

BILL OF QUANTITY (BOQ)

**NAME OF THE WORK - CONSTRUCTION OF NEW SUB CENTRE BUILDING AT
SAGADAPATA UNDER HARICHANDANPUR BLOCK (NHM)**

Amount put to Tender	:	Rs 26,31,105.00
Class of Contractor	:	C' & B' class only
Cost of Tender Paper	:	Rs.6000.00
Date required for completion	:	6(Six) calender Month

Sl. no.	Item of Work	Quantity	Unit	Rate	Amount
1	Earthwork in excavation of foundation in hard soil or gravelly soil except sheet rock requiring blasting to proper profile with all leads, lifts and delifts to proper section and profile including dressing and levelling the bed upto required depth as per direction of Engineer-in-charge	144.46	cum	182.80	26407.00
2	Supplying, filling in foundation and plinth with sand, watered and rammed including cost, conveyance & royalty and all taxces of materials cost of all labour with T&P etc. complete. as per direction of Engineer-in-charge	85.45	cum	367.26	31381.00
3	C.C (1:3:6) using 40 mm hg metal in foundation with 40 mm size hand Broken metal including cost, conveyance, royalty etc complete as per direction of Engineer-in-charge	30.00	Cum	4773.74	143219.00
4	R.C.C (M20) using 12mm H.G.C.B chips including centering & shuttering cost, conveyance, royalty etc complete as per the direction of Engineer incharge.				
a	Footing	9.00	Cum	5163.48	46468.00
b	Plinth beam	8.96	Cum	5473.94	49048.00
c	Column & Wall Beam	11.77	Cum	11415.86	134414.00
d	Lintel & Sill band	3.45	Cum	9886.27	34120.00
e	Roof slab	11.61	Cum	9818.67	113946.00
f	Chajja	1.05	Cum	853.69	894.00
g	stair case	2.46	Cum	10973.63	27036.00

5	Straightening bent up or coiled M.S. rod or HYSD steel (Fe- 415), cutting, bending, cracking, hooking, welding or jointing (if required), the M.S rod or HYSD steel and binding, tying the grills, hoisting, lowering and placing in proper position as require	54.75	Qntl	7760.58	424864.00
6	Fly ash brick massonary with cement mortar (1:6) in foundation and plinth including cost, conveyance, royalty, taxes of all materials, all labour T & P sundries etc complete as per : direction of Engineer in charge.	79.04	Cum	4366.19	345112.00
7	Brick work with Fly ash brick with cement mortar (1:6) in superstructure including cost, conveyance, royalty, taxes of all materials, all labour T & P sundries etc complete as per direction of Engineer in charge.	74.75	Cum	4404.14	329222.00
8	Fly ash. Brick masonry in cement mortar (1:6) in 1st Floor.	14.25	Cum	4663.40	66464.00
9	6 mm.thick cement plaster in C.M.(1:4) for ceiling plaster including deep chiping	93.80	Sqm	147.78	13862.00
10	12 mm thick cement plaster in C.M.(1:6) in external surface of wall including cost ,conveyance etc as per direction of Engineer-in-charge	385.93	Sqm	141.90	54770.00
11	16 mm thick cement plaster in C.M.(1:6) in internal surface of wall including cost ,conveyance etc as per direction of Engineer-in-charge	527.32	Sqm	200.93	105955.00
12	Fixing tiles (vetrified tiles 600mm x 600mm) in floors , treads or steps and landing on 20mm thicks bed of CM 1:4 jointed with neat cement slury mixed with pigment to match the shade of the tiles including rubing and polishing with cost conveyance of all materials etc complete.	90.55	Sqm	1277.24	115655.00
13	Fixing vetrified tiles in wall, skirting & risers of steps on 12 mm thick cement plaster (1:3) ratio jointed with neat cement slury mixed with pigments to match the shade of tiles including rubbing &	16.03	Sqm	1312.57	21039.00
14	Supplying fitting & fixing of tiles in floors, treads or steps and landing on 25 mm thick bed of C.M(1:1) (1 cement :1sand) jointed with neat cement slurry mixed with pigment to match the shades of the tiles				

	With Ceramic Tile	5.40	Sqm	1037.27	5604.00
15	Fixing the tiles in dados skirting risers of on 12 mm thick C.P. (1:3) jointed with neat cement Slurry				
	With Ceramic Tile	24.61	Sqm	1058.36	26045.00
16	Two coats of enamel painting over one	55.08	Sqm	139.25	7670.00
17	One coat of cement washing over Plastering surfaces	638.70	Sqm	14.46	9237.00
18	Finishing wall surface with Acrylic wall putty(water based of approved make and finished smooth and even to receive paintin including cost of scaffolding etc complete	400.60	Sqm	71.04	28460.00
19	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.	966.40	Sqm	59.44	57448.00
20	Wall painting two coat with plastic emulsion painted with cost of plastic emulsion paint and labour etc	400.60	Sqm	81.25	32548.00
21	Finishing wall with weather coat paint of approved shade on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc complete as per direction of Engineer in charge.	565.80	Sqm	74.80	42319.00
22	Supplying, fitting and fixing MS Grills, Doors and Windows made out of structural steel flat etc as per direction of Engineer in charge.	722.75	KG	124.14	89722.00
23	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	10.98	Sqm	3464.79	38027.00
24	fixing G.C.I sheet in roof drilling hole in wind	11.89	Sqm	492.60	5858.00

	Supplying hosting joints & trusses placing in position etc. including cost ,conveyance ,taxes of all materials and labour T&P	84.96	Sqm	124.14	10547.00
26	framed sliding typewindows using 15 microns anodized OEL Aluminium section 2082 as out section,9139 as mullion section, 4124 as a shutter section frame with tapered clip of	13.38	Sqm	3596.09	48107.00
27	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 prelaminated Board in bottom portion fixed on	21.20	Sqm	5786.09	122691.00
28	20 mm. thick cement plaster in cement mortar (1:4) in grading plaster of roof slab	102.04	Sqm cum	224.88	22946.00
Total(A)					2631105.00

TOTAL 28 (TWENTY EIGHT) NOS ITEM ONLY Approved for 28 (Twenty eight) items only

Prakash
2.9.21
Block Development Officer
Harichandanpur Block

Dr. J. K. Singh
08
02/09/21
Executive Engineer
DRDA Keonjhar

Dr. J. K. Singh
02/09/2021

BILL OF QUANTITY (BOQ)**NAME OF THE WORK - CONSTRUCTION OF NEW SUB-CENTRE AT BADAKAMANDARA**

Amount put to Tender	:	Rs 26,31,105.00
Class of Contractor	:	C' & B' class only
Cost of Tender Paper	:	Rs.6000.00
Date required for completion	:	6(Six) calender Month

Sl. no.	Item of Work	Quantity	Unit	Rate	Amount
1	Earthwork in excavation of foundation in hard soil or gravelly soil except sheet rock requiring blasting to proper profile with all leads, lifts and delifts to proper section and profile including dressing and levelling the bed upto required depth as per direction of Engineer-in-charge	144.46	cum	182.80	26407.00
2	Supplying, filling in foundation and plinth with sand, watered and rammed including cost, conveyance & royalty and all taxes of materials cost of all labour with T&P etc. complete. as per direction of Engineer-in-charge	85.45	cum	367.26	31381.00
3	C.C (1:3:6) using 40 mm hg metal in foundation with 40 mm size hand Broken metal including cost, conveyance, royalty etc complete as per direction of Engineer-in-charge	30.00	Cum	4773.74	143219.00
4	R.C.C (M20) using 12mm H.G.C.B chips including centering & shuttering cost, conveyance, royalty etc complete as per the direction of Engineer incharge.				
a	Footing	9.00	Cum	5163.48	46468.00
b	Plinth beam	8.96	Cum	5473.94	49048.00
c	Column & Wall Beam	11.77	Cum	11415.86	134414.00
d	Lintel & Sill band	3.45	Cum	9886.27	34120.00
e	Roof slab	11.61	Cum	9818.67	113946.00
f	Chajja	1.05	Cum	853.69	894.00
g	stair case	2.46	Cum	10973.63	27036.00

5	Straightening bent up or coiled M.S. rod or HYSD steel (Fe- 415), cutting, bending, cracking, hooking, welding or jointing (if required), the M.S rod or HYSD steel and binding, tying the grills, hoisting, lowering and placing in proper position as require	54.75	Qntl	7760.58	424864.00
6	Fly ash brick massonary with cement mortar (1:6) in foundation and plinth including cost, conveyance, royalty, taxes of all materials, all labour T & P sundries etc complete as per direction of Engineer in charge.	79.04	Cum	4366.19	345112.00
7	Brick work with Fly ash brick with cement mortar (1:6) in superstructure including cost, conveyance, royalty, taxes of all materials, all labour T & P sundries etc complete as per direction of Engineer in charge.	74.75	Cum	4404.14	329222.00
8	Fly ash. Brick masonry in cement mortar (1;6) in 1st Floor.	14.25	Cum	4663.40	66464.00
9	6 mm.thick cement plaster in C.M.(1:4) for ceiling plaster including deep chipping	93.80	Sqm	147.78	13862.00
10	12 mm thick cement plaster in C.M.(1:6) in external surface of wall including cost ,conveyance etc as per direction of Engineer-in-charge	385.98	Sqm	141.90	54770.00
11	16 mm thick cement plaster in C.M.(1:6) in internal surface of wall including cost ,conveyance etc as per direction of Engineer-in-charge	527.32	Sqm	200.93	105955.00
12	Fixing tiles (vetrified tiles 300mm x 300mm) in floors, treads or steps and landing on 20mm thicks bed of CM 1:4 jointed with neat cement slury mixed with pigment to match the shade of the tiles including rubing and polishing with cost conveyance of all materials etc complete.	90.55	,Sqm	1277.24	115655.00
13	Fixing vetrified tiles in wall, skirting & risers of steps on 12 mm thick cement plaster (1:3) ratio jointed with neat cement slury mixed with pigments to match the shade of tiles including rubbing &	16.03	Sqm	1312.57	21039.00
14	Supplying fitting & fixing of tiles in floors, treads or steps and landing on 25 mm thick bed of C.M(1:1) (1cement :1sand) jointed with neat cement slurry mixed with pigment to match the shades of the tiles				

	With Ceramic Tile	5.40	Sqm	1037.27	5604.00
15	Fixing the tiles in dados skirting risers of on 12 mm thick C.P. (1:3) jointed with neat cement Slurry				
	With Ceramic Tile	24.61	Sqm	1058.36	26045.00
16	Two coats of enamel painting over one	55.08	Sqm	139.25	7670.00
17	One coat of cement washing over Plastering surfaces	638.70	Sqm	14.46	9237.00
18	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	400.60	Sqm	71.04	28460.00
19	Priming one coat with approved wall primer including all cost, taxes etc complete as per direction of Engineer in charge.	966.40	Sqm	59.44	57448.00
20	Wall painting two coat with plastic emulsion painted with cost of plastic emulsion paint and labour etc	400.60	Sqm	81.25	32548.00
21	Finishing wall with weather coat paint of approved shade on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc complete as per direction of Engineer in charge.	565.80	Sqm	74.80	42319.00
22	Supplying, fitting and fixing MS Grills, Doors and Windows made out of structural steel flat etc as per direction of Engineer in charge.	722.75	KG	124.14	89722.00
23	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 in all respect.	10.98	Sqm	3464.79	38027.00
24	fixing G.C.I sheet in roof drilling hole in wind	11.89	Sqm	492.60	5858.00

	Supplying hosting joints & trusses placing in position etc. including cost ,conveyance ,taxes of all materials and labour T&P	84.96	Sqm	124.14	10547.00
26	framed sliding typewindows using 15 microns anodized OEL Aluminium section 2082 as out section,9139 as mullion section, 4124 as a shutter section frame with tapered clip of	13.38	Sqm	3596.09	48107.00
27	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 prelaminated Board in bottom portion fixed on	21.20	Sqm	5786.09	122691.00
28	20 mm. thick cement plaster in cement mortar (1:4) in grading plaster of roof slab	102.04	Sq. m cum	224.88	22946.00
Total(A)					2631105.00

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Block Development Officer
Harichandanpur Block

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Executive Engineer
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BILL OF QUANTITY (BOQ)

**NAME OF THE WORK:-CONSTRUCTION OF NEW SUB CENTRE BUILDING AT HUNDA
UNDER HARICHANDANPUR BLOCK**

Amount put to Tender : Rs 26,31,105.00
Class of Contractor : C' & B' class only
Cost of Tender Paper : Rs.6000.00
Date required for completion : 6(Six) calender Month

Sl. no.	Item of Work	Quantity	Unit	Rate	Amount
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