

BILL OF QUANTITY

NAME OF THE WORK: - Construction of PHC Building at Mugupur under Hatadihi Block for the year 2021-22 under NHM.

TENDER AMOUNT	Rs. 6013764.00
EMD @ 1%	Rs. 60200.00
COST OF TENDER PAPER	Rs 10000.00
TIME OF COMPLETION	9 (Nine) months
CLASS OF CONTRACTOR	B & A

SI No	Item of Work	Quantity	Unit	Rate	Amount
1	2	3	4	5	6
1	Earth work in excavation of foundation in hard soil or gravelly soil within 50 m initial lead and initial lift, including dressing and levelling the bed etc. complete	240.17	Each cum	207.89	49928.94
2	Filling in foundation and plinth with excavated earth including watering and ramming as directed by the E.I.C. etc. complete	240.17	Each cum	138.59	33285.96
3	Supplying and filling foundation and plinth with sand well watered and rammed with cost conveyance and royalty, taxes of all materials and labour (T&P) etc. complete.	273.09	Each cum	460.39	125726.70
4	Cement Concrete (1:3:6) in Foundation using 4 cm size bhg metal including watering, curing with cost, conveyance, royalty and taxes of all materials and cost of all labour (T&P) etc. complete as per the direction of Engineer-in-Charge.	80.56	Each cum	4815.53	387939.13
5	Cement Concrete (1:1.5:3) using 12mm size cbhg chips including watering, curing with cost, conveyance, royalty and taxes of all materials and cost of all labour (T&P) etc. complete as per the direction of Engineer-in-Charge.	13.31	Each cum	7035.82	93646.83
6	R.C.C. M20 using 20 mm & down size b.h.g.c.b chips including watering, curing with cost, conveyance, taxes and cost of all labour (T&P) etc. complete as per the direction of Engineer-in-Charge.				
A	Foundation footing	24.38	Each Cum	5370.16	130924.44
B	Plinth Beam	15.77	Each Cum	5730.18	90364.86
C	Column and Beams (GF)	27.02	Each Cum	11093.74	299752.85
	F.F.	1.16	Each Cum	12342.16	14316.91
D	Lintel(GF)	7.91	Each Cum	8942.35	70733.98
	F.F.	0.25	Each Cum	9760.49	2440.12
E	Sunshade(GF)	16.45	Each Sqm	811.81	13351.56
	F.F.	1.38	Each Sqm	909.71	1255.93
F	Staircase,GF	2.50	Each Sqm	10622.75	26601.07
G	Roof slab,landing & Chajja	37.21	Each Cum	9513.87	354011.01
7	Cutting, Bending, binding and tying the grills and placing in position including cost, conveyance, taxes of all materials and cost of all labour (T&P) etc. complete as per the direction of Engineer-in-Charge.	132.29	Each Qm	8959.13	1185203.31

8	20mm thick C.P. (1:4) as grading plaster including watering, curing, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.	277.98	Each Sqm	234.58	65208.99
9	Fly Ash Brick masonry with CM (1:6) in foundation including watering, curing with cost, conveyance, royalty and taxes of all materials & labour (T&P) etc. complete as per the direction of Engineer-in-Charge.	64.11	Each Cum	4231.73	271296.24
10	Fly Ash Brick masonry with CM (1:6) in superstructure including watering, curing with cost, conveyance, royalty and taxes of all materials & labour (T&P) etc. complete as per the direction of Engineer-in-Charge.GF	105.13	Each Cum	4265.06	448385.81
	Fly Ash Brick masonry with CM (1:6) in superstructure including watering, curing with cost, conveyance, royalty and taxes of all materials & labour (T&P) etc. complete as per the direction of Engineer-in-Charge.FF	16.38	Each Cum	4904.82	80340.87
11	16mm thick C.P. (1:6) including watering, curing, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.GF	652.31	Each Sqm	199.36	130042.56
	16mm thick C.P. (1:6) including watering, curing, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.FF	112.84	Each Sqm	203.61	22976.61
12	12mm thick C.P. (1:6) including watering, curing, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.GF	275.92	Each Sqm	140.00	38629.21
	12mm thick C.P. (1:6) including watering, curing, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.FF	88.85	Each Sqm	144.77	12863.12
13	Supplying, fitting, fixing of Vetrified tile flooring on 20mm thick bed of C.M. (1:4) jointed with neat cement slurry & pigment to match the shade including watering & curing with cost, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.	225.46	Each Sqm	953.76	215034.38
14	Supplying, fitting, fixing of Vetrified tile in dados on 12mm thick C.P. (1:3) jointed with neat cement slurry & pigment to match the shade including watering & curing with cost, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.	2.76	Each Sqm	1369.77	3780.5652
15	Supplying, fitting, fixing of Ceramic Glazed Wall tile in walls on 12mm thick C.P. (1:3) jointed with neat cement slurry & pigment to match the shade including watering & curing with cost, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.	492.36	Each Sqm	1059.73	521768.6628
16	Fixing tiles (Vitrified Industrial Tiles) in floors treads or steps and landing on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 sand) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubing and polishing with cost,coveyance of all materials etc. complete.GF	50.32	Each Sqm	1218.52	61314.76271
	Fixing tiles (Vitrified Industrial Tiles) in floors treads or steps and landing on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 sand) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubing and polishing with cost,coveyance of all materials etc. complete.FF	4.02	Each Sqm	1236.89	4973.37

17	Supplying, fitting, fixing of A.I.Vetrified tile in dados on 12mm thick C.P. (1:3) jointed with neat cement slurry & pigment to match the shade including watering & curing with cost, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.GF	8.51	Each Sqm	1259.11	10714.40
	Supplying, fitting, fixing of A.I.Vetrified tile in dados on 12mm thick C.P. (1:3) jointed with neat cement slurry & pigment to match the shade including watering & curing with cost, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.FF	0.84	Each Sqm	1285.53	1075.99
18	Fixing Granite tiles (20mm thick) in floors treads or steps and landing on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 sand) jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing with cost, conveyance of all materials etc. complete.GF	5.12	Each Sqm	2521.79	12911.56
19	6mm thick C.P. (1:4) as ceiling plaster including watering, curing, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.	315.24	Each Sqm	156.02	49183.11
20(a)	Providing, supplying and fitting and fixing of M.S. Door / Window shutters, gates & M.S. grills as per approved design etc. complete.M.S.Grill	772.50	Each KG	92.93	71788.12
(b)	M.S.Door&Window	1505.47	Each KG	148.55	223632.82
21	Supplying, fitting, fixing up window (sliding type) made up aluminium section 9778 as window frame Section No. 4095, 4096 and 9777, 3994 as shutter frame pannel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes of labour, T&P etc. complete.	28.74	Each Sqm	3651.23	104936.43
22	Providing and fixing Al Door with OEL anodized Al door section of 9202 as vertical member and 9200 as bottom and middle member and 6 mm plain glass in top portion with 12 mm thick pre-laminated Board in bottom portion fixed on Door frame by means of tapered clip no 4660 and the frame to be completed by means of jointing angle no1855 including cost of all materials and labour etc complete	40.00	Each Sqm	7000.75	280029.93
23	Providing fitting, fixing of Al. Door with OEL anodized Al. door section 9202 as vertical member, 9201 as top member and 12mm thick pre-laminated board fixed on door frame by means of tapered clip No. 4660 and the frame to be completed by means of jointing angle No. 1885 including all cost of labour, T&P hire charges of drilling machine, labour charges etc.complete as per the direction of Engineer-in-Charge.	9.77	Each Sqm	5788.22	56550.95
24	Wall painting two coat with plastic emulsion paint over a coat of priming including cost of all materials and labour etc.	411.82	Each Sqm	141.59	58309.18
25	Painting two coats over a coat of primer with any approved Enamel paints including cost, conveyance of all materials and labour (T&P) etc. complete as per the direction of Engineer-in-Charge.	42.85	Each Sqm	179.87	7707.58
26	Finishing wall surface with Acrylic wall putty (Water based) including cost of all materials and labour etc. complete.	477.39	Each Sqm	72.26	34494.17
27	Finishing out side wall surface with Weather Coat (I.S.I) two coats with any approved shade over a coat of priming including cost of all materials and labour (T&P) etc. complete as per the	541.00	Each Sqm	135.08	73076.93

28	Providing and laying 60 mm thick factory made cement concrete interlocking pavor block of M-30 grade made by block machine with strong vibratory compaction of approved size ,design and shape laid in required colour and pattern over and including 50 mm thick compacted bed of coarse sand ,filling the joint with fine sand etc. all complete as per the direction of engineer-in-charge.	242.33	Each Sqm	1015.22	246018.26
29	Providing MS Colour sheets (as per IS :14871)up to any pitch and fixing with polymer coated J or L hook and bitumen washer and bolt etc. complete with supply of all labour, taxes, T & P etc.(As SR-page no 127/36	22.32	Each Sqm	656.57	14654.57
30	Labour for fixing A.C Sheet ridges or valleys roof drilling hole in wind	24.61	Each rm	321.43	7910.35
31	Providing and fixing 100 mm dia PVC rain water pipe 1 mtr long with all cost of labour and materials etc. complete.	18.68	Each rm	250.05	4670.93
TOTAL CIVIL WORK					6013764.08
			say		6013764.00

Approved for 31 (thirty one) items only

Rupees sixty lakh thirteen thousand Seven Hundred Sixty Four only

P. S. M.
14/12/21
Assistant Engineer
NHM, Keonjhar

[Signature]
15.12.2021
Executive Engineer
DRDA Keonjhar

TO BE FILLED BY THE TENDERER

1) My/ Our quoted rate is (both in figure and words)

Equal to Estimate Cost

Excess in Percentage

Less in Percentage

	in Figure	In words
	%	
	%	
	%	

Notes:-

1) The Tenderer should quote the percentage up to one decimal point only.

2) The Tenderer should go through the special conditions in the DTCN for percentage rate contract before tendering .

3) The Tenderers should quoted their percentage only inside the space provided for the purpose .

4) The percentage quoted at any other place will not be taken into consideration.

Executive Engineer
DRDA Keonjhar

[Signature]
24/05/22
Block Development Officer
Hatadihi

Signature of the Contractor