

BILL OF QUANTITY

**NAME OF THE WORK: - Construction of PHC Building at Panasadiha under Anandapur Block
for the year 2022-23 under DMF.**

TENDER AMOUNT

Rs. 6873175.00

EMD @ 1%

Rs. 69000.00

COST OF TENDER PAPER

Rs 10000.00

TIME OF COMPLETION

Nine months

CLASS OF CONTRACTOR

B & A

Sl 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	260.75	Each cum	215.15	56100.36
2	Filling in foundation and plinth with excavated earth including watering and ramming as directed by the E.I.C. etc. complete	260.75	Each cum	143.43	37399.37
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.	315.54	Each cum	639.72	201857.25
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.	89.43	Each cum	4362.49	390137.48
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.	16.29	Each cum	7065.05	115089.66
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	40.22	Each Cum	5375.39	216198.19
B	Plinth Beam	15.93	Each Cum	5739.88	91436.29
C	Column and Beams (GF)	30.62	Each Cum	11230.91	343890.46
D	Lintel(GF)	8.69	Each Cum	9002.89	78235.11
E	Sunshade(GF)	17.72	Each Sqm	820.61	14541.21
	Sunshade(FF)	1.40	Each Sqm	920.23	1288.32
F	R.C.C Stair	1.94	Each Cum	10752.54	20859.93
G	Roof slab,landing & Chajja	48.67	Each Sqm	9595.25	467000.82
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.	162.93	Each Qntl	8612.37	1403213.44
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.	379.69	Each Sqm	239.20	90821.85

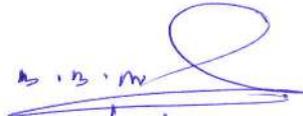
9	Fly Ash Brick masonry with CM (1:6) in foundation including watering, curing with cost, conveyance, royalty and taxes of all materials & labour (T&P) etc. complete as per the direction of Engineer-in-Charge.	90.80	Each Cum	4458.74	404853.59
10	Fly Ash Brick masonry with CM (1:6) in superstructure including 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	113.52	Each Cum	4492.07	509939.79
	FF	22.53	Each Cum	5165.88	116387.28
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	775.82	Each Sqm	206.49	160199.07
C	FF	95.71	Each Sqm	210.88	20183.32
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	308.42	Each Sqm	145.01	44723.98
B	FF	113.17	Each Sqm	149.92	16966.45
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.	279.20	Each Sqm	974.52	272085.98
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.	39.25	Each Sqm	1400.98	54988.47
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.				
A	GF	392.53	Each Sqm	1090.94	428226.68
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 slurry mixed with pigment to match the shades of the tiles including rubbing and polishing with cost, conveyance of all materials etc. complete.				
	GF	19.44	Each Sqm	1290.33	25084.02
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.				
A	GF	389.53	Each Sqm	160.31	62445.55
18	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	1100.00	Each KG	89.70	98670.00

	Providing, supplying and fitting and fixing of M.S. Door / Window shutters, gates & M.S. grills as per approved design etc. complete.M.S door/window	463.75	Each KG	146.95	68148.06
19	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.	42.32	Each Sqm	3685.53	155971.63
20	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 prelaminated 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	33.48	Each Sqm	7041.46	235748.08
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.	11.16	Each Sqm	5788.22	64596.54
22	Wall painting two coat with plastic emulsion paint over a coat of priming including cost of all materials and labour etc.				
A	GF	713.57	Each Sqm	158.64	113200.74
23	Finishing wall surface with Acrylic wall putty(water based of approved make and finished smooth and even to receive paint in including cost of scaffolding etc complete				
A	GF	713.57	Each Sqm	74.01	52811.32
24	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	542.64	Each Sqm	138.01	74889.75
25	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 32mm*32mm*2mm in 3 rows in staircase as per approved design and specification buffing, polishing etc complete	18.59	Each Rmt	3508.95	65231.38
26	Providing and laying 60 mm thick factory made cement 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.	144.20	Each Sqm	1031.12	148687.50
27	Fixing G.C.I sheet in roof drilling hole in wind ties including fixing of ridges valleys wind ties excluding cost including cost, conveyance & taxes of all materials and labour etc. complete	16.72	Each Sqm	1044.90	17470.73
28	Providing and fixing 100 mm dia PVC rain water pipe with all cost of labour and materials etc. complete.	27.43	Each Rmt	150.00	4114.50
29	Providing signage including all charges.	1.00	Each Nos	2500.00	2500.00
Dismantling					

30	Dismantling Brick or stone Masonry in cement mortar etc complete as per direction of Engineer-in-Charge.	55.20	Each Sqm	1137.28	62777.86
31	Dismantling & removing R.C .C Columns,beams, slab, Lintel Stair sace etc complete as per direction of Engineer-in-Charge.	12.61	Each Sqm	1205.64	15203.12
32	Dismantling Doors & Windows, veninges, fastening, stacking the same for reuse & removing the debries within 50 mtr leadtilators	101.21	Each Sqm	325.93	32987.38
33	Dismantling G.C.I or A.C Sheet Roofing , stacking the useful materialsetc complete as per direction of Engineer-in-Charge.	34.84	Each Sqm	62.77	2186.91
34	Removing Dismantling and removing old tiled Flooring including racking out joints 12 mm deep stacking the useful materials etc complete	135.82	Each Sqm	101.79	13825.12
TOTAL					6873174.53
					say 6873175.00

Approved for 34 (Thirty Four) items only

Rupees Sixty Eight Lakh Seventy Three Thousand One Hundred Seventy Five only


27/10/22
Assistant Engineer
NHM, Keonjhar


Additional Executive Officer(Technical)
Zilla Parishad 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.
- 5) If any discrepancy is found in the percentage quoted in words and figures then the percentage quoted by the contractor in words shall be taken as correct .

Additional Executive Officer(Technical)
Zilla Parishad Keonjhar


Block Development Officer
Anandapur

Signature of the Contractor