

BILL OF QUANTITY

Name of the work :-

Construction of Sub Centre Building at Machhagarh under Saharpada block for the year 2022-23 under PM-ABHIM.

TENDER AMOUNT

Rs. 3435312.00

EMD @ 1%

Rs. 34400

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	721.86	57561.05
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	4766.13	116865.61
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	6971.37	7110.79
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	5279.66	70747.38
B	Plinth Beam	6.08	Each Cum	5644.15	34316.43
C	Column and Beams				
a	GF	8.58	Each Cum	11135.18	95539.84
b	FF	7.12	Each Cum	12412.86	88379.56
c	2nd F	1.16	Each Cum	13942.31	16173.08
D	Lintel				
a	GF	3.64	Each Cum	8907.26	32422.43
b	FF	2.46	Each Cum	9739.36	23958.82
E	Sunshade				
a	GF	8.28	Each Sqm	814.39	6745.25

b	FF	6.14	Each Sqm	915.56	5619.73
c	2nd F	0.84	Each Sqm	1036.72	867.74
F	R.C.C Shelves				
a	GF	2.14	Each Sqm	781.31	1671.22
b	FF	1.12	Each Sqm	890.10	993.35
G	R.C.C Stair				
a	GF	1.42	Each Cum	10656.81	15125.85
b	FF	1.42	Each Cum	11838.82	16803.54
H	Roof slab,landing & Chajja				
a	GF	10.21	Each Cum	9499.52	96990.13
b	FF	8.69	Each Cum	10450.08	90811.17
c	2nd F	1.26	Each Cum	11586.97	14599.58
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	8615.60	415444.23
b	FF	25.46	Each Qntl	8827.55	224749.49
c	2nd F	3.20	Each Qntl	9050.10	28960.32
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	241.11	18705.29
b	2nd F	12.50	Each Sqm	246.27	3078.40
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	4504.42	172699.42
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	4537.75	228657.17
b	FF	37.98	Each cum	4775.35	181367.91
c	2nd F	8.98	Each cum	5048.61	45336.47
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	208.08	63637.87
b	FF	252.28	Each Sqm	215.40	54339.88
c	2nd F	26.20	Each Sqm	223.07	5844.40

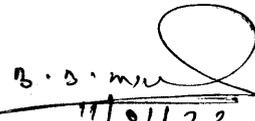
12	12mm thick C.P. (1:6) including watering, curing, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.				
a	GF	180.05	Each Sqm	146.33	26346.09
b	FF	195.34	Each Sqm	151.24	29543.60
c	2nd F	95.37	Each Sqm	156.40	14917.02
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	977.20	71823.87
b	FF	58.68	Each Sqm	985.94	57854.89
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	1403.22	19280.24
b	FF	10.05	Each Sqm	1430.43	14375.85
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.		Each Sqm	1093.18	0.00
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 rubbing and polishing with cost, conveyance of all materials etc. complete.				
a	GF	29.10	Each Sqm	1242.57	36159.57
b	FF	33.91	Each Sqm	1261.49	42770.71
c	2nd F	0.33	Each Sqm	1281.35	417.08
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	1292.57	12802.26
b	FF	6.65	Each Sqm	1319.78	8775.86
	Supplying, fitting, fixing of Ceramic Floor tiles (ANTISKID) 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.		Each Sqm	1027.82	0.00

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	161.00	22473.71
b	FF	115.89	Each Sqm	164.45	19057.64
c	2nd F	10.77	Each Sqm	170.36	1834.76
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
	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		Each Sqm	3685.53	0.00
	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		Each Sqm	662.21	0.00
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
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 in 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 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
25	Providing signage including all charges.		Each Nos		0.00
					3435312.07
			say		3435312.00

Approved for 25 (twenty five) items only

Rupees thirty four lakh thirty five thousand three hundred twelve only


 11/01/23
 Assistant Engineer
 NHM, Keonjhar


 11/01/2023
 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


 11/01/2023
 Block Development Officer
 Saharpada

Signature of the Contractor