

BILL OF QUANTITY

Construction of Sub Centre Building at Kodapada under Anandapur block for the year 2021-22 under NHM

TENDER AMOUNT

Rs. 2077606.00

EMD @ 1%

Rs.20800.00

COST OF TENDER PAPER

Rs 6000.00

TIME OF COMPLETION

Six 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	91.01	Each cum	207.89	18920.07
2	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.	91.01	Each cum	138.59	12613.38
3	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.	68.12	Each cum	415.95	28334.21
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.	21.46	Each cum	4754.51	102031.79
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.	0.74	Each cum	6969.73	5157.60
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	5307.45	71119.80
B	Plinth Beam	5.44	Each Cum	5667.47	30831.01
C	Column and Beams (GF)	8.10	Each Cum	11031.03	89351.34
	Column and Beams (FF)	0.55	Each Cum	12279.45	6753.70
D	Lintel(GF)	3.39	Each Cum	8879.64	30101.97
	Lintel (FF)	0.10	Each Cum	9697.78	969.78
E	Sunshade(GF)	9.47	Each Sgm	807.74	7647.55
	Sunshade(FF)	0.84	Each Sgm	905.63	758.02
F	R.C.C Shelves	2.14	Each Sgm	773.42	1654.35

G	R.C.C Stair	1.52	Each Cum	10560.03	16044.01
H	Roof slab, landing & Chajja	10.27	Each Sqm	9451.16	97063.39
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.	47.74	Each Qntl	8954.77	427500.72
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.	89.81	Each Sqm	231.02	20748.03
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.	27.23	Each Cum	4181.47	113861.44
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	44.96	Each Cum	4214.80	189497.43
B	FF	10.20	Each cum	4847.02	49439.61
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	319.64	Each Sqm	198.39	63412.42
B	FF	63.25	Each Sqm	202.65	12817.65
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	304.03	Each Sqm	139.18	42315.35
B	FF	50.30	Each Sqm	143.95	7241.31
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.	72.93	Each Sqm	952.36	69455.50
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.	13.50	Each Sqm	1368.53	18475.155
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.	24.41	Each Sqm	1058.49	25837.7409

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 rubbing and polishing with cost, conveyance of all materials etc. complete.				
A	GF	28.72	Each Sqm	1257.86	36124.90
B	FF	0.33	Each Sqm	1284.29	418.04
17	Supplying, fitting, fixing of vitrified 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.	8.04	Each Sqm	1257.86	10118.85
18	Supplying, fitting, fixing of Grinite 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.	4.73	Each Sqm	2520.08	11919.98
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.				
A	GF	141.06	Each Sqm	155.54	21940.19
B	FF	1.77	Each Sqm	158.88	281.22
20	Providing, supplying and fitting and fixing of M.S. Door / Window shutters, gates & M.S. grills as per approved design etc. complete.				
	MS Grills..	86.10	Each KG	92.93	8001.24
	MS Door & Windows	1637.75	Each KG	148.55	243282.19
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.	1.12	Each Sqm	3651.23	4089.38
22	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	13.44	Each Sqm	656.39	8821.84
23	Wall painting two coat with plastic emulsion paint over a coat of priming including cost of all materials and labour etc.				
A	GF	413.05	Each Sqm	155.31	64150.08
B	FF	25.14	Each Sqm	156.58	3936.38
24	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.	87.29	Each Sqm	179.87	15701.16
25	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	326.87	Each Sqm	135.08	44152.78
B	FF	92.43	Each Sqm	159.21	14715.63
26	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.	7.91	Each Rmt	3501.98	27684.87
27	Providing and fixing 100 mm dia PVC rain water pipe 1 mtr long with all cost of labour and materials etc. complete.	9.25	Each Rmt	250.05	2312.96
				Total	2077606.03
				say	2077606.00

TOTAL 27 (Twenty Seven) NOS ITEM ONLY

Approved for 27(Twenty Seven) items only

S. S. My
14/12/21
Assistant Engineer
NHM, Keonjhar

Executive Engineer
DRDA Keonjhar
15-12-2021

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 words	In Figure
		%
		%
		%

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 perpose .
- 4) The percentage quoted at any other place will not be taken into consideration.

Executive Engineer
DRDA Keonjhar

Block Development Officer
Anandapur Block

Signature of the Contractor