

BILL OF QUANTITY

Name of the work :-

Construction of HWC-SC Building at Erendei under Patna block for the year 2022-23 under PM-ABHIM.

TENDER AMOUNT

Rs. 3343901.00

EMD @ 1%

Rs. 33500

COST OF TENDER PAPER

Rs 6000.00

TIME OF COMPLETION

Nine months

CLASS OF CONTRACTOR

C & 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	90.17	Each cum	215.15	19400.08
2	Filling in foundation and plinth with excavated earth including watering and ramming as directed by the E.I.C. etc. complete	90.17	Each cum	143.43	12933.38
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.	79.74	Each cum	301.98	24079.82
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.	24.52	Each cum	4306.58	105597.44
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.	1.02	Each cum	6694.05	6827.93
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	5003.02	67040.40
B	Plinth Beam	6.08	Each Cum	5367.51	32634.46
C	Column and Beams				
a	GF	8.58	Each Cum	10858.54	93166.27
b	FF	7.12	Each Cum	12136.22	86409.89
c	2nd F	1.16	Each Cum	13665.67	15852.18
D	Lintel				
a	GF	3.64	Each Cum	8630.62	31415.46
b	FF	2.46	Each Cum	9462.72	23278.29
E	Sunshade				
a	GF	8.28	Each Sqm	796.42	6596.38
b	FF	6.14	Each Sqm	897.58	5509.36
c	2nd F	0.84	Each Sqm	1018.74	852.69

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F	R.C.C Shelves				
a	GF	2.14	Each Sqm	767.47	1641.62
b	FF	1.12	Each Sqm	876.26	977.91
G	R.C.C Stair				
a	GF	1.42	Each Cum	10380.17	14733.19
b	FF	1.42	Each Cum	11562.18	16410.89
H	Roof slab, landing & Chajja				
a	GF	10.21	Each Cum	9222.89	94165.74
b	FF	8.69	Each Cum	10173.44	88407.18
c	2nd F	1.26	Each Cum	11310.33	14251.02
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	48.22	Each Qntl	8614.72	415401.80
b	FF	25.46	Each Qntl	8826.68	224727.27
c	2nd F	3.20	Each Qntl	9049.23	28957.53
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	77.58	Each Sqm	232.22	18015.76
b	2nd F	12.50	Each Sqm	237.38	2967.30
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.	38.34	Each Cum	4379.30	167902.32
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	50.39	Each Cum	4412.63	222352.38
b	FF	37.98	Each cum	4650.23	176615.85
c	2nd F	8.98	Each cum	4923.49	44212.90
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	305.83	Each Sqm	200.49	61316.62
b	FF	252.28	Each Sqm	207.80	52423.77
c	2nd F	26.20	Each Sqm	215.48	5645.41
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	180.05	Each Sqm	140.00	25206.37

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b	FF	195.34	Each Sqm	144.91	28306.57
c	2nd F	95.37	Each Sqm	150.07	14313.04
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	73.50	Each Sqm	968.05	71151.34
b	FF	58.68	Each Sqm	976.80	57318.53
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	13.74	Each Sqm	1396.59	19189.15
b	FF	10.05	Each Sqm	1423.80	14309.16
15	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 rubing and polishing with cost,coveyance of all materials etc. complete.				
a	GF	29.10	Each Sqm	1236.67	35987.88
b	FF	33.91	Each Sqm	1255.59	42570.73
c	2nd F	0.33	Each Sqm	1275.45	415.16
16	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	9.90	Each Sqm	1285.93	12736.49
b	FF	6.65	Each Sqm	1313.14	8731.74
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	139.59	Each Sqm	157.83	22031.21
b	FF	115.89	Each Sqm	161.27	18690.11
c	2nd F	10.77	Each Sqm	167.19	1800.60
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				
		50.00	Each KG	89.70	4485.23
19	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				
		2733.25	Each KG	146.96	401668.58
20	Wall painting two coat with plastic emulsion paint over a coat of priming including cost of all materials and labour etc.				
a	GF	409.73	Each Sqm	144.53	59219.06
b	FF	336.36	Each Sqm	147.25	49529.16

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c	2nd F	37.73	Each Sqm	150.05	5661.37
21	Finishing wall surface with Acrylic wall putty(water based of approved make and finished smooth and even to receive paint including cost of scaffolding etc complete				
a	GF	409.73	Each Sqm	74.03	30332.03
b	FF	336.36	Each Sqm	75.23	25302.87
c	2nd F	37.73	Each Sqm	76.45	2884.63
22	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	77.77	Each Sqm	197.70	15375.33
b	FF	63.36	Each Sqm	202.11	12805.90
c	2nd F	5.13	Each Sqm	206.66	1060.16
23	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	215.74	Each Sqm	138.01	29774.37
b	FF	245.35	Each Sqm	151.06	37061.46
c	2nd F	84.70	Each Sqm	154.87	13118.01
24	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.	26.83	Each Rmt	3508.95	94142.66
25	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
					3343900.58
			say		3343901.00

Approved for 25 (twenty five) items only

Rupees thirty three lakh forty three thousand nine hundred one only

B. B. M.
27/10/22
Assistant Engineer
NHM, Keonjhar

28/10/22
Additional Executive Officer(Technical)
Zilla Parishad, Keonjhar
Block Development Officer
PATNA, KEONJHAR
20.01.23

TO BE FILLED BY THE TENDERER

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

Equal to Estimate Cost

in Figure

%

In words

20.01.23

• Excess in Percentage

%

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Less in Percentage

%

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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 quote 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
Patna

Signature of the Contractor