

BILL OF QUANTITY

Name of the work :-

Construction of 2 Nos (Flat type)D-type Qtrs at Jharbeda PHC under Ghatgaon block for the year 2022-23 under OMBADC.

TENDER AMOUNT	Rs. 4890560.00
EMD @ 1%	Rs. 49000
COST OF TENDER PAPER	Rs 6000.00
TIME OF COMPLETION	Nine 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 hard soil or gravelly soil within 50 m initial lead and initial lift, including dressing and levelling the bed etc. complete	107.52	Each cum	219.77	23629.67
2	Filling in foundation and plinth with excavated earth including watering and ramming as directed by the E.I.C. etc. complete	107.52	Each cum	146.51	15753.11
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.	106.93	Each cum	685.16	73264.60
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.	33.95	Each cum	4343.82	147472.62
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.	1.62	Each cum	6536.43	10589.02
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	19.10	Each Cum	4834.14	92332.12
B	Plinth Beam	7.62	Each Cum	5201.49	39635.32
C	Column and Beams				
a	GF	11.85	Each Cum	10773.62	127667.40
b	FF	10.19	Each Cum	12069.91	122992.43
c	2nd F	2.01	Each Cum	13621.62	27379.46
D	Lintel				
a	GF	3.75	Each Cum	8497.01	31863.80

b	FF	3.76	Each Cum	9337.99	35110.83
E	Sunshade				
a	GF	10.20	Each Sqm	790.82	8068.03
b	FF	7.69	Each Sqm	893.19	6869.59
c	2nd F	0.84	Each Sqm	1015.78	850.21
F	R.C.C Shelves				
a	GF	2.65	Each Sqm	764.92	2027.43
b	FF	2.65	Each Sqm	874.99	2319.16
G	R.C.C Stair				
a	GF	1.66	Each Cum	10290.58	17087.37
b	FF	1.55	Each Cum	11490.26	17840.03
H	Roof slab,landing & Chajja				
a	GF	12.73	Each Cum	9102.48	115874.54
b	FF	12.73	Each Cum	10064.55	128121.71
c	2nd F	2.25	Each Cum	11215.18	25234.16
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.				
a	GF	63.18	Each Qntl	9196.45	581031.71
b	FF	36.38	Each Qntl	9412.45	342424.98
c	2nd F	5.58	Each Qntl	9639.25	53786.99
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.				
a	FF	120.79	Each Sqm	241.93	29222.58
b	2nd F	22.39	Each Sqm	247.19	5534.54
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.	39.51	Each Cum	4317.59	170587.86
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	60.97	Each Cum	4350.92	265275.41
b	FF	57.49	Each cum	4593.15	264060.14
c	2nd F	10.81	Each cum	4871.71	52663.14

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	317.37	Each Sqm	209.66	66540.59
b	FF	318.04	Each Sqm	217.11	69050.34
c	2nd F	42.60	Each Sqm	224.94	9581.56
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	250.58	Each Sqm	147.04	36845.16
b	FF	170.27	Each Sqm	152.04	25888.51
c	2nd F	137.45	Each Sqm	157.30	21621.77
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.				
a	GF	88.61	Each Sqm	964.40	85455.76
b	FF	110.03	Each Sqm	973.30	107092.48
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.				
a	GF	12.79	Each Sqm	1398.09	17881.57
b	FF	15.25	Each Sqm	1425.80	21743.46
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		64.43	Each Sqm	1237.22	79714.08
b		64.43	Each Sqm	1264.93	81499.31
16	Supplying, fitting, fixing of Granite 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.				
a	GF	16.09	Each Sqm	2534.13	40768.15
b	FF	16.09	Each Sqm	2553.40	41078.02

17	Supplying, fitting, fixing of Granite 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		6.87	Each Sqm	2655.44	18242.63
b		6.87	Each Sqm	2683.15	18433.00
18	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.				
a	GF	28.54	Each Sqm	1230.88	35124.65
b	FF	8.28	Each Sqm	1250.14	10347.42
19	Supplying, fitting, fixing of Vetrified 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.				
a	GF	5.42	Each Sqm	1287.44	6974.98
20	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	136.91	Each Sqm	162.38	22231.92
b	FF	131.68	Each Sqm	165.89	21844.51
c	2nd F	18.34	Each Sqm	171.92	3152.94
21	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				
a	M.S. grill	175.00	Each KG	95.62	16733.66
b	M.S.door/window	3021.00	Each KG	153.91	464971.48
22	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.	1.49	Each Sqm	3707.36	5523.97

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.	6.51	Each Sqm	5788.22	37681.34
24	Wall painting two coat with plastic emulsion paint over a coat of priming including cost of all materials and labour etc.				
a	GF	421.27	Each Sqm	146.35	61651.77
b	FF	432.56	Each Sqm	149.11	64499.76
c	2nd F	16.57	Each Sqm	151.96	2517.98
25	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	421.27	Each Sqm	74.72	31477.57
b	FF	432.56	Each Sqm	75.94	32847.06
c	2nd F	16.57	Each Sqm	77.19	1279.02
26	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.				
a	GF	98.20	Each Sqm	200.60	19699.15
b	FF	63.67	Each Sqm	205.09	13057.97
c	2nd F	5.13	Each Sqm	209.71	1075.83
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 direction of Engineer-in-Charge.				
a	GF	272.97	Each Sqm	139.83	38168.28
b	FF	187.43	Each Sqm	143.56	26908.02
c	2nd F	139.23	Each Sqm	147.44	20527.67
28	Supplying, fitting and fixing 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.	16.77	Each Rmt	3513.40	58913.66
29	Providing and fixing 100 mm dia PVC rain water pipe with all cost of labour and materials etc. complete.	24.00	Each Rmt	250.05	6001.20

30	Providing and laying 60 mm thick factory made cement concrete interlocking pavor block of M-30 grade made by block make 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.	311.92	Each Sqm	979.48	305519.87
31	Dismantling Brick or stone Masonery in cement mortar below 3.00 mtr including removal of debris within 50m lead complete.	3.29	Each Cum	1161.70	3822.00
					4890560.05
			say		4890560.00

Approved for 31 (thirty one) items only

Rupees forty eight lakh ninety thousand five hundred sixty only

A. B. M. V.
13/02/2023
Assistant Engineer
NHM, Keonjhar

Boon
13/2/2023
Additional Executive Officer(Technical)
Zilla Parishad, Keonjhar

Asahy
13.2.2023
Block Development Officer
Ghatgaon

TO BE FILLED BY THE TENDERER

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

	in Figure	In words
Equal to Estimate Cost	%	
Excess in Percentage	%	
Less in Percentage	%	

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
Ghatgaon

Signature of the Contractor