality from approved quarry including hoisting lowering & laying concrete in layers not exceeding 9"thick to the required	16.69	One Cum	Rs 4,343.78	Rs 72,489.99
4	R.R.stone masonry of proportion (1:6) in foundation and plinth using hard black broken granite stone of approved quality from approved quarry including hoisting lowering & laying concrete in layers not exceeding 9"thick to the requ	43.86	One Cum	Rs 3,402.62	Rs 149,245.33
5	R.C.C.work of M-20 in column base and footing and column stem upto plinth level having a minimum compressive strength (in work test) 150 kg/Cm ² in 15 cm cubes at 28 days after mixing and test conducted in accordance with IS 456 and IS 516 using 12mm size black hard crusher broken granite chips including hoisting,lowering laying and compacting concrete by using vibrator with watering and curing for 28 days centering and shuttering and finishing the exposed surface smooth providing grooves or beds wherever necessary including cost conveyance, royalties and all taxes of all materials and cost of all labour with T&P required for the work etc.complete in all respect but excluding cost of M.S.Rods or Tor Steel and binding wires and labour charge for bending binding and tying the grills etc.complete in all respect as per direction of Engineer-in-charge.				
a)	RCC Column base and Footing	5.73	One Cum	Rs 5,574.15	Rs 31,947.04
b)	RCC Plinth Band	3.73	One Cum	Rs 5,826.63	Rs 21,742.87
c)	Column in Super structure	2.14	One Cum	Rs 12,687.72	Rs 27,188.20
d)	RCC Beam	4.12	One Cum	Rs 12,687.72	Rs 52,291.50
e)	RCC Lintel	2.25	One Cum	Rs 9,089.72	Rs 20,432.75
f)	RCC Chaja	10.74	One Sqm	Rs 806.90	Rs 8,669.95
g)	RCC Roof slab	10.44	One Cum	Rs 9,677.03	Rs 100,991.94
6	Straightening, bend up or coiled rod, cutting, bending, cranking, hooking welding or jointing (if required) the MS/Tor rod and binding wire, laying the grills and placing in proper position as required for R.C. work providing fan hooks when necessary incl	29.67	One Qntl	Rs 6,047.57	Rs 179,409.56

7	Fly ash brick work in cement mortar (1:6) after immersing brick for six hours in water before use in superstructure with good quality of brick 23cm x 11 cm x 8 cm size having crushing strength not less than 75Kg. Per Sqm. Including splay cutting circular molding and similar such type of work with necessary projections, chamfering and corbelling watering and curing etc. complete including cost conveyance and Royalty, Cess of all materials with all taxes and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.	35.00	One Cum	Rs 4,306.33	Rs 150,710.01
8	20 MM thick(1:4) grading plaster including curing and cost conveyance, royalty taxes of all materials and labour T&P required for the work etc. complete but with out punning as per spe	82.07	One Sqm	Rs 225.94	Rs 18,542.26
9	12mm thick cement plaster in Cement mortar (1:6) to brick work with curing and cost conveyance, royalty of all materials and all labour T&P etc. complete as per specification and direction of the Engineer-in-charge.	101.89	One Sqm	Rs 143.81	Rs 14,653.19
10	16mm thick cement plaster in Cement mortar (1:6) to brick work with curing and cost conveyance, royalty of all materials and all labour T&P etc. complete as per specification and direction of the Engineer-in-charge.	185.25	One Sqm	Rs 203.55	Rs 37,708.02
11	20mm thick cement plaster in Cement mortar (1:6) over stone work with curing and cost conveyance, royalty of all materials and all labour T&P etc. complete as per specification and direction of the Engineer-in-charge.	41.81	One Sqm	Rs 214.93	Rs 8,986.18
12	12mm thick cement plaster in Cement mortar (1:4) to brick work including cement puning and two coat bitumen painting with curing and cost conveyance, royalty of all materials and all labour T&P etc. complete as per specification and direction of the Engineer in charge	43.13	One Sqm	Rs 169.62	Rs 7,315.35
13	Supplying, fitting and fixing of Vitrified tile in floors of size 600mm x 600mm of approved make conforming to IS 13755 laid on 20mm 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 the Engineer-in-charge (For New work only).	59.85	One Sqm	Rs 917.72	Rs 54,923.37
14	Providing and fixing Vitrified tiles in dados, skirtings and risers of steps on 12 mm thick cement plaster (1:3) jointed with neat cement slury mixed with pigment to match the shades of the tiles complete including cost of tiles as directed by the Engineer-in-charge.	10.62	One Sqm	Rs 936.74	Rs 9,950.66
15	Providing and fixing Ceramic tiles in floors, treads or steps and landing on 25 mm thick bed of cement mortar (1:1) jointed with neat cement slury mixed with pigment to match the shades of the tiles complete including cost of tiles as directed by the Engineer-in-charge.	11.02	One Sqm	Rs 735.84	Rs 8,108.81
16	Providing and fixing Ceramic tiles in dados, skirtings and risers of steps on 12 mm thick cement plaster (1:3) jointed with neat cement slury mixed with pigment to match the shades of the tiles complete including cost of tiles as directed by the Engineer-in-charge.	17.42	One Sqm	Rs 715.66	Rs 12,463.58
17	Providing fitting & fixing M.S Door & Windows with Choukath as per approved design including cost of all materials etc complete with all labour T&P articles required for the work etc. complete as per the specification and direction of the Engineer-in-charge	1115.38	One Kg	Rs 73.50	Rs 81,980.48
18	Labour for fitting fixing M.S. Door & Window & G.D. with all cost of labour and T&P etc. complete.	29.02	One Sqm	Rs 70.80	Rs 2,054.75
19	Finishing wall surface of walls with acrylic wall putty (water based) of approved make and finished smooth and even surface to recieved painting including cost of scaffolding staging charges with cost of all materials taxces,labour T&P etc. Complete.	233.65	One Sqm	Rs 75.95	Rs 17,745.49

20	Finishing wall Surface with weather coat with all cost, conveyance etc. complete.	143.70	One Sqm	Rs 32.48	Rs 4,667.90
21	Painting two coat over a coat of Priming with any approved paint to doors, windows iron works including all labour T&P articles required for the work etc complete as per the specification and direction of the E.I.C.	56.55	One Sqm	Rs 133.89	Rs 7,570.84
22	Providing distempering two coats to wall surface over a coat of cement primer to wall surface with any approved of approved shade including cost of distemper etc. Conveyance, taxes of all materials and labour T&P etc complete in all respect as per speci	233.66	One Sqm	Rs 63.36	Rs 14,805.67
23	Provision for Electrification including cost of all materials etc comp.in all respect as per specification and direction of the E.I.C.				Rs 114,271.27
24	Provision for P.H.Fittings including cost of all materials etc comp.in all respect as per specification and direction of the E.I.C.				Rs 171,406.91
<u>Twenty Four items only</u>					Total
Add 1 % Contingency					Rs. 14,283.91
Add 12 % GST					Rs. 171,406.97
					Grand Total
					Rs. 1,614,082.27
					Or Say
					Rs. 1,614,000.00

My/ Our work quoted rate is
than/equal to the above estimated cost.

% (both in figure and words) excess over/less

Signature of Tenderer

Notes :

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

**Consultant Engineer
Phulbani Forest Division**


**Divisional Forest officer
Phulbani Forest Division**