

## BILL OF QUANTITY

Name of the work :-

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

**TENDER AMOUNT**

Rs. 3340339.00

**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	497.52	39672.18
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	4501.71	110382.03
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	6559.76	6690.95
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	4884.35	65450.22
B	Plinth Beam	6.08	Each Cum	5248.84	31912.95
C	Column and Beams				
a	GF	8.58	Each Cum	10739.87	92148.08
b	FF	7.12	Each Cum	12017.55	85564.92
c	2nd F	1.16	Each Cum	13546.99	15714.51
D	Lintel				
a	GF	3.64	Each Cum	8511.95	30983.50
b	FF	2.46	Each Cum	9344.04	22986.35
E	Sunshade				
a	GF	8.28	Each Sqm	788.70	6532.46
b	FF	6.14	Each Sqm	889.87	5462.01
c	2nd F	0.84	Each Sqm	1011.03	846.23

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F	R.C.C Shelves				
a	GF	2.14	Each Sqm	761.54	1628.93
b	FF	1.12	Each Sqm	870.33	971.29
G	R.C.C Stair				
a	GF	1.42	Each Cum	10261.50	14564.76
b	FF	1.42	Each Cum	11443.51	16242.45
H	Roof slab, landing & Chajja				
a	GF	10.21	Each Cum	9104.21	92954.02
b	FF	8.69	Each Cum	10054.76	87375.89
c	2nd F	1.26	Each Cum	11191.66	14101.49
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	8594.66	414434.51
b	FF	25.46	Each Qntl	8806.61	224216.18
c	2nd F	3.20	Each Qntl	9029.15	28893.29
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	234.92	18224.97
b	2nd F	12.50	Each Sqm	240.08	3001.01
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	4260.13	163333.35
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	4293.46	216347.40
b	FF	37.98	Each cum	4531.06	172089.77
c	2nd F	8.98	Each cum	4804.32	43142.75
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	203.19	62142.36
b	FF	252.28	Each Sqm	210.51	53106.64
c	2nd F	26.20	Each Sqm	218.18	5716.33
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	142.25	25611.48

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20.01.23  
Block Development Officer  
PATNA, KEONJHAR

b	FF	195.34	Each Sqm	147.16	28746.54
c	2nd F	95.37	Each Sqm	152.32	14527.85
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	964.85	70916.14
b	FF	58.68	Each Sqm	973.60	57130.65
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	1391.78	19123.06
b	FF	10.05	Each Sqm	1418.99	14260.85
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	1228.88	35761.18
b	FF	33.91	Each Sqm	1247.79	42306.37
c	2nd F	0.33	Each Sqm	1267.65	412.62
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	1281.12	12688.85
b	FF	6.65	Each Sqm	1308.33	8699.77
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	158.58	22135.90
b	FF	115.89	Each Sqm	162.02	18776.73
c	2nd F	10.77	Each Sqm	167.93	1808.65
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	144.51	59210.87
b	FF	336.36	Each Sqm	147.23	49522.36

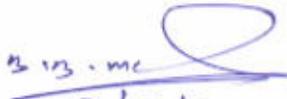
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Block Development Office  
PATNA, KRONIHAR

c	2nd F	37.73	Each Sqm	150.03	5660.60
21	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	409.73	Each Sqm	73.87	30266.47
b	FF	336.36	Each Sqm	75.06	25248.52
c	2nd F	37.73	Each Sqm	76.29	2878.54
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	197.67	15373.00
b	FF	63.36	Each Sqm	202.08	12803.98
c	2nd F	5.13	Each Sqm	206.63	1060.01
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	137.99	29770.05
b	FF	245.35	Each Sqm	151.04	37056.50
c	2nd F	84.70	Each Sqm	154.85	13116.30
24	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.	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
					3340338.76
			say		<b>3340339.00</b>

Approved for 25 (twenty five ) items only

Rupees thirty three lakh forty thousand three hundred thirty nine only

  
27/10/22  
Assistant Engineer  
NHM, Keonjhar

  
Additional Executive Officer (Technical)  
Zilla Parishad, Keonjhar

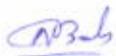
  
20-01-23  
Block Development Officer  
PATNA, KEONJHAR

**TO BE FILLED BY THE TENDERER**

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

in Figure

In words

  
20.01.23

Equal to Estimate Cost

%

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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