

# BILL OF QUANTITY

**NAME OF THE WORK: - Construction of ~~proposed~~ PHC Building at Rajnagar under Patna block for the year 2021-22**

TENDER AMOUNT  
EMD @ 1%  
COST OF TENDER PAPER  
TIME OF COMPLETION  
CLASS OF CONTRACTOR

Rs. 6011885.00  
~~Rs. 60200.00~~  
Rs. 10000.00  
~~Six~~ months  
B & A

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	240.17	Each cum	207.89	49928.94
2	Filling in foundation and plinth with excavated earth including watering and ramming as directed by the E.I.C. etc. complete	240.17	Each cum	138.59	33285.96
3	Supplying and filling foundation and plinth with sand well watered and rammed with cost conveyance and royalty, taxes of all materials and labour (T&P) etc. complete.	273.09	Each cum	327.07	89318.34
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.	80.56	Each cum	4553.44	366825.16
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.	13.36	Each cum	6725.06	89846.87
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	24.38	Each Cum	5052.61	123182.57
B	Plinth Beam	15.77	Each Cum	5412.63	85357.10
C	Column and Beams ( GF )	27.02	Each Cum	10776.18	291172.38
	F.F.	1.16	Each Cum	12024.61	13948.55
D	Lintel( GF )	7.91	Each Cum	8624.79	68222.08
	F.F.	0.25	Each Cum	9442.94	2360.73
E	Sunshade( GF )	16.45	Each Sqm	791.17	13011.99
	F.F.	1.38	Each Sqm	889.07	1227.44
F	Staircase,GF	2.50	Each Sqm	10305.19	25805.84
G	Roof slab,landing & Chajja	37.21	Each Cum	9196.31	342194.60
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.	132.29	Each Qntl	8967.87	1186359.52

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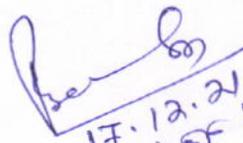
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17.12.20  
Block Development Officer  
PATNA, KEONJHAR

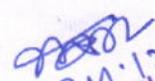
8	20mm thick C.P. (1:4) as grading plaster including watering, curing, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.	277.98	Each Sqm	232.40	64602.55
9	Fly Ash Brick masonry with CM (1:6) in foundation including watering, curing with cost, conveyance, royalty and taxes of all materials & labour (T&P) etc. complete as per the direction of Engineer-in-Charge.	64.11	Each Cum	4256.01	272852.83
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.GF	105.13	Each Cum	4289.34	450938.37
	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.FF	16.38	Each Cum	4932.74	80798.30
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.GF	652.31	Each Sqm	197.33	128718.38
	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.FF	112.84	Each Sqm	201.58	22747.53
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.GF	275.92	Each Sqm	138.29	38157.39
	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.FF	88.85	Each Sqm	143.06	12711.46
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.	225.46	Each Sqm	964.02	217347.60
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.	2.76	Each Sqm	1381.01	3811.5876
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.	492.36	Each Sqm	1070.97	527302.7892
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 rubing and polishing with cost,coveyance of all materials etc. complete.GF	50.32	Each Sqm	1231.16	61950.79544
	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.FF	4.02	Each Sqm	1249.53	5024.17

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Block Development Officer  
PATNA, KEONJHAR

17	Supplying, fitting, fixing of A.I.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.GF	8.51	Each Sqm	1270.35	10810.04
	Supplying, fitting, fixing of A.I.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.FF	0.84	Each Sqm	1296.77	1085.40
18	Fixing Granite tiles (20mm thick) 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	5.12	Each Sqm	2534.42	12976.23
19	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.	315.24	Each Sqm	155.34	48968.75
20(a)	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	772.50	Each KG	92.93	71788.12
(b)	M.S.Door&Window	1505.47	Each KG	148.55	223632.82
21	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.	28.74	Each Sqm	3651.23	104936.43
22	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 pre-laminated 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	40.00	Each Sqm	7000.75	280029.93
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.	9.77	Each Sqm	5788.22	56550.95
24	Wall painting two coat with plastic emulsion paint over a coat of priming including cost of all materials and labour etc.	411.82	Each Sqm	141.64	58329.78
25	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.	42.85	Each Sqm	179.92	7709.72
26	Finishing wall surface with Acrylic wall putty (Water based) including cost of all materials and labour etc. complete.	477.39	Each Sqm	72.59	34651.71
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	541.00	Each Sqm	135.13	73103.98

  
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28	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.	339.62	Each Sqm	974.90	331095.54
29	Providing MS Colour sheets (as per IS :14871)up to any pitch and fixing with polymer coated J or L hook and bitumen washer and bolt etc. complete with supply of all labour, taxes, T & P etc.(As SR-page no 127/36	22.32	Each Sqm	656.93	14662.57
30	Labour for fixing A.C Sheet ridges or valleys roof drilling hole in wind	24.61	Each rm	321.43	7910.35
31	Providing and fixing 100 mm dia PVC rain water pipe with all cost of labour and materials etc. complete.	18.52	Each rm	250.05	4630.93
TOTAL CIVIL WORK					6011885.09
				<b>say</b>	<b>6011885.00</b>

Approved for 31 (thirty one ) items only

Rupees sixty lakh eleven thousand eight hundred eighty five only

*17.12.2021*  
*A.E., E.I.P*  
*14/12/21*  
 Assistant Engineer  
 National Health Mission  
 NHM, Keonjhar

*24.12.2021*  
 Executive Engineer  
 DRDA, Keonjhar  
 Block Development Officer  
 PATNA, KEONJHAR  
*15.12.2021*

**TO BE FILLED BY THE TENDERER**

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

	<b>in Figure</b>	<b>In words</b>
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 .

Executive Engineer  
 DRDA, Keonjhar  
 D.R.D.A., Keonjhar.

Block Development Officer  
 Patna

Signature of the Contractor