

## BILL OF QUANTITY

**Construction of Sub Centre Building at Chhenapai under Hatadihi block for the year 2021-22 under NHM**

**TENDER AMOUNT**  
**EMD @ 1%**  
**COST OF TENDER PAPER**  
**TIME OF COMPLETION**  
**CLASS OF CONTRACTOR**

Rs. 2081914.00  
 Rs. 20900.00  
 Rs 6000.00  
 Six months  
 B & C

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	91.01	Each cum	207.89	18920.07
2	Supplying and filling foundation and plinth with sand wall watered and rammed with cost conveyance and royalty, taxes of all materials and labour (T&P) etc. complete.	91.01	Each cum	138.59	12613.38
3	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.	68.12	Each cum	460.39	31361.47
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.	21.46	Each cum	4745.70	101842.73
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.	0.74	Each cum	6961.46	5151.48
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	13.40	Each Cum	5299.18	71008.98
B	Plinth Beam	5.44	Each Cum	5659.20	30786.02
C	Column and Beams ( GF )	8.10	Each Cum	11022.76	89284.36
	Column and Beams ( FF )	0.55	Each Cum	12271.18	6749.15
D	Lintel( GF )	3.39	Each Cum	8871.37	30073.94
	Lintel ( FF )	0.10	Each Cum	9689.51	968.95
E	Sunshade( GF )	9.47	Each Sqm	807.20	7642.42
	Sunshade( FF )	0.84	Each Sqm	905.10	757.57
F	R.C.C Shelves	2.14	Each Sqm	773.00	1653.45
G	R.C.C Stair	1.52	Each Cum	10551.76	16031.44

H	Roof slab,landing & Chajja	10.27	Each Sgm	9442.88	96978.35
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.	47.74	Each Qntl	8954.77	427500.72
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.	89.81	Each Sgm	231.95	20831.48
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.	27.23	Each Cum	4193.91	114200.18
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.				
A	GF	44.96	Each	4227.24	190056.73
B	FF	10.20	Each	4861.33	49585.56
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.				
A	GF	319.64	Each	199.19	63668.13
B	FF	63.25	Each	203.44	12868.12
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.				
A	GF	304.03	Each	139.84	42516.01
B	FF	50.30	Each	144.62	7274.84
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.	72.93	Each Sgm	953.29	69523.33
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.	13.50	Each Sgm	1369.20	18484.2
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.	24.41	Each Sgm	1059.16	25854.0956
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.				
A	GF	28.72	Each Sgm	1258.53	36144.14
B	FF	0.33	Each Sgm	1284.96	418.25

17	Supplying, fitting, fixing or vetting industrial 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.	8.04	Each Sqm	1258.53	10124.24
18	Supplying, fitting, fixing of Grinite 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.	4.73	Each Sqm	2520.66	11922.72
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.				
A	GF	141.06	Each Sqm	155.87	21986.74
B	FF	1.77	Each Sqm	159.21	281.80
20	Providing, supplying and fitting and fixing of M.S. Door / Window shutters, gates & M.S. grills as per approved design etc. complete.				
	MS Grills..	86.10	Each KG	92.93	8001.24
	MS Door & Windows	1637.75	Each KG	148.55	243282.19
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.	1.12	Each Sqm	3651.23	4089.38
22	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	13.44	Each Sqm	656.39	8821.84
23	Wall painting two coat with plastic emulsion paint over a coat of priming including cost of all materials and labour etc.				
A	GF	413.05	Each Sqm	155.31	64150.08
B	FF	25.14	Each Sqm	156.58	3936.38
24	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.	87.29	Each Sqm	179.87	15701.16
25	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 direction of Engineer-in-Charge.				
A	GF	326.87	Each Sqm	135.08	44152.78
B	FF	92.43	Each Sqm	159.21	14715.63
26	Supplying, fitting afixing of stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in stair case as per approved design and specification, buffing, polishing etc. with cost conveyance, taxes of all materials labour, T&P etc. required for the complete as per the direction of Engineer-in-Charge.	7.91	Each Rmt	3501.98	27684.87

27	Providing and fixing 100 mm dia PVC rain water pipe 1 mtr long with all cost of labour and materials etc. complete.	9.25	Each Rmt	250.05	2312.96
				Total	2081913.58
				say	2081914.00

**TOTAL 27 (Twenty Seven) NOS ITEM ONLY**

Approved for 27(Twenty Seven) items only

*R. N. M.*  
*14/12/21*  
**Assistant Engineer**  
 NHM, Keonjhar

*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 words	In Figure
		%
		%
		%

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

**Executive Engineer**  
 DRDA Keonjhar

*3/4 05/10/22*  
**Block Development Officer**  
 Hatadihi Block

**Signature of the Contractor**