

## BILL OF QUANTITY

**NAME OF THE WORK: - Construction of DAYCARE PHC Building at Baikala under Saharpada block for the year 2022-23 under NHM.**

**TENDER AMOUNT**

Rs. 7126798.00

**EMD @ 1%**

Rs.71300.00

**COST OF TENDER PAPER**

Rs 10000.00

**TIME OF COMPLETION**

9 months

**CLASS OF CONTRACTOR**

B

SI No	Item of Work	Quantity	Unit	Rate	Amount
1	2	3	4	5	6
1	Earth work in excavation of foundation in all kind of soil within 50 m initial load and initial lift, including dressing and levelling the bed etc. complete	289.29	Each cum	219.77	63577.26
2	Filling in foundation and plinth with excavated earth including watering and ramming as directed by the E.I.C. etc. complete	289.29	Each cum	146.51	42384.84
3	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.	272.08	Each cum	480.74	130800.86
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.	67.00	Each cum	4406.83	295257.48
5	R.C.C. M-25 using 20 mm & down size 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	48.45	Each Cum	5573.79	270050.25
B	Plinth Beam	28.35	Each Cum	5941.13	168430.90
C	Column and Beams ( GF )	31.61	Each Cum	11513.26	363934.15
	Column and Beams ( FF )	2.39	Each Cum	12809.56	30614.84
D	Lintel( GF )	8.26	Each Cum	9236.65	76294.75
	Lintel( FF )	0.00	Each Cum	10077.63	0.00
E	Sunshade( GF )	18.46	Each Sqm	838.90	15486.54
	Sunshade( FF )	0.84	Each Sqm	939.61	786.45
F	RCC Stairs	2.24	Each Cum	11030.22	24694.43
G	Roof slab(GF)	51.96	Each Cum	9842.13	511396.95
	Roof slab(FF)	2.80	Each Cum	5362.73	15015.64
6	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.	189.94	Each Qntl	9192.09	1745945.57
7	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.				
	GF	389.11	Each Sqm	232.32	90399.79

	FF	21.91	Each Sqm	237.33	5199.97
8	Fly Ash Brick masonry with CM (1:6) in Foundation & Plinth 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.	87.55	Each Cum	4229.56	370297.72
9	Fly Ash Brick masonry with C.M. (1:6) in Superstructure using Fly Ash Bricks including watering and curing with cost, conveyance, royalty and all taxes of materials and labour (T&P) required for the work etc. complete as per direction of Engineer-in-Charge.				
	GF	108.92	Each Cum	4262.89	464313.65
	FF	25.81	Each Cum	4902.32	126528.84
10	16 mm (5/8") thick cement plaster (1:6) over brick walls finished smooth 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	469.06	Each Sqm	205.80	96533.72
	FF	40.49	Each Sqm	210.27	8514.10
11	12mm thick C.P. (1:6) over brick walls finished smooth 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	289.99	Each Cum	143.81	41703.32
	FF	200.20	Each Cum	148.82	29793.98
12	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.	269.81	Each Sqm	965.12	260399.86
13	Supplying, fitting, fixing of Granite tile ( 20mm thick ) 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.	26.25	Each Sqm	2535.82	66561.38
14	Supplying, fitting, fixing of Granite tile ( 20mm thick ) 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.	8.98	Each Sqm	2295.87	20616.9126
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.	418.64	Each Sqm	1239.07	518724.2648
16	Supplying, fitting, fixing of Antiskid Vetrified tile (2'0"X2'0") 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.	25.74	Each Sqm	1288.35	33167.72035
17	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.				

	GF	488.17	Each Sqm	160.69	78445.75
	FF	16.37	Each Sqm	164.20	2688.02
18	Providing, supplying and fitting and fixing of M.S. Door / Window shutters, gates & M.S. grills as per approved design etc. complete as per direction of Engineer-in-Charge..				
	MS Grill				
	MS Door And Window	1208.75	Each KG	95.62	115581.77
		443.22	Each KG	153.91	68217.75
19	Providing fitting, fixing of Three Track Sliding Window made out of UPVC Sections and panel with clear glass including all cost of labour, T&P hire charges of drilling machine, labour charges etc. complete as per direction of Engineer-in-Charge..	44.97	Each Sqm	5984.00	269100.48
20	Supplying fitting and fixing of GI Pressed Steel door with frames(100x80)mm size , 42mm thick steel shutter coated with polymer powder including cost of all hard ware fittings such as Stainless Steel Tower Bolt, SS Handle, Stainless, Steel ball bearing Butt hinges anchor fastner including cutting in brick / RCC wall complete as per direction of Engineer-in-Charge..	29.30	Each Sqm	6735.00	197335.50
21	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.	11.39	Each Sqm	5788.22	65927.88
22	Wall painting two coat with plastic emulsion paint over a coat of priming including cost of all materials and labour etc. complete as per the direction of Engineer-in-Charge.				
	GF	795.06	Each Sqm	160.69	127762.14
	FF	51.13	Each Sqm	162.03	8284.39
23	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.	53.28	Each Sqm	200.58	10687.03
24	Finishing wall surface with Acrylic wall putty (Water based) including cost of all materials and labour etc. complete as per the direction of Engineer-in-Charge.				
	GF	795.06	Each Sqm	74.69	59383.55
	FF	51.13	Each Sqm	76.28	3900.15
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.				
	GF	452.16	Each Sqm	139.82	63219.16
	FF	200.20	Each Sqm	165.08	33049.52

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.	16.15	Each Rmt	3513.40	56756.81
27	Providing and laying 60 mm thick factory made cemenkt concrete interlocking pavor block of M-30 grade made by block makine 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.	68.63	Each Sqm	1022.76	70192.02
28	Supplying, fitting, fixing of 100mm dia PVC rain water down pipes including cost, conveyance & taxes of all materials and labour etc. complete as per the direction of engineer-in-charge.	35.36	Each Rmt	250.00	8840.00
<b>TOTAL CIVIL WORK</b>					<b>7126798.07</b>
					<b>Say 7126798.00</b>

Approved for 28 (Twenty Eight ) items only

Rupees seventy one lakh twenty six thousand Seven hundred ninety eight only

  
 19/12/22  
 Assistant Engineer  
 NHM, Keonjhar

  
 20/12/2022  
 Additional Executive Officer(Technical)  
 Zilla Parishad Keonjhar

**TO BE FILLED BY THE TENDERER**

1) My/ Our qouted 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 qoute 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 qouted their percentage only inside the space provided for the perpose .
- 4) The percentage qouted at any other place will not be taken into consideration.
- 5) If any discrepancy is found in the percentage qouted in words and figures then the percentage qouted by the contractor in words shall be taken as correct .

Additional Executive Officer(Technical)  
 Zilla Parishad Keonjhar

  
 05/01/2023  
 Block Development Officer  
 Saharpada

Signature of the Contractor