

BOQ-01/01

TENDER SCHEDULE					
Name of the work		Extension of Chhatrapur SC under Nilgiri Block			
Estimated cost		624795.00			
E.M.D. to be deposited					
Cost of tender paper with vat 5%					
Date of sale of tender					
Date of receipt of tender					
Date of opening of tender					
Time of completion		: Six Months			
Class of contractor					
Sl. No.	DESCRIPTION OF ITEMS	Quantity	Unit	Rate	Amount
1	Earth work in foundation of hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge.	18.51	Cum	184.62	3418.33
2	Filling foundation and plinth with sand well watered and rammed including cost, conveyance of materials, labour T&P, royalty etc. complete as per direction of the Engineer-in-charge.	16.05	Cum	391.49	6283.29
3	Providing P.C.C. (1:4:8) with PSC cement & 4cm size h.g. metal of approved quality in foundation / floor including hoisting laying concrete, cost & conveyance of materials, labour ,T&P, royalty, taxes, curing etc. complete as per direction of the Engineer-in-charge.	15.21	Cum	4148.49	63103.59
4	Providing R.C.C. M-20 Grade in Foundation/ Super-Structure having a minimum compressive strength(In work test)250 Kg./ cm ² in 15 cm. cubes at 28 days curing after mixing and test conducted in accordance with I.S. 456 and I.S. 516 using PSC cement & 10mm. To 20mm. Size black hard crusher broken granite stone chips of approved quality and from approved Quarry including hoisting to required height lowering laying position and compacting concrete by appropriate vibretors and watering and curing for 28 days including cost of rigid smooth steel centering shuttering and finishing the exposed surface as directed including cost conveyance, royalties and taxes of all materials and cost of all labour, T&P required for the concrete etc complete in all respect but excluding cost of M.S.Rods or Tor steel etc, complete as per specification & direction Engineer-in-charge. (I) RCC in Foundation	7.74	Cum	4891.33	37841.82
5	RCC in plinth beam/ Grade beam	1.80	Cum	5252.30	9454.14
6	RCC in Column	1.30	Cum	12021.15	15627.49
7	RCC in Lintel	0.82	Cum	8450.11	6929.09
8	RCC in Chajja/ Shelves	5.200	Sqm	780.72	4059.76
9	RCC in wall beam	1.030	Sqm	12021.15	12381.78
10	RCC in roof slab	2.81	Cum	9035.18	25388.87


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BOQ-01/02

11	Providing & fixing in position High yield deformed bars/ reinforcement confirming to Fe 500 grade of SAIL make with cutting, bending, binding, straightening, tying and placing in position, using binding wire 18 to 20 gauge, cost & conveyance of materials,labour, T &P etc. complete as per direction of the Engineer-in-charge.	7.94	Qtl	8086.10	64203.67
12	Providing Fly ash brick masonry in C.M.(1:6) with fly ash brick & PSC cement of approved quality and size including splays, cutting, circular moulding with cost & conveyance of materials, labour ,T&P, royalty, taxes, curing etc. complete as per direction of the Engineer-in-charge. (i) In foundation & Plinth	4.04	Cum	4344.76	17552.83
13	(ii) Superstructure	10.41	Cum	4378.09	45575.91
14	Providing 12mm thick cement plaster in c.m. (1:6) over brick work finished smooth with PSC cement including cost & conveyance of materials, labour, T&P, royalty, taxes, curing etc. complete as per direction of the Engineer-in-charge. (GF)	86.42	Sqm	135.49	11709.05
15	Providing 16mm thick C.P. in C.M.(1:6) over brick work finished smooth after racking out joints with using PSC cement & cost, conveyance of materials labour, T&P required for the work including royalty etc.complete as per direction of the Engineer-in-charge (GF)	68.91	Sqm	193.26	13317.77
16	Providing 6mm thick C.P. in C.M.(1:4) to R.C.C surface including close deep chipping & slurry treatment with PSC cement & cost, conveyance of materials labour, T&P required for the work including royalty etc.complete as per direction of the Engineer-in-charge.	32.29	Sqm	151.56	4893.89
17	Finishing wall surface of wall with cement base wall putty & finished smooth to receive pain including cost, conveyance of materials labour, T&P etc.complete as per direction of the	29.33	Sqm	71.39	2094.02
18	Supplying, fitting and fixing vetrified tile in floors of size 600mm x 600mm of approved make with application of polymer modified cement based water resistant adhesive bed of required thickness of 10mm and filling joints with epoxy grout of approved quality including cost of all materials, labour T&P etc required for the work complete as per direction of the Engineer-in-Charge.	18.12	Sqm	954.48	17290.94
19	Providing & fixing Glazed Ceramic tiles (30cmx20cm) confirming to IS 13753 in walls, risers, dado, skirting treads on 12mm thick bed of cement mortar 1:3 (1cement : 3sand) jointed with neat cement slury mixed with pigment to match the shades of the tiles including cost & conveyance of materials,royalty labour, T &P etc. complete as per direction of the Engineer-in-charge.	25.45	Sqm	706.98	17995.87
20	Supply & fixing of M.S. widow grill door & grills including cost of screws complete.including cost & conveyance of all materials,fitting, labour, T&P required for the work etc. complete as per direction of the Engineer-in-charge.	2.84	qtl	7472.68	21241.10
21	Providing two coats of distemper of approved shade over one coat of primer on wall surface including cost, conveyance of materials labour, T&P etc.complete as per direction of the Engineer-in-charge.	389.31	Sqm	120.56	46936.92

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22	Providing two coats of water proofing weather coat paint including necessary preparation of surface, cost & conveyance of materials, labour, T&P etc. complete as per direction of the Engineer-in-charge. (GF)	335.90	Sqm	128.31	43099.23
23	2 coats of synthetic enamel paint on new / old steel surface with one coat primer in ground floor etc. complete as per direction of the Engineer-in-Charge.	129.25	Sqm	186.40	24090.87
24	Branding for HWC as per specification in outer plaster surface including all complete	491.66	Sqm	45.00	22124.70
25	Recessed wiring to light point and exhaust fan point with 1.5sqm FR PVC insulated single core multistandard copper conductor of ISI mark 20mm dia non metallic PVC flexible conduct with 5AMP,25V,pino type switch make ETC as per direction of engineer in charge.				
26	.....do..... Group A (1.2.1-1.24.2)	3	Point	287.85	863.55
27	.....do..... Group B (1.2.1-1.24.2)	3	Point	498.73	1496.19
28	.....do..... Group C(1.2.1-1.24.2)	4	Point	762.34	3049.36
29	S/F of metal box pf 150mmx75mmx60mm deep(Nominal size) etc all	4	each	192.84	771.36
30	S/F of 5amp switch and 5 amp socket outlet etc all	10	each	83.14	831.40
31	PVC insulated single core multistandard copper conductor of ISI mark (ISI mark to Hevels,V guard L&T Finolex)				0.00
32	.....do..... 2x1.5sqmm+1x1.5sqmm(1.8.1)	12	PM	120.11	1441.32
33	.....do..... 2x2.5sqmm+1x1.5sqmm(1.8.2)	12	PM	134.06	1608.72
34	.....do..... 2x1.4sqmm+1x1.5sqmm(1.8.3)	13	PM	151.44	1968.72
35	Supply instation testing and commissioning main switch etc all				0.00
36	B-do-32amp ICDP main switch	1	each	851.58	851.58
37	Holder BK angle	6	each	14.68	88.08
38	18-25 led tube light Fitting including bulb	4	each	688	2752.00
39	Fan regulator in existing switch board etc all.	2	each	280.82	561.64
40	Supply instation testing and commissioning 10watt led bulb etc all.	2	each	167.58	335.16
41	Fitting and fixing of ceiling fan	2	each	2200	4400.00
42	S/F of metal box pf 180mmx100mmx60mm deep(Nominal size) etc all	3	each	263.88	791.64
43	8watt CFL Imp.	3	each	606.05	1818.15
44	Earthing G.I	1	each	2050	2050.00
45	Supplying all labour, materials, T&P, fitting and fixing of door frame made out PVC Profiles joined to the horizontal after inserting MS/FIBER 'L' angles of size 200mm x 100mm and self tapping screw and one mtr. reinforcement providing along the sheet of the frame where the door is to be hanged. It is to be fixed to the wall with steel screw and rawal plugs all complete as per specification and direction of E.I.C.				
46	Door for toilet only-2 x (0.75 + (2 x 2.10))=	9.90	Mtr	340.80	3373.92


 Assistant Engineer
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47	Supplying all labour, materials, T&P, fitting and fixing of plastic door shutters to be made of selective PVC Profiles, The styles & rails are made of section measuring 24mm x 59mm. A lock rail is provided horizontally at the required place for strength and firmness measuring 24mm x 100mm. The panel are provided a size measuring 200mm x 20mm. All the four corners are provided with MS/Fibre 'L' angles of size 200mm x 100mm and fitted with steel screw. The door to be hanged to the frame with the help of 100mm S.S. hinges and self tapping screw three nos. steel handle two nos. and 150mm long steel tower bolt two nos. all complete as per specification and direction of E.I.C.(Joint less Single Piece)				
48	Door for toilet only-2 x 0.65 x 2.05=	4.00	Sqm	2283.10	9126.69
49	Supplying all materials, labour T&P and fixing Wash Down Water Closet(European type W.C. pan) with Integral 'S' or 'P' trap to the floor with wooden plug and C.P.screws including jointing the trap with soil pipe in C.M.(1:1) etc. all complete as per specification & direction of E.I.C a) E.W.C. with 'S' 'P' trap Plain(Neycer/Cerra/ Parry ware/ Hindware)	1.00	No	2303.90	2303.90
50	Supplying all materials, labour, T&P fitting and fixing Plastic Seat and cover for E.W.C. with chromium plated brass hinges and rubber buffers all complete as perr specification and direction of E.I.C. (Neycer/ Cerra/Parry ware/ Hindware)	1	No	611.60	611.60
51	Supplying all materials, labour T&P and fitting & fixing U-PVC ventilating pipes and fittings of the following O.D conforming to ISI No. 4985/2000 to walls with nails, bobbins and wooden plugs or laying in trenches including jointing with supply of approved rubber lubricant by non-heat application method as per manufacturer's specification, testing, e.w. in excavation in	5.00	Mtr	206.00	1030.00
52	110 mm dia U-PVC P' Trap	3	Nos	299.70	899.10
53	110 mm dia U-PVC Double Junction Door	2	Nos	350.30	700.60
54	110 mm dia U-PVC Plain Tee	2	Nos	267.00	534.00
55	110 mm dia U-PVC Door Bend	4	Nos	204.70	818.80
56	110 mm dia U-PVC Plain Bend	3	Nos	147.00	441.00
57	110 mm dia U-PVC Offset	1	Nos	180.50	180.50
58	110 mm dia U-PVC Cowl	1	Nos	77.30	77.30
59	125 mm dia C.P.grating	4	Nos	68.30	273.20
60	Supplying all materials, labour T&P and fixing water closet,	1.00	No	2826.20	2826.20
61	Supplying all materials, labour T&P and fixing wash basins	1	No	2,651.80	2651.80
62	Supplying all materials, labour T&P and fixing standard size	3	Nos	267.40	802.20
63	Supplying all materials, labour T&P and cutting holes through brick/stone masonry walls for taking PVC pipes and fittings including making good the damages etc. all complete as per P.H. specification and direction of E.I.C. - 250 mm thick wall	3	Nos	176.60	529.80


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64	Supplying all materials, labour, T&P and laying 110 mm dia U-PVC Pipe and aligning to requisite gradient inside the trench encasing all round of the pipe with c.c (1:3:6) using 4 CM size h.g. metal and CC(1:3:6) with 4CM size h.g. metal in the bed of the trench including lowering the pipes to the bed of the trench, earth excavation in trenches in all kinds of soil, refilling the same in layer of 0.3 mtrs with watering and ramming, removing of surplus earth, testing of sewerage line including use of T&P as per PH Specification and direction of E.I.C. 110 mm dia U-PVC Pipe Sewerage line with all round encasing (IS-4985/2000- 4 Kgf/Cm2)	4.00	Mtr	1,058.90	4235.60
65	Supplying all materials, labour, T&P and providing and fixing to wall or ceiling and floor PVC Pipes conforming to ASTM-D-1785/89(sch-40/80) and pipe fittings of the following nominal bore with clamps including making good the wall, ceiling and floor testing all complete as per specification and direction of E.I.C - 15 mm dia PVC (ASTM) Pipe [Internal]	5.00	Mtr	94.50	472.50
66	25 mm dia PVC (ASTM) Pipe [External]	5.00	Mtr	87.20	436.00
67	Supplying all materials, labour, T&P and cutting holes through brick/stone masonry works including making good the damages in c.m. (1:4) for taking P.V.C. pipes & fittings etc. all complete as per P.H. specification and direction of E.I.C.	2	Nos	47.50	95.00
68	Supplying all materials, labour, T&P and fitting & fixing brass /C.P. fittings of the following nominal bore with supply of all jointing materials etc. complete as per P.H. specification and direction of E.I.C. - 15 mm dia C .P S.B. Bib Cock [Essco/Plaza/Amber/Aquatic]	2	No	697.20	1394.40
69	15 mm dia C .P (c) Stop Cock[Essco/Plaza/Amber/ Aquatic]	2	Nos	854.70	1709.40
70	15 mm dia C .P Angle Stop Cock[Essco/Plaza/Amber/	2	Nos	711.80	1423.60
71	15 mm dia C .P Pillar Cock with long neck	2	No	809.80	1619.60
72	25 mm dia PVC F.W.V[Good Quality]	2	Nos	557.10	1114.20
73	Supplying all materials, labour T&P and fitting & fixing 10 Litres capacity low level cistern with a pair of cast iron of m.s. brackets complete with fittings such as siphonic arrangements 15mm nominal size brass/pvc ball valve with polythene float, c.p. brass handle, unions and couplings for connection with inlet, outlet and overflow pipe. 32 mm C.P flush bend 15mm PVC inlet connection pipe including cutting holes and making good the same and connecting the flush bend with cistern and closet and connecting inlet pipe with	2	Nos	1,567.20	3134.40
74	500 ltr water tank storage on the roof of ground floor details of cost for one tank	1	No	4250.00	4250.00
75	Providing fitting and fixing Wall tiles in dadoos and skirting including cost of all material labour T&P etc.complete.	19.23	sqm	708.14	13618.00
76	Providing fixing Glazed tiles in floors, treads or steps and landing on 25mm thick bed of c:m (1:1) jointed with neat cement slurry mixed with pigment to match the shades of tiles etc. complete.	2.65	sqm	686.02	1818.00
					624795.11
				Total :	624795.11

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20/11/17

Assistant Engineer
NHM, Balasore

BOG-02/01

TENDER SCHEDULE

Name of the work	Extension of Matiali SC under Nilgiri Block
Estimated cost	624894.00
E.M.D. to be deposited	
Cost of tender paper with vat 5%	
Date of sale of tender	
Date of receipt of tender	
Date of opening of tender	
Time of completion	: Six Months
Class of contractor	

Sl. No.	DESCRIPTION OF ITEMS	Quantity	Unit	Rate in Figure	Amount
1	Earth work in foundation of hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge.	18.51	Cum	184.62	3418.33
2	Filling foundation and plinth with sand well watered and rammed including cost, conveyance of materials, labour T&P, royalty etc. complete as per direction of the Engineer-in-charge.	16.05	Cum	275.95	4428.86
3	Providing P.C.C. (1:4:8) with PSC cement & 4cm size h.g. metal of approved quality in foundation / floor including hoisting laying concrete, cost & conveyance of materials, labour ,T&P, royalty, taxes, curing etc. complete as per direction of the Engineer-in-charge.	15.21	Cum	4189.70	63730.48
4	Providing R.C.C. M-20 Grade in Foundation/ Super-Structure having a minimum compressive strength(In work test)250 Kg./ cm ² in 15 cm. cubes at 28 days curing after mixing and test conducted in accordance with I.S. 456 and I.S. 516 using PSC cement & 10mm. To 20mm. Size black hard crusher broken granite stone chips of approved quality and from approved Quarry including hoisting to required height lowering laying position and compacting concrete by appropriate vibretors and watering and curing for 28 days including cost of rigid smooth steel centering shuttering and finishing the exposed surface as directed including cost conveyance, royalties and taxes of all materials and cost of all labour, T&P required for the concrete etc complete in all respect but excluding cost of M.S.Rods or Tor steel etc, complete as per specification & direction Engineer-in-charge. (i) RCC in Foundation	7.74	Cum	4934.60	38176.59
5	RCC in plinth beam/ Grade beam	1.80	Cum	5295.58	9532.04
6	RCC in Column	1.30	Cum	12064.42	15683.75
7	RCC in Lintel	0.82	Cum	8493.38	6964.57
8	RCC in Chajja/ Shelves	5.200	Sqm	783.54	4074.41
9	RCC in wall beam	1.030	Sqm	12064.42	12426.35
10	RCC in roof slab	2.81	Cum	9078.46	25510.47
11	Providing & fixing in position High yield deformed bars/ reinforcement conforming to Fe 500 grade of SAIL make with cutting, bending, binding, straightening, tying and placing in position, using binding wire 18 to 20 gauge, cost & conveyance of materials,labour, T &P etc. complete as per direction of the Engineer-in-charge.	7.94	Qtl	8088.72	64224.44


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12	Providing Fly ash brick masonry in C.M.(1:6) with fly ash brick & PSC cement of approved quality and size including splays, cutting, circular moulding with cost & conveyance of materials, labour, T&P, royalty, taxes, curing etc. complete as per direction of the Engineer-in-charge. (i) In foundation & Plinth	4.04	Cum	4223.05	17061.12
13	(ii) Superstructure	10.41	Cum	4256.38	44308.92
14	Providing 12mm thick cement plaster in c.m. (1:6) over brick work finished smooth with PSC cement including cost & conveyance of materials, labour, T&P, royalty, taxes, curing etc. complete as per direction of the Engineer-in-charge. (GF)	86.42	Sqm	133.85	11567.32
15	Providing 16mm thick C.P. in C.M.(1:6) over brick work finished smooth after racking out joints with using PSC cement & cost, conveyance of materials labour, T&P required for the work including royalty etc.complete as per direction of the Engineer-in-charge. (GF)	68.91	Sqm	191.29	13181.79
16	Providing 6mm thick C.P. in C.M.(1:4) to R.C.C surface including close deep chipping & slurry treatment with PSC cement & cost, conveyance of materials labour, T&P required for the work including royalty etc.complete as per direction of the Engineer-in-charge.	32.29	Sqm	150.79	4869.01
17	Finishing wall surface of wall with cement base wall putty & finished smooth to receive pain including cost, conveyance of materials labour, T&P etc.complete as per direction of the	29.33	Sqm	71.39	2094.02
18	Supplying, fitting and fixing vetrified tile in floors of size 600mm x 600mm of approved make with application of polymer modified cement based water resistant adhesive bed of required thickness of 10mm and filling joints with epoxy grout of approved quality including cost of all materials, labour T&P etc required for the work complete as per direction of the Engineer-in-Charge.	18.12	Sqm	951.45	17235.99
19	Providing & fixing Glazed Ceramic tiles (30cmx20cm) conforming to IS 13753 in walls, risers, dado, skirting treads on 12mm thick bed of cement mortar 1:3 (1cement : 3sand) jointed with neat cement slury mixed with pigment to match the shades of the tiles including cost & conveyance of materials,royalty labour, T &P etc. complete as per direction of the Engineer-in-charge.	25.45	Sqm	704.70	17937.86
20	Supply & fixing of M.S. widow grill door & grills including cost of screws complete.including cost & conveyance of all materials,fitting, labour, T&P required for the work etc. complete as per direction of the Engineer-in-charge.	2.84	qtl	7472.68	21241.10
21	Providing two coats of distemper of approved shade over one coat of primer on wall surface including cost, conveyance of materials labour, T&P etc.complete as per direction of the Engineer-in-charge.	389.31	Sqm	120.56	46936.92
22	Providing two coats of water proofing weather coat paint including necessary preparation of surface, cost & conveyance of materials, labour, T&P etc. complete as per direction of the Engineer-in-charge. (GF)	335.90	Sqm	128.31	43099.23
23	2 coats of synthetic enamel paint on new / old steel surface with one coat primer in groud floor etc. complete as per direction of the Engineer-in-Charge.	129.25	Sqm	186.40	24090.87
24	Branding for HWC as per specification in outer plaster surface including all complete	491.66	Sqm	45.00	22124.70


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25	Recessed wiring to light point and exhaust fan point with 1.5sqm FR PVC insulated single core multistandard copper conductor of ISI mark 20mm dia non metallic PVC flexible conduct with 5AMP,25V,pino type switch make ETC as per direction of engineer in charge.				
26	.....do..... Group A (1.2.1-1.24.2)	3	Point	287.85	863.55
27	.....do..... Group B (1.2.1-1.24.2)	3	Point	498.73	1496.19
28	.....do..... Group C(1.2.1-1.24.2)	4	Point	762.34	3049.36
29	S/F of metal box pf 150mmx75mmx60mm deep(Nominal size) etc all	4	each	192.84	771.36
30	S/F of 5amp switch and 5 amp socket outlet etc all	10	each	83.14	831.40
31	PVC insulated single core multistandard copper conductor of ISI mark (ISI mark to Hevelis,V guard L&T Finolex)				0.00
32	.....do..... 2x1.5sqmm+1x1.5sqmm(1.8.1)	14	PM	120.11	1681.54
33	.....do..... 2x2.5sqmm+1x1.5sqmm(1.8.2)	14	PM	134.06	1876.84
34	.....do..... 2x1.4sqmm+1x1.5sqmm(1.8.3)	15	PM	151.44	2271.60
35	Supply instation testing and commissioning main switch etc all				0.00
36	B-do-32amp ICDP main switch	1	each	851.58	851.58
37	Holder BK angle	6	each	14.68	88.08
38	18-25 led tube light Fitting including bulb	4	each	688	2752.00
39	Fan regulator in existing switch board etc all.	2	each	280.82	561.64
40	Supply instation testing and commissioning 10watt led bulb etc all.	2	each	167.58	335.16
41	Fitting and fixing of ceiling fan	2	each	2200	4400.00
42	S/F of metal box pf 180mmx100mmx60mm deep(Nominal size) etc all	3	each	263.88	791.64
43	8watt CFL Imp,	3	each	606.05	1818.15
44	Earthing G.I	1	each	2050	2050.00
45	Supplying all labour, materials, T&P, fitting and fixing of door frame made out PVC Profiles joined to the horizontal after inserting MS/FIBER 'L' angles of size 200mm x 100mm and self tapping screw and one mtr. reinforcement providing along the sheet of the frame where the door is to be hanged. It is to be fixed to the wall with steel screw and rawal plugs all complete as per specification and direction of E.I.C.				
46	Door for toilet only-2 x [0.75 + (2 x 2.10)]=-	9.90	Mtr	340.80	3373.92
47	Supplying all labour, materials, T&P, fitting and fixing of plastic door shutters to be made of selective PVC Profiles. The styles & rails are made of section measuring 24mm x 59mm. A lock rail is provided horizontally at the required place for strength and firmness measuring 24mm x 100mm. The panel are provided a size measuring 200mm x 20mm. All the four corners are provided with MS/Fibre 'L' angles of size 200mm x 100mm and fitted with steel screw. The door to be hanged to the frame with the help of 100mm S.S. hinges and self tapping screw three nos. steel handle two nos. and 150mm long steel tower bolt two nos. all complete as per specification and direction of E.I.C.(Joint less Single Piece)				
48	Door for toilet only-2 x 0.65 x 2.05=-	4.00	Sqm	2283.10	9126.69
49	Supplying all materials, labour T&P and fixing Wash Down Water Closet(European type W.C. pan) with Integral 'S' or 'P' trap to the floor with wooden plug and C.P.screws including jointing the trap with soil pipe in C.M.(1:1) etc. all complete as per specification & direction of E.I.C a) E.W.C. with 'S'/'P' trap Plain(Neycer/Cerra/ Parry ware/ Hindware)	1.00	No	2303.90	2303.90
50	Supplying all materials, labour, T&P fitting and fixing Plastic Seat and cover for E.W.C. with chromium plated brass hinges and rubber buffers all complete as perr specification and direction of E.I.C. (Neycer/ Cerra/Parry ware/ Hindware)	1	No	611.60	611.60

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51	Supplying all materials, labour T&P and fitting & fixing U-PVC ventilating pipes and fittings of the following O.D conforming to ISI No. 4985/2000 to walls with nails, bobbins and wooden plugs or laying in trenches including jointing with supply of approved rubber lubricant by non-heat application method as per manufacturer's specification, testing, e.w. in excavation in all kinds of soil and refilling of trenches as per direction of E.I.C. a) 110 mm dia U-PVC Pipes (4 Kg/Cm ²)	5.00	Mtr	206.00	1030.00
52	110 mm dia U-PVC P' Trap	3	Nos	299.70	899.10
53	110 mm dia U-PVC Double Junction Door	1	Nos	350.30	350.30
54	110 mm dia U-PVC Plain Tee	1	Nos	267.00	267.00
55	110 mm dia U-PVC Door Bend	4	Nos	204.70	818.80
56	110 mm dia U-PVC Plain Bend	3	Nos	147.00	441.00
57	110 mm dia U-PVC Offset	1	Nos	180.50	180.50
58	110 mm dia U-PVC Cowl	1	Nos	77.30	77.30
59	125 mm dia C.P.grating	4	Nos	68.30	273.20
60	Supplying all materials, labour T&P and fixing water closet, (Orissa pattern	1.00	No	2826.20	2826.20
61	Supplying all materials, labour T&P and fixing wash basins with hole for	1	No	2,651.80	2651.80
62	Supplying all materials, labour T&P and fixing standard size C.P. soap	3	Nos	267.40	802.20
63	Supplying all materials, labour T&P and cutting holes through brick/stone masonry walls for taking PVC pipes and fittings including making good the damages etc. all complete as per P.H. specification and direction of E.I.C. - 250 mm thick wall	3	Nos	176.60	529.80
64	Supplying all materials, labour, T&P and laying 110 mm dia U-PVC Pipe and aligning to requisite gradient inside the trench encasing all round of the pipe with c.c (1:3:6) using 4 CM size h.g. metal and CC(1:3:6) with 4CM size h.g. metal in the bed of the trench including lowering the pipes to the bed of the trench, earth excavation in trenches in all kinds of soil, refilling the same in layer of 0.3 mtrs with watering and ramming, removing of surplus earth, testing of sewerage line including use of T&P as per PH Specification and direction of E.I.C. 110 mm dia U-PVC Pipe Sewerage line with all round encasing (IS-4985/2000- 4 Kg/Cm ²)	4.00	Mtr	1,058.90	4235.60
65	Supplying all materials, labour, T&P and providing and fixing to wall or ceiling and floor PVC Pipes conforming to ASTM-D-1785/89(sch-40/80) and pipe fittings of the following nominal bore with clamps including making good the wall, ceiling and floor testing all complete as per specification and direction of E.I.C - 15 mm dia PVC (ASTM) Pipe [Internal]	5.00	Mtr	94.50	472.50
66	25 mm dia PVC (ASTM) Pipe [External]	3.00	Mtr	87.20	261.60
67	Supplying all materials, labour, T&P and cutting holes through brick/stone masonry works including making good the damages in c.m. (1:4) for taking P.V.C. pipes & fittings etc. all complete as per P.H. specification and direction of E.I.C.	2	Nos	47.50	95.00
68	Supplying all materials, labour, T&P and fitting & fixing brass /C.P. fittings of the following nominal bore with supply of all jointing materials etc. complete as per P.H. specification and direction of E.I.C. - 15 mm dia C .P S.B. Bib Cock [Essco/Plaza/Amber/Aquatic]	3	No	697.20	2091.60
69	15 mm dia C .P (c) Stop Cock[Essco/Plaza/Amber/ Aquatic]	2	Nos	854.70	1709.40
70	15 mm dia C .P Angle Stop Cock[Essco/Plaza/Amber/ Aquatic]	3	Nos	711.80	2135.40
71	15 mm dia C .P Pillar Cock with long neck [Essco/Plaza/Amber/ Aquatic]	3	No	809.80	2429.40
72	25 mm dia PVC F.W.V[Good Quality]	3	Nos	557.10	1671.30
73	Supplying all materials, labour T&P and fitting & fixing 10 Litres capacity low level cistern with a pair of cast iron of m.s. brackets complete with fittings such as siphonic arrangements 15mm nominal size brass/pvc ball valve with polythene float, c.p. brass handle, unions and couplings for connection with inlet, outlet and overflow pipe. 32 mm C.P flush bend 15mm PVC inlet connection pipe including cutting holes and making good the same and connecting the flush bend with cistern and closet and connecting inlet pipe with supply main etc. all complete as per specification and direction of E.I.C (Neycer/Cerra/ Parry ware/ Hindware)	2	Nos	1,567.20	3134.40
74	500 ltr water tank storage on the roof of ground floor details of cost for one tank	1	No	4250.00	4250.00


 Assistant Engineer
 NHM, Balasore

BOQ-02/05

75	Providing fitting and fixing Wall tiles in dadoos and skirting including cost of all material labour T&P etc.complete.	19.23	sqm	708.14	13618.00
76	Providing fixing Glazed tiles in floors, treads or steps and landing on 25mm thick bed of c:m (1:1) jointed with neat cement slurry mixed with pigment to match the shades of tiles etc, complete.	2.65	sqm	686.02	1818.00
					624894.74
				Total :	624894.39
				Say :-	624894.00
	Total : 76 (Seventysix items) only				


3/11/24
CDM & PHO, Balasore

My / our Quoted rate is (in figure) % (in words)Percent
Excess over / Less than / equal to / the above estimated cost.

Signature of Contractor
Sold vide Money Receipt No, _____ Date _____ towards cost of
Tender paper on payment of Rs. _____ (Rupees _____ only)


**Assistant Engineer
NHM, Balasore**

**CDM & PHO, Balasore
Balasore**

BOG-03/01

TCN - 1 / 2019-20

TENDER SCHEDULE

Name of the work	Upgradation of HWC SC at Mangalpur Under Soro Block
Estimated cost	624702.00
E.M.D. to be deposited	
Cost of tender paper	
Date of sale of tender	
Date of receipt of tender	
Date of opening of tender	
Time of completion	
Class of contractor	"C" and "D" class

Sl. No.	DESCRIPTION OF ITEMS	Quantity	Unit	Rate in Figure	Amount
1	Earth work in excavation of foundation in all kind soil with in all leads and lifts and to required depth including dressing and levelling the bed and depositing the excavated materials away from work site etc. complete to shape as per direction of the Engineer-in-charge.	15.19	Cum	184.59	2803.63
2	Filling foundation and plinth with sand well watered and rammed including cost, conveyance of materials, labour T&P, royalty etc. complete as per direction of the Engineer-in-charge.	22.93	Cum	705.64	16182.67
3	Providing P.C.C. (1:3:6) with 4cm size h.g. metal of approved quality in foundation / floor including hoisting laying concrete, cost & conveyance of materials, labour ,T&P, royalty, taxes, curing etc. complete as per direction of the Engineer-in-charge.	8.40	Cum	4285.43	35983.38
	Providing P.C.C. (1:2:4) with 12mm size h.g. metal of approved quality in foundation / floor including hoisting laying concrete, cost & conveyance of materials, labour ,T&P, royalty, taxes, curing etc. complete as per direction of the Engineer-in-charge.	3.27	Cum	5593.31	18290.70
4	R.C.C.M-20 using 20mm & down graded size hard granite chips of approved quality from approved quarry including hoisting laying concrete to required thickness with cost, conveyance of materials labour including royalty, watering curing etc.complete.				
4-a	Column base	3.97	Cum	4581.89	18182.27
4-b	Plinth beam	1.60	Cum	4942.84	7898.47
4-c	Column	1.76	Cum	11710.96	20557.51



Assistant Engineer
NHM, Balasore

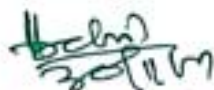
BOQ-03/02

d	Lintel	0.66	Cum	8140.42	5398.35
e	Chajja	2.97	Sqm	760.50	2260.86
4-f	Wall beam	0.80	Cum	11710.96	9356.83
4-g	slab	2.03	Cum	8724.75	17689.10
5	Cutting, bending, binding of HYSD bars in proper position including cost of binding wire of 18 to 20 gauge, labour, T & P etc complete as per direction of the Engineer-in-charge.	11.73	Qntl	7031.93	82474.08
6	Brick work with Fly ash bricks having c.strength between 75 to 99 kg/cm ² in cm (1:6) including cost of all materials royalty, watering, and labour etc. complete as per direction of the Engineer-in-charge.				
6-a	Foundation	3.20	Cum	4530.17	14478.08
6-b	Superstructure	11.07	Sqm	4563.50	50529.20
7	28.6mm thick Cement plaster (1:4) finished smooth per 1 Sqm. including curing etc. complete.	67.55	Sqm	128.49	8679.95
8	16mm thick Cement plaster (1:6) over brickwork including curing etc. complete.	92.15	Sqm	196.91	18144.17
9	12mm thick Cement plaster (1:6) for brickwork including curing etc. complete.	50.59	Sqm	138.53	7007.60
10	Fixing of vetrified tiles in floors of Size 600x600mm of approved make coformaing to I.S:13755 laid on on 25mm thick bed of Cement mortar 1:4 (1 Cement : 4 sand) and filling joint with white Cement of approved quality in slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones. (For new work)	72.43	Sqm	1176.33	85199.48
11	Supplying fitting and fixing of glazed ceramic wall tile etc complete	11.87	Sqm	765.00	9082.60
12	Distempering 2-coat to walls with distemper of approved shade on old/new work to give on even shade excluding cost of distemper.	415.17	Sqm	120.55	50048.68
13	Finishing wall surface with weather coat painting 2 coat to the new surfaces of walls with all cost.	151.92	Sqm	70.71	10741.72
14	Painting 1-coat with any approved primer including all labour etc complete.	8.27	Sqm	133.00	1099.69
15	Window grill in mild steel.	162.00	Kg	57.88	9376.73
16	M.S.door and window in mild steel.	435.00	Kg	113.89	49541.11
	Dismantaling A.S. flooring etc complete	38.42	Sqm	76.90	2954.88
	P.H work and internal fittings				

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Assistant Engineer
NRM, Balesore

17	Supplying all materials, labour T&P and fixing Ceramic Tiles in floors on 25mm thick bed of cement mortar (1:1) jointed with neat cement slurry mixed with pigments to match the shades of the tiles including rubbing and polishing complete as per specification and direction of EIC	7.38	Sqm	710.72	5243.20
18	Supplying all materials, labour T&P and fixing porcelain glazed tiles in dados skirting, on 12mm thick C.P. (1:3) jointed with neat cement slurry mixed with pigments to match the shades of the tiles including rubbing and polishing complete as per direction of Engineer-in-Charge.	11.15	Sqm	738.08	8231.33
19	Supplying all labour, materials, T&P, fitting and fixing of door frame made out PVC Profiles jointed to the horizontal after inserting MS/FIBER 'L' angles of size 200mm x 100mm and self tapping screw and one mtr. reinforcement providing along the sheet of the frame where the door is to be hanged. It is to be fixed to the wall with steel screw and rawal plugs all complete as per specification and direction of E.I.C.	4.45	Mtr	340.80	1516.56
20	Supplying all labour, materials, T&P, fitting and fixing of plastic door shutters to be made of selective PVC Profiles. The styles & rails are made of section measuring 24mm x 59mm. A lock rail is provided horizontally at the required place for strength and firmness measuring 24mm x 100mm. The panel are provided a size measuring 200mm x 20mm. All the four corners are provided with MS/Fibre 'L' angles of size 200mm x 100mm and fitted with steel screw. The door to be hanged to the frame with the help of 100mm S.S. hinges and self tapping screw three nos. steel handle two nos. and 150mm long steel tower bolt two nos. all complete as per specification and direction of E.I.C.(Joint less Single Piece)	1.34	Sqm	2283.10	3059.35
22	Supplying all materials, labour T&P and fixing Wash Down Water Closet(European type W.C. pan) with Integral 'S' or 'P' trap to the floor with wooden plug and C.P.screws including jointing the trap with soil pipe in C.M.(1:1) etc. all complete as per specification & direction of E.I.C a) E.W.C. with 'S'/'P' trap Plain(Neycer/Cerra/ Parry ware/ Hindware)	1.00	No	2303.90	2303.90



Assistant Engineer
NHM, Balasore

23	Supplying all materials, labour T&P and fitting & fixing U-PVC ventilating pipes and fittings of the following O.D conforming to ISI No. 4985/2000 to walls with nails, bobbins and wooden plugs or laying in trenches including jointing with supply of approved rubber lubricant by non-heat application method as per manufacturer's specification, testing, e.w. in excavation in all kinds of soil and refilling of trenches as per direction of E.I.C. a) 110 mm dia U-PVC Pipes (4 Kgf/Cm ²)	10.00	Mtr	206.00	2060.00
24	110 mm dia U-PVC P' Trap	4	Nos	299.70	1198.80
25	110 mm dia U-PVC Double Junction Door	2	Nos	350.30	700.60
26	110 mm dia U-PVC Plain Tee	2	Nos	267.00	534.00
27	110 mm dia U-PVC Door Bend	4	Nos	204.70	818.80
28	110 mm dia U-PVC Plain Bend	3	Nos	147.00	441.00
29	110 mm dia U-PVC Offset	1	Nos	180.50	180.50
30	110 mm dia U-PVC Cowl	1	Nos	77.30	77.30
31	125 mm dia C.P.grating	4	Nos	68.30	273.20
32	Supplying all materials, labour T&P and fixing wash basins with hole for pillar taps with C.I/M.S brackets painted white including holes in walls and making good the damages etc. all complete as per P.H specification and direction of E.I.C.-- 550mm x 400mm WHB with all Fittings with C.P. Waste, PVC Waste Pipe & Connection Pipe. (Neycer/Cerra/ Parry ware/ Hindware)	1	No	2,651.80	2651.80
33	Supplying all materials, labour T&P and fixing mirror of superior glass mounted on 6mm thick plywood sheet and fixed to wooden plugs with C.P screws and washers complete as per P.H specification and direction of E.I.C.-- 600mm x 450mm B.E. Mirror (fixed type)	1	No	695.70	695.70
34	Supplying all materials, labour T&P and fixing standard size C.P. soap holder complete with c.p brass brackets fixed to wooden plugs with cp screws as per PH specification and direction of E.I.C C.P.Soap Holder.	2	Nos	267.40	534.80
35	Supplying all materials, labour T&P and fixing bowl pattern urinal including the connecting the urinal with waste pipe by means of white lead list with chopped hemp etc. all complete as per direction of E.I.C.-- Flat back lipped wall urinal (standing Urinal) including 32mm dia PVC Waste Pipe with brass coupling nut & 15mm dia PVC inlet connection Pipe	1	Nos	1,826.10	1826.10


 Assistant Engineer
 NHM, Balasore

36	Supplying all materials, labour T&P and cutting holes through brick/stone masonry walls for taking PVC pipes and fittings including making good the damages etc. all complete as per P.H. specification and direction of E.I.C. -- 250 mm thick wall	4	Nos	176.60	706.40
37	375 mm thick wall	1	Nos	224.90	224.90
38	Supplying all materials, labour, T&P and laying 110 mm dia U-PVC Pipe and aligning to requisite gradient inside the trench encasing all round of the pipe with c.c (1:3:6) using 4 CM size h.g. metal and CC(1:3:6) with 4CM size h.g. metal in the bed of the trench including lowering the pipes to the bed of the trench, earth excavation in trenches in all kinds of soil, refilling the same in layer of 0.3 mtrs with watering and ramming, removing of surplus earth, testing of sewerage line including use of T&P as per PH Specification and direction of E.I.C. 110 mm dia U-PVC Pipe Sewerage line with all round encasing (IS-4985/2000- 4 Kgf/Cm ²)	8.00	Mtr	1,058.90	8471.20
39	Supplying all materials, labour, T&P and providing and fixing to wall or ceiling and floor PVC Pipes conforming to ASTM-D-1785/89(sch-40/80) and pipe fittings of the following nominal bore with clamps including making good the wall, ceiling and floor testing all complete as per	10.00	Mtr	94.50	945.00
40	25 mm dia PVC (ASTM) Pipe) [External]	5.00	Mtr	87.20	436.00
41	Supplying all materials, labour, T&P and cutting holes through brick/stone masonry works including making good the damages in c.m. (1:4) for taking P.V.C. pipes & fittings etc. all	4	Nos	47.50	190.00
42	Supplying all materials, labour, T&P and fitting & fixing brass /C.P. fittings of the following nominal bore with supply of all jointing materials etc. complete as per P.H. specification and direction of E.I.C. -- 15 mm dia C .P S.B. Bib Cock [Essco/Plaza/Amber/Aquatic]	6	No	697.20	4183.20

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Assistant Engineer
NHM, Balasore

43	Supplying all materials, labour T&P and fitting & fixing 10 Litres capacity low level cistern with a pair of cast iron of m.s. brackets complete with fittings such as siphonic arrangements 15mm nominal size brass/pvc ball valve with polythene float, c.p. brass handle, unions and couplings for connection with inlet, outlet and overflow pipe. 32 mm C.P flush bend 15mm PVC inlet connection pipe including cutting holes and making good the same and connecting the flush	1	Nos	1,567.20	1567.20
Electrification					
44	Recessed wiring to light point and exhaust fan point with 1.5sqm FR PVC insulated single core multistandard copper conductor of ISI mark 20mm dia non metallic PVC flexible conduct with 5AMP,25V,pino type switch make ETC as per				
45	.....do..... Group A (1.2.1-1.24.2)	Point	6	287.85	1727.10
46	.....do..... Group B (1.2.1-1.24.2)	Point	6	498.73	2992.38
47	Recessed wiring with fan point Group-B	Point	3	498.73	1496.19
48	S/F of metal box pf 150mmx75mmx60mm	each	4	192.84	771.36
49	S/F of 5amp switch and 5 amp socket outlet etc all	each	2	83.14	166.28
50	S/F of metal box pf 180mmx100mmx60mm deep(Nominal size) etc all	each	2	263.88	527.76
51	PVC insulated single core multistandard copper conductor of ISI mark (ISI mark to Hevels,V guard L&T Finolex)		4		
52	.....do..... 2x1.5sqmm+1x1.5sqmm(1.8.1)	PM	4	120.11	480.44
53	.....do..... 2x2.5sqmm+1x1.5sqmm(1.8.2)	PM	4	134.06	536.24
54	.....do..... 2x1.4sqmm+1x1.5sqmm(1.8.3)	PM	5	151.44	757.20
55	Holder BK angle	each	5	14.68	73.40
56	soldering of GI wire	PM	5	47.68	238.40
57	Fitting and fixing of ceiling fan	each	4	2500	10000.00
58	Fan regulator in existing switch board etc all.	each	2	280.82	561.64
59	Supply instation testing and commissioning 10watt led bulb etc all	each	8	167.58	1340.64

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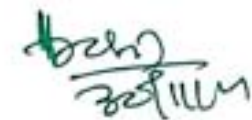
Say

624702.00

My / our Quoted rate is (in figure) % (In words)Percent
Excess over / Less than / equal to / the above estimated cost.

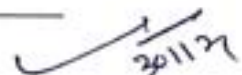
Signature of Contractor

Sold vide Money Receipt No. _____ Date _____ towards cost of
Tender paper on payment of Rs. _____ (Rupees _____
_____ only)



**Assistant Engineer
NHM, Balasore**

**Chief District Medical & Public Health Officer
Balasore**



BOG-04/01

TENDER SCHEDULE					
Name of the work		Extension of Kuruda SC under Remuna Block			
Estimated cost		624566.00			
E.M.D. to be deposited					
Cost of tender paper with vat 5%					
Date of sale of tender					
Date of receipt of tender					
Date of opening of tender					
Time of completion					
Class of contractor					
Sl. No.	DESCRIPTION OF ITEMS	Quantity	Unit	Rate in Figure	Amount
1	Earth work in foundation of hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge.	18.51	Cum	184.62	3418.33
2	Filling foundation and plinth with sand well watered and rammed including cost, conveyance of materials, labour T&P, royalty etc. complete as per direction of the Engineer-in-charge.	16.05	Cum	347.05	5570.05
3	Providing P.C.C. (1:4:8) with PSC cement & 4cm size h.g. metal of approved quality in foundation / floor including hoisting laying concrete, cost & conveyance of materials, labour ,T&P, royalty, taxes, curing etc. complete as per direction of the Engineer-in-charge.	15.21	Cum	4134.17	62885.76
4	Providing R.C.C. M-20 Grade in Foundation/ Super-Structure having a minimum compressive strength(In work test)250 Kg./ cm ² in 15 cm. cubes at 28 days curing after mixing and test conducted in accordance with I.S. 456 and I.S. 516 using PSC cement & 10mm. To 20mm. Size black hard crusher broken granite stone chips of approved quality and from approved Quarry including hoisting to required height lowering laying position and compacting concrete by appropriate vibretors and watering and curing for 28 days including cost of rigid smooth steel centering shuttering and finishing the exposed surface as directed including cost conveyance, royalties and taxes of all materials and cost of all labour, T&P required for the concrete etc complete in all respect but excluding cost of M.S.Rods or Tor steel etc, complete as per specification & direction Engineer-in-charge. (i) RCC in Foundation	7.74	Cum	4857.79	37582.39
5	RCC in plinth beam/ Grade beam	1.80	Cum	5218.77	9393.79
6	RCC in Column	1.30	Cum	11987.61	15583.90
7	RCC in Lintel	0.82	Cum	8416.57	6901.59
8	RCC in Chajja/ Shelves	5.200	Sqm	778.54	4048.42
9	RCC in wall beam	1.030	Sqm	11987.61	12347.24
10	RCC in roof slab	2.81	Cum	9001.65	25294.64


 Assistant Engineer
 NHM, Balasore

11	Providing & fixing in position High yield deformed bars/ reinforcement conforming to Fe 500 grade of SAIL make with cutting, bending, binding, straightening, tying and placing in position, using binding wire 18 to 20 gauge, cost & conveyance of materials,labour, T &P etc. complete as per direction of the Engineer-in-charge.	7.94	Qtl	8074.76	64113.58
12	Providing Fly ash brick masonry in C.M.(1:6) with fly ash brick & PSC cement of approved quality and size including splays, cutting, circular moulding with cost & conveyance of materials, labour ,T&P, royalty, taxes, curing etc. complete as per direction of the Engineer-in-charge. (i) in foundation & Plinth	4.04	Cum	4234.02	17105.43
13	(ii) Superstructure	10.41	Cum	4267.35	44423.09
14	Providing 12mm thick cement plaster in c.m. (1:6) over brick work finished smooth with PSC cement including cost & conveyance of materials, labour, T&P, royalty, taxes, curing etc. complete as per direction of the Engineer-in-charge (GF)	86.42	Sqm	134.44	11618.01
15	Providing 16mm thick C.P. in C.M.(1:6) over brick work finished smooth after racking out joints with using PSC cement & cost, conveyance of materials labour, T&P required for the work including royalty etc.complete as per direction of the Engineer-in-charge. (GF)	68.91	Sqm	192.00	13230.63
16	Providing 6mm thick C.P. in C.M.(1:4) to R.C.C surface including close deep chipping & slurry treatment with PSC cement & cost, conveyance of materials labour, T&P required for the work including royalty etc.complete as per direction of the Engineer-in- charge.	32.29	Sqm	150.83	4870.15
17	Finishing wall surface of wall with cement base wall putty & finished smooth to receive pain including cost, conveyance of materials labour, T&P etc.complete as per	29.33	Sqm	71.39	2094.02
18	Supplying, fitting and fixing vetrified tile in floors of size 600mm x 600mm of approved make with application of polymer modified cement based water resistant adhesive bed of required thickness of 10mm and filling joints with epoxy grout of approved quality including cost of all materials, labour T&P etc required for the work complete as per direction of the Engineer-in-Charge	18.12	Sqm	947.86	17170.97
19	Providing & fixing Glazed Ceramic tiles (30cmx20cm) conforming to IS 13753 in walls, risers, dado, skirting treads on 12mm thick bed of cement mortar 1:3 (1cement : 3sand) jointed with neat cement slury mixed with pigment to match the shades of the tiles including cost & conveyance of materials,royalty labour, T &P etc. complete as per direction of the Engineer-in-charge.	25.45	Sqm	700.38	17827.90
20	Supply & fixing of M.S. widow grill door & grills including cost of screws complete.including cost & conveyance of all materials,fitting, labour, T&P required for the work etc. complete as per direction of the Engineer-in-charge.	2.84	qtl	7472.68	21241.10

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24/11/18

Assistant Engineer
NHM, Balasore

BQA-04/03

21	Providing two coats of distemper of approved shade over one coat of primer on wall surface including cost, conveyance of materials labour, T&P etc. complete as per direction of the Engineer-in-charge.	389.31	Sqm	120.56	46936.92
22	Providing two coats of water proofing weather coat paint including necessary preparation of surface, cost & conveyance of materials, labour, T&P etc. complete as per direction of the Engineer-in-charge. (GF)	335.90	Sqm	128.31	43099.23
23	2 coats of synthetic enamel paint on new / old steel surface with one coat primer in ground floor etc. complete as per direction of the Engineer-in-Charge.	129.25	Sqm	186.40	24090.87
24	Branding for HWC as per specification in outer plaster surface including all complete	491.66	Sqm	45.00	22124.70
25	Recessed wiring to light point and exhaust fan point with 1.5sqm FR PVC insulated single core multistandard copper conductor of ISI mark 20mm dia non metallic PVC flexible conduct with 5AMP, 25V, pino type switch make ETC as per direction of engineer in charge.				
26	.....do..... Group A (1.2.1-1.24.2)	3	Point	287.85	863.55
27	.....do..... Group B (1.2.1-1.24.2)	3	Point	498.73	1496.19
28	.....do..... Group C(1.2.1-1.24.2)	4	Point	762.34	3049.36
29	S/F of metal box pf 150mmx75mmx60mm deep(Nominal size) etc all	4	each	192.84	771.36
30	S/F of 5amp switch and 5 amp socket outlet etc all	10	each	83.14	831.40
31	PVC insulated single core multistandard copper conductor of ISI mark (ISI mark to Hevels, V guard L&T Finolex)				0.00
32	.....do..... 2x1.5sqmm+1x1.5sqmm(1.8.1)	14	PM	120.11	1681.54
33	.....do..... 2x2.5sqmm+1x1.5sqmm(1.8.2)	14	PM	134.06	1876.84
34	.....do..... 2x1.4sqmm+1x1.5sqmm(1.8.3)	15	PM	151.44	2271.60
35	Supply instation testing and commissioning main switch etc all				0.00
36	B-do-32amp ICOP main switch	1	each	851.58	851.58
37	Holder BK angle	6	each	14.68	88.08
38	18-25 led tube light Fitting including bulb	4	each	688	2752.00
39	Fan regulator in existing switch board etc all.	2	each	280.82	561.64
40	Supply instation testing and commissioning 10watt led bulb etc all.	2	each	167.58	335.16
41	Fitting and fixing of ceiling fan	2	each	2200	4400.00
42	S/F of metal box pf 180mmx100mmx60mm deep(Nominal size) etc all	3	each	263.88	791.64
43	8watt CFL Imp,	3	each	606.05	1818.15
44	Earthing G.I	1	each	2050	2050.00
45	Supplying all labour, materials, T&P, fitting and fixing of door frame made out PVC Profiles joined to the horizontal after inserting MS/FIBER 'L' angles of size 200mm x 100mm and self tapping screw and one mtr. reinforcement providing along the sheet of the frame where the door is to be hanged. It is to be fixed to the wall with steel screw and rawal plugs all complete as per specification and direction				

Behram
20/11/20

Assistant Engineer
NHM, Balasore

BOA-04/04

46	Door for toilet only-2 x [0.75 + (2 x 2.10)] =	9.90	Mtr	340.80	3373.92
47	Supplying all labour, materials, T&P, fitting and fixing of plastic door shutters to be made of selective PVC Profiles, The styles & rails are made of section measuring 24mm x 59mm. A lock rail is provided horizontally at the required place for strength and firmness measuring 24mm x 100mm. The panel are provided a size measuring 200mm x 20mm. All the four corners are provided with MS/Fibre 'L' angles of size 200mm x 100mm and fitted with steel screw. The door to be hanged to the frame with the help of 100mm S.S. hinges and self tapping screw three nos. steel handle two nos. and 150mm long steel tower bolt two nos. all complete as per specification and direction of E.I.C. (Joint less Single Piece)				
48	Door for toilet only-2 x 0.65 x 2.05 =	4.00	Sqm	2283.10	9126.69
49	Supplying all materials, labour T&P and fixing Wash Down Water Closet (European type W.C. pan) with Integral 'S' or 'P' trap to the floor with wooden plug and C.P. screws including jointing the trap with soil pipe in C.M. (1:1) etc. all complete as per specification & direction of E.I.C. a) E.W.C. with 'S' / 'P' trap Plain (Neycer/Cerra/ Parry ware/ Hindware)	1.00	No	2303.90	2303.90
50	Supplying all materials, labour, T&P fitting and fixing Plastic Seat and cover for E.W.C. with chromium plated brass hinges and rubber buffers all complete as per specification and direction of E.I.C. (Neycer/ Cerra/Parry ware/ Hindware)	1	No	611.60	611.60
51	Supplying all materials, labour T&P and fitting & fixing U-PVC ventilating pipes and fittings of the following O.D conforming to ISI No. 4985/2000 to walls with nails, bobbins and wooden plugs or laying in trenches including jointing with supply of approved rubber lubricant by non-heat application method as per manufacturer's specification, testing, e.w. in excavation in all kinds of soil and refilling of trenches as per direction of E.I.C. a) 110 mm dia U-PVC Pipes (4 Kg/Cm ²)	5.00	Mtr	206.00	1030.00
52	110 mm dia U-PVC P' Trap	3	Nos	299.70	899.10
53	110 mm dia U-PVC Double Junction Door	2	Nos	350.30	700.60
54	110 mm dia U-PVC Plain Tee	2	Nos	267.00	534.00
55	110 mm dia U-PVC Door Bend	4	Nos	204.70	818.80
56	110 mm dia U-PVC Plain Bend	3	Nos	147.00	441.00
57	110 mm dia U-PVC Offset	1	Nos	180.50	180.50
58	110 mm dia U-PVC Cowl	1	Nos	77.30	77.30
59	125 mm dia C.P. grating	4	Nos	68.30	273.20
60	Supplying all materials, labour T&P and fixing water closet, (Orissa pattern squatting pan) duly embedded in c.c. (1:5:10) using 4cm h.g. metal all complete as per direction of E.I.C. - (583x440)mm Orissa pan (Neycer/Cerra/ Parry ware/ Hindware)	1.00	No	2826.20	2826.20

Handwritten Signature
 Assistant Engineer
 NHM, Balasore

BOG-04/05

61	Supplying all materials, labour T&P and fixing wash basins with hole for pillar taps with C.I/M.S brackets painted white including holes in walls and making good the damages etc. all complete as per P.H specification and direction of E.I.C.-- 550mm x 400mm WHB with all Fittings with C.P. Waste, PVC Waste Pipe & Connection Pipe. (Neycer/Cerra/ Parry ware/ Hindware)	1	No	2,651.80	2651.80
62	Supplying all materials, labour T&P and fixing standard size C.P. soap holder complete with c.p brass brackets fixed to wooden plugs with cp screws as per PH specification and direction of E.I.C C.P.Soap Holder.	3	Nos	267.40	802.20
63	Supplying all materials, labour T&P and cutting holes through brick/stone masonry walls for taking PVC pipes and fittings including making good the damages etc. all complete as per P.H. specification and direction of E.I.C. -- 250 mm thick wall	3	Nos	176.60	529.80
64	Supplying all materials, labour, T&P and laying 110 mm dia U-PVC Pipe and aligning to requisite gradient inside the trench encasing all round of the pipe with c.c (1:3:6) using 4 CM size h.g. metal and CC(1:3:6) with 4CM size h.g. metal in the bed of the trench including lowering the pipes to the bed of the trench, earth excavation in trenches in all kinds of soil, refilling the same in layer of 0.3 mtrs with watering and ramming, removing of surplus earth, testing of sewerage line including use of T&P as per PH Specification and direction of E.I.C. 110 mm dia U-PVC Pipe Sewerage line with all round encasing (IS-4985/2000- 4 Kg/Cm ²)	4.00	Mtr	1,058.90	4235.60
65	Supplying all materials, labour, T&P and providing and fixing to wall or ceiling and floor PVC Pipes conforming to ASTM-D-1785/89(sch-40/80) and pipe fittings of the following nominal bore with clamps including making good the wall, ceiling and floor testing all complete as per specification and direction of E.I.C - 15 mm dia PVC (ASTM) Pipe [Internal]	5.00	Mtr	94.50	472.50
66	25 mm dia PVC (ASTM) Pipe [External]	3.00	Mtr	87.20	261.60
67	Supplying all materials, labour, T&P and cutting holes through brick/stone masonry works including making good the damages in c.m. (1:4) for taking P.V.C. pipes & fittings etc. all complete as per P.H. specification and direction of E.I.C.	2	Nos	47.50	95.00
68	Supplying all materials, labour, T&P and fitting & fixing brass /C.P. fittings of the following nominal bore with supply of all jointing materials etc. complete as per P.H. specification and direction of E.I.C. -- 15 mm dia C .P S.B. Bib Cock [Essco/Plaza/Amber/Aquatic]	3	No	697.20	2091.60
69	15 mm dia C .P (c) Stop Cock[Essco/Plaza/Amber/ Aquatic]	2	Nos	854.70	1709.40
70	15 mm dia C .P Angle Stop Cock[Essco/Plaza/Amber/	3	Nos	711.80	2135.40
71	15 mm dia C .P Pillar Cock with long neck	3	No	809.80	2429.40
72	25 mm dia PVC F.W.V[Good Quality]	3	Nos	557.10	1671.30

Belm?
20/11/12

Assistant Engineer
NHM, Balasore

BOQ-04/06

73	Supplying all materials, labour T&P and fitting & fixing 10 Litres capacity low level cistern with a pair of cast iron of m.s. brackets complete with fittings such as siphonic arrangements 15mm nominal size brass/pvc ball valve with polythene float, c.p. brass handle, unions and couplings for connection with inlet, outlet and overflow pipe. 32 mm C.P flush bend 15mm PVC inlet connection pipe including cutting holes and making good the same and connecting the flush bend with cistern and closet and connecting inlet pipe with supply main etc. all complete as per specification and direction of E.I.C (Neycer/Cerra/ Parry ware/ Hindware)	2	Nos	1,567.20	3134.40
74	500 ltr water tank storage on the roof of ground floor details of cost for one tank	1	No	4250.00	4250.00
75	Providing fitting and fixing Wall tiles in dadoos and skirting including cost of all material labour T&P etc.complete.	19	sqm	708.14	13618.00
76	Providing fixing Glazed tiles in floors, treads or steps and landing on 25mm thick bed of c:m (1:1) jointed with neat cement slurry mixed with pigment to match the shades of tiles etc, complete.	3	sqm	686.02	1817.97
					624565.58
				Total :	624565.58
				Say :-	624566.00
	Total : 76 (Seventysix items) only				

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20/11/24

**Assistant Engineer
NHM, Balasore**

CDM & PHO, Balasore

My / our Quoted rate is (in figure) % (in words)Percent
Excess over / Less than / equal to / the above estimated cost.

Signature of Contractor

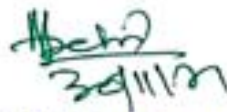
Sold vide Money Receipt No. _____ Date _____ towards cost of
Tender paper on payment of Rs. _____ (Rupees _____
_____ only)

**CDM & PHO, Balasore
Balasore**

TENDER SCHEDULE

(BILL OF QUANTITY) - 05/09

	Name of work-	Renovation of Sc at Banabhuin under Nilgiri Block			
	Estimated Cost-	Rs- 253000.00			
	E.M. to be Deposited-				
	Cost Of Tender paper with VAT 4%	Rs-			
	Date of sale of Tender				
	Date of Receipt of Tender				
	Date of opening of Tender				
	Time of completion				
	Class of Contractor	"D" & "C" Class			
Sl. No.	DESCRIPTION OF ITEMS	No. or Qty	UNIT	Estimated Rate Figure	AMOUNT in Rupees
1	R.C.C. work of M-20 grade with 12mm and down graded hard granite crusher broken chips of approved quality and from approved quarry including mixing ,hoisting, lowering, laying and compacting concrete in layers of specific thickness conforming to technical terms & condition of M20 grade concrete including centering shuttering and finished the exposed surface smooth providing beads where necessary including watering, curing, with all cost, conveyance, royalty taxes of all materials, all labour charges, T&P articles required for the work etc. complete as per the specification and direction of the Engineer-in-charge.				
	Slab	0.40	1 Cum	8977.20	3557.00
2	Straightening, bend up or coiled rod, cutting, bending, cranking, hooking welding or jointing (if required the MS/Tor rod and binding wire, laying the grills and placing in proper position as required for R.C.C. work providing fan hooks when necessary including cost conveyance, royalty taxes of M.S. or Tor steel and binding wire of 18 to 20 gauge and cost of all labour T&P required for the work as per the specification and direction of the Engineer-in-charge.	0.40	1 Qtl.	8078.25	3201.00
3	Providing fixing granite floor tiles in floors, treads or steps and landing on 25mm thick bed of c:m (1:1) jointed with neat cement slurry mixed with pigment to match the shades of tiles including cost & conveyance of materials, royalty labour, T & P etc. complete as per direction of the Engineer-in-charge.	5.85	1 Sqm	1661.17	9722.00



Assistant Engineer
NIM, Balasore

4	250mm thick Flyash.brick work in cement mortar (1:6) after immersing brick for six hours in water before use in superstructure with good quality clamp brunt of brick 25 cm x 12 cm x 8 cm size having crushing strength not less than 100kg . Per Sqm. Including splays cutting circular molding and similar such type of work with necessary projections, chamfering and corbelling watering and curing etc. complete including cost conveyance and royalty of all materials with all taxes and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.In Superstructure)	0.71	1 Cum	4500.21	3209.00
5	12mm thick cement plaster in Cement mortar (1:6) finished smooth to out side the plaster after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.	14.10	1 Sqm	139.19	1963.00
6	16mm thick cement plaster in Cement mortar (1:6) finished smooth to over brick walls after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.	12.23	1sqm	196.14	2399.00
7	Providing 6mm thick C.P. in R.C.C surface including close deep chipping & slurry treatment with cost, conveyance of materials labour, T&P required for the work including royalty etc.complete as per direction of the Engineer-in-charge	7.31	1 Cum	150.75	1102.00
8	Fixing vetrified tiles of coloured/printed series(homogenous) in floors, treads or steps and landing on 25mm thick bed of cement mortar (1:1) (1cement:1sand) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including rubbing and polishing complet excluding cost of precast tiles per 1sqm	9.29	1 Sqm	957.56	8896.00
9	Providing for fitting & fixing M.S. grill as per approved desing in position iron fittings such as bolt, rings with all cost, conveyance royalty T&P articles complete as per specification and direction of the Engineer-in-charge.	5.10	qtl	7472.68	38111.00
10	:Fixing of ceramic floor tiles of Size 30cmx30cm / 40cmx40cm special plane / printed series of premium grade having thickness 7mm to 8mm confirming to IS 13753 laid on on 25mm thick bed of Cement mortar 1:4 (1 Cement : 4 sand) and filling joint with white Cement of approved quality in slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones.	8.36	1 Sqm	948.57	7931.00
11	Distempering two coats to the wall surface with any approved paint over a one coat of primer including cost of distemper etc. in all respect as per the specification & direction of the Engineer in charge.	470.13	1 Sqm	120.56	56681.00

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29/11/21

Assistant Engineer
NHM, Balasore

BOA-05/03

12	Finishing wall with water proofing weather coat of approved shade on new work over a one coat of primer to given shade to outside wall with all cost, conveyance royalty taxes of all materials and all labour T&P required for the work etc. complete as per direction of the Engineer-in-charge	284.46	1 Sqm	128.31	36499.00
13	Painting two coats of synthetic enamel paint over one coat of primer on steel surface including necessary preparation of surface, cost & conveyance of materials, labour, T&P etc. complete to shape as per direction of the Engineer-in-charge	55.29	1 Sqm	190.85	10552.00
14	Branding for HWC as per specification in outer plaster surface including all complete	578.53	1sft	50.00	28926.60
15	:Fixing of ceramic wall tiles in dados, skirting riser of steps 20cmx30cm / 20cmx20cm special plane / printed series of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753 on 12 mm thick bed of Cement mortar 1:3 (1 Cement :3 sand) jointed with neat Cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones.	19.10	sqm	701.33	13397.00
16	Supplying all materials, labour T&P and fitting & fixing U-PVC ventilating pipes and fittings of the following O.D conforming to ISI No. 4985/2000 to walls with nails, bobbins and wooden plugs or laying in trenches including jointing with supply of approved rubber lubricant by non-heat application method as per manufacturer's specification, testing, e.w. in excavation in all kinds of soil and refilling of trenches as per direction of E.I.C. a) 110 mm dia U-PVC Pipes (4 Kgf/Cm ²)	8.00	Mtr	206.00	1648.00
17	110 mm dia U-PVC P' Trap	3	Nos	299.70	899.10
18	110 mm dia U-PVC Double Junction Door	2	Nos	350.30	700.60
19	110 mm dia U-PVC Plain Tee	2	Nos	267.00	534.00
20	110 mm dia U-PVC Door Bend	4	Nos	204.70	818.80
21	110 mm dia U-PVC Plain Bend	2	Nos	147.00	294.00
22	110 mm dia U-PVC Offset	2	Nos	180.50	361.00
23	110 mm dia U-PVC Cowl	2	Nos	77.30	154.60
24	125 mm dia C.P.grating	3	Nos	68.30	204.90
25	Supplying all materials, labour T&P and fixing standard size C.P. soap holder complete with c.p brass brackets fixed to wooden plugs with cp screws as per PH specification and direction of E.I.C C.P.Soap Holder.	4	Nos	267.40	1069.60
26	Supplying all materials, labour, T&P and laying 110 mm dia U-PVC Pipe and aligning to requisite gradient inside the trench encasing all round of the pipe with c.c (1:3:6) using 4 CM size h.g. metal and CC(1:3:6) with 4CM size h.g. metal in the bed of the trench including lowering the pipes to the bed of the trench, earth excavation in trenches in all kinds of soil, refilling the same in layer of 0.3 mtrs with watering and ramming, removing of surplus earth, testing of sewerage line including use of T&P as per PH Specification and direction of E.I.C. 110 mm dia U-PVC Pipe Sewerage line with all round encasing (IS-4985/2000- 4 Kgf/Cm ²)	3.00	Mtr	1,058.90	3176.70
27	Supplying all materials, labour, T&P and providing and fixing to wall or ceiling and floor PVC Pipes conforming to ASTM-D-1785/89(sch-40/80) and pipe fittings of the following nominal bore with clamps including making good the wall, ceiling and floor testing all complete as per specification and direction of E.I.C - 15 mm dia PVC (ASTM) Pipe [Internal]	3.00	Mtr	94.50	283.50
28	Holder BK angle	5	each	14.68	73.40


Assistant Engineer
NHM, Balasore

BOG-05/04

29	Fitting and fixing of ceiling fan	4	each	2200	8800.00
30	Fan regulator in existing switch board etc all.	4	each	280.82	1123.28
31	Supply instation testing and commissioning 10watt	5	each	167.58	837.90
32	PVC insualated single core multistandard copper				0.00
33	.....do..... 2x1.5sqmm+1x1.5sqmm(1.8.1)	6	PM	120.11	720.66
34	.....do..... 2x2.5sqmm+1x1.5sqmm(1.8.2)	6	PM	134.06	804.36
35	.....do..... 2x1.4sqmm+1x1.5sqmm(1.8.3)	6	PM	151.44	908.64
36	18-25 led tube light Fitting including bulb	5	each	688	3440.00
					252999.64
				Say	253000.00

My quoted rate is (infigure) _____%(inwords) _____%
excess over/less than/equal to the above estimated cost.

Signature of Contractor

Sold for the work

on payment of Rs.

(Rupees

) only towards cost of tender

(Handwritten Signature)
29/01/17

Assistant Engineer
NHM, Balasore

(Handwritten Signature)
30/11/17
CDM & PHO, Balasore

TENDER SCHEDULE

(BILL OF QUANTITY) - 06/01

Name of work-	Renovation of Sc at Arabandh under Nilgiri Block				
Estimated Cost-	Rs- 256980.00				
E.M. to be Deposited-					
Cost Of Tender paper with VAT 4%	Rs-				
Date of sale of Tender					
Date of Receipt of Tender					
Date of opening of Tender					
Time of completion					
Class of Contractor	"D" & "C" Class				
Sl. No.	DESCRIPTION OF ITEMS	No. or Qty	UNIT	Estimated Rate Figure	AMOUNT in Rupees
1	R.C.C. work of M-20 grade with 12mm and down graded hard granite crusher broken chips of approved quality and from approved quarry including mixing, hoisting, lowering, laying and compacting concrete in layers of specific thickness conforming to technical terms & condition of M20 grade concrete including centering shuttering and finished the exposed surface smooth providing beads where necessary including watering, curing, with all cost, conveyance, royalty taxes of all materials, all labour charges, T&P articles required for the work etc. complete as per the specification and direction of the Engineer-in-charge.				
	Slab	0.40	1 Cum	9171.00	3634.00
2	Straightening, bend up or coiled rod, cutting, bending, cranking, hooking welding or jointing (if required the MS/Tor rod and binding wire, laying the grills and placing in proper position as required for R.C.C. work providing fan hooks when necessary including cost conveyance, royalty taxes of M.S. or Tor steel and binding wire of 18 to 20 gauge and cost of all labour T&P required for the work as per the specification and direction of the Engineer-in-charge.	0.40	1 Qtl.	8074.76	3199.00
3	Providing fixing granite floor tiles in floors, treads or steps and landing on 25mm thick bed of c:m (1:1) jointed with neat cement slurry mixed with pigment to match the shades of tiles including cost & conveyance of materials, royalty labour, T & P etc. complete as per direction of the Engineer-in-charge.	5.85	1 Sqm	1659.37	9712.00

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**Assistant Engineer
NHM, Balasore**

BQG-06/02

4	250mm thick Flyash.brick work in cement mortar (1:6) after immersing brick for six hours in water before use in superstructure with good quality clamp brunt of brick 25 cm x 12 cm x 8 cm size having crushing strength not less than 100kg . Per Sqm. Including splays cutting circular molding and similar such type of work with necessary projections, chamfering and corbelling watering and curing etc. complete including cost conveyance and royalty of all materials with all taxes and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.In Superstructure)	0.71	1 Cum	4461.87	3182.00
5	12mm thick cement plaster in Cement mortar (1:6) finished smooth to out side the plaster after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.	14.10	1 Sqm	139.07	1961.00
6	16mm thick cement plaster in Cement mortar (1:6) finished smooth to over brick walls after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.	24.47	1sqm	196.00	4795.00
7	Providing 6mm thick C.P. in R.C.C surface including close deep chipping & slurry treatment with cost, conveyance of materials labour, T&P required for the work including royalty etc.complete as per direction of the Engineer-in-charge.	7.31	1 Cum	150.63	1101.00
8	Fixing vetrified tiles of coloured/printed series(homogenous) in floors, treads or steps and landing on 25mm thick bed of cement mortar (1:1) (1cement:1sand) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including rubbing and polishing complet excluding cost of precast tiles per 1sqm	9.29	1 Sqm	956.28	8884.00
9	Providing for fitting & fixing M.S. grill as per approved desing in position iron fittings such as bolt, rings with all cost, conveyance royalty T&P articles complete as per specification and direction of the Engineer-in-charge.	6.78	qtl	7472.68	50665.00
10	:Fixing of ceramic floor tiles of Size 30cmx30cm / 40cmx40cm special plane / printed series of premium grade having thickness 7mm to 8mm confirming to IS 13753 laid on on 25mm thick bed of Cement mortar 1:4 (1 Cement : 4 sand) and filling joint with white Cement of approved quality in slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones.	8.36	1 Sqm	947.30	7920.00
11	Distempering two coats to the wall surface with any approved paint over a one coat of primer including cost of distemper etc. in all respect as per the specification & direction of the Engineer in charge.	470.13	1 Sqm	120.56	56681.00


Assistant Engineer
NHM, Balasore

BOQ-06/03

12	Finishing wall with water proofing weather coat of approved shade on new work over a one coat of primer to given shade to outside wall with all cost, conveyance royalty taxes of all materials and all labour T&P required for the work etc. complete as per direction of the Engineer in-charge	284.46	1 Sqm	128.31	36499.00
13	Painting two coats of synthetic enamel paint over one coat of primer on steel surface including necessary preparation of surface, cost & conveyance of materials, labour, T&P etc. complete to shape as per direction of the Engineer in-charge	55.29	1 Sqm	190.85	10552.00
14	Branding for HWC as per specification in outer plaster surface including all complete	578.53	1sft	50.00	28926.60
15	Fixing of ceramic wall tiles in dados, skirting riser of steps 20cmx30cm / 20cmx20cm special plane / printed series of premium grade having thickness 6.5mm to 6.7mm conforming to IS 13753 on 12 mm thick bed of Cement mortar 1:3 (1 Cement :3 sand) jointed with neat Cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones.	11.30	sqm	699.98	7909.00
16	Supplying all materials, labour T&P and fitting & fixing U-PVC	8.00	Mtr	206.00	1648.00
17	110 mm dia U-PVC P Trap	3	Nos	299.70	899.10
18	110 mm dia U-PVC Double Junction Door	2	Nos	350.30	700.60
19	110 mm dia U-PVC Plain Tee	2	Nos	267.00	534.00
20	110 mm dia U-PVC Door Bend	4	Nos	204.70	818.80
21	110 mm dia U-PVC Plain Bend	2	Nos	147.00	294.00
22	110 mm dia U-PVC Offset	2	Nos	180.50	361.00
23	110 mm dia U-PVC Cowl	2	Nos	77.30	154.60
24	125 mm dia C.P. grating	3	Nos	68.30	204.90
25	Supplying all materials, labour T&P and fixing standard size C.P.	4	Nos	267.40	1069.60
26	Supplying all materials, labour, T&P and laying 110 mm dia U-	3.00	Mtr	1,058.90	3176.70
27	Supplying all materials, labour, T&P and providing and fixing to	3.00	Mtr	94.50	283.50
28	Holder BK angle	5	each	14.68	73.40
29	Fitting and fixing of ceiling fan	2	each	2200	4400.00
30	Fan regulator in existing switch board etc all.	4	each	280.82	1123.28
31	Supply instalation testing and commissioning 10watt	5	each	167.58	837.90
32	PVC insualated single core multistandard copper				
33	.....do..... 2x1.5sqmm+1x1.5sqmm(1.8.1)	5	PM	120.11	600.55
34	.....do..... 2x2.5sqmm+1x1.5sqmm(1.8.2)	5	PM	134.06	670.30
35	.....do..... 2x1.4sqmm+1x1.5sqmm(1.8.3)	5	PM	151.44	757.20
36	18-25 led tube light Fitting including bulb	4	each	688	2752.00
					256980.03
			Say		256980.00

My quoted rate is (infigure) _____ % (inwords) _____ %
excess over/less than/equal to the above estimated cost.

Signature of Contractor

Sold for the work _____
on payment of Rs.

(Rupees

) only towards cost of tender


Assistant Engineer
MHM, Balasore


CDM & PHO, Balasore

TENDER SCHEDULE

(BILL OF QUANTITY) - 07/01

Name of work-	Renovation of Sc at Dhobsila under Nilgiri Block				
Estimated Cost-	Rs-253607.00				
E.M. to be Deposited-					
Cost Of Tender paper with VAT 4%	Rs-				
Date of sale of Tender					
Date of Receipt of Tender					
Date of opening of Tender					
Time of completion					
Class of Contractor	"D" & "C" Class				
Sl. No.	DESCRIPTION OF ITEMS	No. or Qty	UNIT	Estimated Rate Figure	AMOUNT in Rupees
1	R.C.C. work of M-20 grade with 12mm and down graded hard granite crusher broken chips of approved quality and from approved quarry including mixing ,hoisting, lowering, laying and compacting concrete in layers of specific thickness conforming to technical terms & condition of M20 grade concrete including centering shuttering and finished the exposed surface smooth providing beads where necessary including watering, curing, with all cost, conveyance, royalty taxes of all materials, all labour charges, T&P articles required for the work etc. complete as per the specification and direction of the Engineer-in-charge.				
	Slab	0.57	1 Cum	9081.19	5204.00
2	Straightening, bend up or coiled rod, cutting, bending, cranking, hooking welding or jointing (if required the MS/Tor rod and binding wire, laying the grills and placing in proper position as required for R.C.C. work providing fan hooks when necessary including cost conveyance, royalty taxes of M.S. or Tor steel and binding wire of 18 to 20 gauge and cost of all labour T&P required for the work as per the specification and direction of the Engineer-in-charge.	0.57	1 Qtl.	8078.25	4629.00
3	Providing fixing granite floor tiles in floors, treads or steps and landing on 25mm thick bed of c:m (1:1) jointed with neat cement slurry mixed with pigment to match the shades of tiles including cost & conveyance of materials, royalty labour, T &P etc. complete as per direction of the Engineer-in-charge.	5.85	1 Sqm	1664.17	9740.00

Assistant Engineer
NHM, Balasore

4	250mm thick Flyash.brick work in cement mortar (1:6) after immersing brick for six hours in water before use in superstructure with good quality clamp brunt of brick 25 cm x 12 cm x 8 cm size having crushing strength not less than 100kg . Per Sqm. Including splays cutting circular molding and similar such type of work with necessary projections, chamfering and corbelling watering and curing etc. complete including cost conveyance and royalty of all materials with all taxes and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.In Superstructure)	0.71	1 Cum	4620.94	3295.00
5	12mm thick cement plaster in Cement mortar (1:6) finished smooth to out side the plaster after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.	14.10	1 Sqm	142.65	2011.00
6	16mm thick cement plaster in Cement mortar (1:6) finished smooth to over brick walls after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.	24.47	1sqm	200.30	4901.00
7	Providing 6mm thick C.P. in R.C.C surface including close deep chipping & slurry treatment with cost, conveyance of materials labour, T&P required for the work including royalty etc.complete as per direction of the Engineer-in-charge	14.41	1 Cum	152.48	2197.00
8	Fixing vetrified tiles of coloured/printed series(homogenous) in floors, treads or steps and landing on 25mm thick bed of cement mortar (1:1) (1cement:1sand) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including rubbing and polishing complet excluding cost of precast tiles per 1sqm.	9.29	1 Sqm	962.41	8941.00
9	Providing for fitting & fixing M.S. grill as per approved desing in position iron fittings such as bolt, rings with all cost, conveyance royalty T&P articles complete as per specification and direction of the Engineer-in-charge.	5.94	qtl	7472.68	44388.00
10	:Fixing of ceramic floor tiles of Size 30cmx30cm / 40cmx40cm special plane / printed series of premium grade having thickness 7mm to 8mm confirming to IS 13753 laid on on 25mm thick bed of Cement mortar 1:4 (1 Cement : 4 sand) and filling joint with white Cement of approved quality in slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones.	9.29	1 Sqm	953.42	8857.00
11	Distemping two coats to the wall surface with any approved paint over a one coat of primer including cost of distemper etc. in all respect as per the specification & direction of the Engineer in charge.	470.13	1 Sqm	120.56	56681.00


 Assistant Engineer
 NHM, Balasore

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12	Finishing wall with water proofing weather coat of approved shade on new work over a one coat of primer to given shade to outside wall with all cost, conveyance royalty taxes of all materials and all labour T&P required for the work etc. complete as per direction of the <u>Engineer-in-charge</u>	284.46	1 Sqm	128.31	36499.00
13	Painting two coats of synthetic enamel paint over one coat of primer on steel surface including necessary preparation of surface, cost & conveyance of materials, labour, T&P etc. complete to shape as per direction of the <u>Engineer-in-charge</u>	55.29	1 Sqm	190.85	10552.00
14	Branding for HWC as per specification in outer plaster surface including all complete	562.53	1sft	50.00	28126.60
15	:Fixing of ceramic wall tiles in dados, skirting riser of steps 20cmx30cm / 20cmx20cm special plane / printed series of premium grade having thickness 6.5mm to 6.7mm conforming to IS 13753 on 12 mm thick bed of Cement mortar 1:3 (1 Cement :3 sand) jointed with neat Cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones.	11.30	sqm	704.79	7963.00
16	Supplying all materials, labour T&P and fitting & fixing U-PVC	6.00	Mtr	206.00	1236.00
17	110 mm dia U-PVC P' Trap	1	Nos	299.70	299.70
18	110 mm dia U-PVC Double Junction Door	1	Nos	350.30	350.30
19	110 mm dia U-PVC Plain Tee	1	Nos	267.00	267.00
20	110 mm dia U-PVC Door Bend	2	Nos	204.70	409.40
21	110 mm dia U-PVC Plain Bend	1	Nos	147.00	147.00
22	110 mm dia U-PVC Offset	1	Nos	180.50	180.50
23	110 mm dia U-PVC Cowl	1	Nos	77.30	77.30
24	125 mm dia C.P.grating	1	Nos	68.30	68.30
25	Supplying all materials, labour T&P and fixing standard size C.P. soap holder complete with c.p brass brackets fixed to wooden plugs with cp screws as per PH specification and direction of E.I.C C.P.Soap Holder.	1	Nos	267.40	267.40
26	Supplying all materials, labour T&P and cutting holes through brick/stone masonry walls for taking PVC pipes and fittings including making good the damages etc. all complete as per P.H. specification and direction of E.I.C. - 250 mm thick wall	1	Nos	176.60	176.60
27	Supplying all materials, labour, T&P and laying 110 mm dia U-PVC Pipe and aligning to requisite gradient inside the trench encasing all round of the pipe with c.c (1:3:6) using 4 CM size h.g. metal and CC(1:3:6) with 4CM size h.g. metal in the bed of the trench including lowering the pipes to the bed of the trench, earth excavation in trenches in all kinds of soil, refilling the same in layer of 0.3 mtrs with watering and ramming, removing of surplus earth, testing of sewerage line including use of T&P as per PH Specification and direction of E.I.C. 110 mm dia U-PVC Pipe Sewerage line with all round encasing (IS-4985/2000- 4 Kg/Cm ²)	3.00	Mtr	1,058.90	3176.70
28	Supplying all materials, labour, T&P and providing and fixing to wall or ceiling and floor PVC Pipes conforming to ASTM-D-1785/89(sch-40/80) and pipe fittings of the following nominal bore with clamps including making good the wall, ceiling and floor testing all complete as per specification and direction of E.I.C - 15 mm dia PVC (ASTM) Pipe [Internal]	7.00	Mtr	94.50	661.50
29	Holder BK angle	4	each	14.68	58.72
30	Fitting and fixing of ceiling fan	3	each	2200	6600.00
31	Fan regulator in existing switch board etc all.	5	each	280.82	1404.10


Assistant Engineer
 NHM, Balasore

TENDER SCHEDULE

(BILL OF QUANTITY) - 08/07

Name of work-		Renovation of Sc at Saldahar under Nilgiri			
Estimated Cost-		Rs.246148.00			
E.M. to be Deposited-					
Cost Of Tender paper with VAT 4%		Rs-			
Date of sale of Tender					
Date of Receipt of Tender					
Date of opening of Tender					
Time of completion					
Class of Contractor		"D" & "C" Class			
Sl. No.	DESCRIPTION OF ITEMS	No. or Qty	UNIT	Estimated Rate Figure	AMOUNT in Rupees
1	R.C.C. work of M-20 grade with 12mm and down graded hard granite crusher broken chips of approved quality and from approved quarry including mixing, hoisting, lowering, laying and compacting concrete in layers of specific thickness conforming to technical terms & condition of M20 grade concrete including centering shuttering and finished the exposed surface smooth providing beads where necessary including watering, curing, with all cost, conveyance, royalty taxes of all materials, all labour charges, T&P articles required for the work etc. complete as per the specification and direction of the Engineer-in-charge.				
	Slab	0.40	1 Cum	9080.50	3598.00
2	Straightening, bend up or coiled rod, cutting, bending, cranking, hooking welding or jointing (if required the MS/Tor rod and binding wire, laying the grills and placing in proper position as required for R.C.C. work providing fan hooks when necessary including cost conveyance, royalty taxes of M.S. or Tor steel and binding wire of 18 to 20 gauge and cost of all labour T&P required for the work as per the specification and direction of the Engineer-in-charge.	0.40	1 Qtl.	8078.25	3201.00
3	Providing fixing granite floor tiles in floors, treads or steps and landing on 25mm thick bed of c:m (1:1) jointed with neat cement slurry mixed with pigment to match the shades of tiles including cost & conveyance of materials, royalty labour, T & P etc. complete as per direction of the Engineer-in-charge.	1.78	1 Sqm	1661.98	2963.00
4	250mm thick Flyash brick work in cement mortar (1:6) after immersing brick for six hours in water before use in superstructure with good quality clamp burnt of brick 25 cm x 12 cm x 8 cm size having crushing strength not less than 100kg . Per Sqm. Including splays cutting circular molding and similar such type of work with necessary projections, chamfering and corbelling watering and curing etc. complete including cost conveyance and royalty of all materials with all taxes and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge. In Superstructure)	0.71	1 Cum	4566.65	3257.00



 Assistant Engineer
 NMM, Saldahar

5	12mm thick cement plaster in Cement mortar (1:6) finished smooth to out side the plaster after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.	22.09	1 Sqm	140.12	3095.00
6	16mm thick cement plaster in Cement mortar (1:6) finished smooth to over brick walls after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.	24.47	1sqm	197.26	4826.00
7	Providing 6mm thick C.P. in R.C.C surface including close deep chipping & slurry treatment with cost, conveyance of materials labour, T&P required for the work including royalty etc. complete as per direction of the Engineer-in-charge.	7.31	1 Cum	151.22	1105.00
8	Fixing vetrified tiles of coloured/printed series(homogenous) in floors, treads or steps and landing on 25mm thick bed of cement mortar (1:1) (1cement:1sand) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including rubbing and polishing complet excluding cost of precast	9.29	1 Sqm	958.86	8908.00
9	Providing for fitting & fixing M.S. grill as per approved desing in position iron fittings such as bolt, rings with all cost, conveyance royalty T&P articles complete as per specification and direction of the Engineer-in-charge.	5.94	qtl	7472.68	44388.00
10	:Fixing of ceramic floor tiles of Size 30cmx30cm / 40cmx40cm special plane / printed series of premium grade having thickness 7mm to 8mm confirming to IS 13753 laid on on 25mm thick bed of Cement mortar 1:4 (1 Cement : 4 sand) and filling joint with white Cement of approved quality in slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones	8.36	1 Sqm	949.88	7942.00
11	Distemping two coats to the wall surface with any approved paint over a one coat of primer including cost of distemper etc. in all respect as per the specification & direction of the Engineer in charge.	470.13	1 Sqm	120.56	56681.00
12	Finishing wall with water proofing weather coat of approved shade on new work over a one coat of primer to given shade to outside wall with all cost, conveyance royalty taxes of all materials and all labour T&P required for the work etc. complete as per direction of the Engineer.in.charge	284.46	1 Sqm	128.31	36499.00
13	Painting two coats of synthetic enamel paint over one coat of primer on steel surface including necessary preparation of surface, cost & conveyance of materials, labour, T&P etc. complete to shape as per direction of the Engineer-in-charge.	55.29	1 Sqm	190.85	10552.00
14	Branding for HWC as per specification in outer plaster surface including all complete	578.53	1sft	50.00	28926.60


Assistant Engineer
 A, Balasore

BOA-08/03

15	:Fixing of ceramic wall tiles in dados, skirting riser of steps 20cmx30cm / 20cmx20cm special plane / printed series of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753 on 12 mm thick bed of Cement mortar 1:3 (1 Cement :3 sand) jointed with neat Cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones.	11.30	sqm	702.26	7935.00
16	Supplying all materials, labour T&P and fitting & fixing U-PVC ventilating pipes and fittings of the following O.D conforming to ISI No. 4985/2000 to walls with nails, bobbins and wooden plugs or laying in trenches including jointing with supply of approved rubber lubricant by non-heat application method as per manufacturer's specification, testing, e.w. in excavation in all kinds of soil and refilling of trenches as per direction of E.I.C. a) 110 mm dia U-PVC Pipes (4 Kg/Cm ²)	10.00	Mtr	206.00	2060.00
17	110 mm dia U-PVC P' Trap	1	Nos	299.70	299.70
18	110 mm dia U-PVC Double Junction Door	1	Nos	350.30	350.30
19	110 mm dia U-PVC Plain Tee	1	Nos	267.00	267.00
20	110 mm dia U-PVC Door Bend	2	Nos	204.70	409.40
21	110 mm dia U-PVC Plain Bend	1	Nos	147.00	147.00
22	110 mm dia U-PVC Offset	1	Nos	180.50	180.50
23	110 mm dia U-PVC Cowt	1	Nos	77.30	77.30
24	125 mm dia C.P.grating	1	Nos	68.30	68.30
25	Supplying all materials, labour T&P and fixing standard size C.P. soap holder complete with c.p brass brackets fixed to wooden plugs with cp screws as per PH specification and direction of E.I.C C.P.Soap Holder.	1	Nos	267.40	267.40
26	Supplying all materials, labour T&P and cutting holes through brick/stone masonry walls for taking PVC pipes and fittings including making good the damages etc. all complete as per P.H. specification and direction of E.I.C. -- 250 mm thick wall	1	Nos	176.60	176.60
27	Supplying all materials, labour, T&P and laying 110 mm dia U-PVC Pipe and aligning to requisite gradient inside the trench encasing all round of the pipe with c.c (1:3:6) using 4 CM size h.g. metal and CC(1:3:6) with 4CM size h.g. metal in the bed of the trench including lowering the pipes to the bed of the trench, earth excavation in trenches in all kinds of soil, refilling the same in layer of 0.3 mtrs with watering and ramming, removing of surplus earth, testing of sewerage line including use of T&P as per PH Specification and direction of E.I.C. 110 mm dia U-PVC Pipe Sewerage line with all round encasing (IS-4985/2000- 4 Kg/Cm ²)	3.00	Mtr	1,058.90	3176.70
28	Supplying all materials, labour, T&P and providing and fixing to wall or ceiling and floor PVC Pipes conforming to ASTM-D-1785/89(sch-40/80) and pipe fittings of the following nominal bore with clamps including making good the wall, ceiling and floor testing all complete as per specification and direction of E.I.C - 15 mm dia PVC (ASTM) Pipe [Internal]	7.00	Mtr	94.50	661.50
29	Holder BK angle	6	each	14.68	88.08
30	Fitting and fixing of ceiling fan	3	each	2200	6600.00
31	Fan regulator in existing switch board etc all.	5	each	280.82	1404.10
32	Supply instation testing and commissioning 10watt led bulb etc all.	5	each	167.58	837.90
33	PVC insualated single core multistandard copper conductor of ISI mark (ISI mark to Hevels, V guard L&T Finolox)				0.00
34	.....do..... 2x1.5sqmm+1x1.5sqmm(1.8.1)	5	PM	120.11	600.55
35	.....do..... 2x2.5sqmm+1x1.5sqmm(1.8.2)	7	PM	134.06	938.42


 Assistant Engineer
 NHM, Balasore

BOB-08/04

36	.....do..... 2x1.4sqmm+1x1.5sqmm(1.8.3)	6	PM	151.44	908.64
37	18-25 led tube light Fitting including bulb	4	each	688	2752.00
					246147.99
				Say	246148.00

My quoted rate is (infigure) _____%(inwords) _____%
excess over/less than/equal to the above estimated cost.

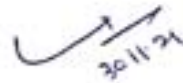
Signature of Contractor

Sold for the work

on payment of Rs. _____ (Rupees _____) only towards cost of tender
paper vide Money Receipt No.....



Assistant Engineer
NHM, Balasore


30/11/21

CDM & PHO, Balasore

TENDER SCHEDULE

(BILL OF QUANTITY) - 09/01

Name of work-	Renovation of SC at Dumagandria under Nilgiri Block				
Estimated Cost-	Rs- 249298.00				
E.M. to be Deposited-					
Cost Of Tender paper with VAT 4%	Rs-				
Date of sale of Tender					
Date of Receipt of Tender					
Date of opening of Tender					
Time of completion					
Class of Contractor	"D" & "C" Class				
Sl. No.	DESCRIPTION OF ITEMS	No. or Qty	UNIT	Estimated Rate Figure	AMOUNT in Rupees
1	R.C.C. work of M-20 grade with 12mm and down graded hard granite crusher broken chips of approved quality and from approved quarry including mixing ,hoisting, lowering, laying and compacting concrete in layers of specific thickness conforming to technical terms & condition of M20 grade concrete including centering shuttering and finished the exposed surface smooth providing beads where necessary including watering, curing, with all cost, conveyance, royalty taxes of all materials, all labour charges, T&P articles required for the work etc. complete as per the specification and direction of the Engineer-in-charge.				
	Slab	0.34	1 Cum	9138.18	3103.00
2	Straightening, bend up or colled rod, cutting, bending, cranking, hooking welding or jointing (if required the MS/Tor rod and binding wire, laying the grills and placing in proper position as required for R.C.C. work providing fan hooks when necessary including cost conveyance, royalty taxes of M.S. or Tor steel and binding wire of 18 to 20 gauge and cost of all labour T&P required for the work as per the specification and direction of the Engineer-in-charge.	0.34	1 Qtl.	8074.76	2742.00
3	Providing fixing granite floor tiles in floors, treads or steps and landing on 25mm thick bed of c:m (1:1) jointed with neat cement slurry mixed with pigment to match the shades of tiles including cost & conveyance of materials, royalty labour, T &P etc. complete as per direction of the Engineer-in-charge.	5.85	1 Sqm	1660.87	9721.00

Behu
30/11/20
Assistant Engineer
KRM, Balasore

BOA-09/02

4	250mm thick Flyash.brick work in cement mortar (1:6) after immersing brick for six hours in water before use in superstructure with good quality clamp brunt of brick 25 cm x 12 cm x 8 cm size having crushing strength not less than 100kg . Per Sqm. Including splays cutting circular molding and similar such type of work with necessary projections, chamfering and corbelling watering and curing etc. complete including cost conveyance and royalty of all materials with all taxes and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.In Superstructure)	0.36	1 Cum	4620.28	1647.00
5	12mm thick cement plaster in Cement mortar (1:6) finished smooth to out side the plaster after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.	28.20	1 Sqm	140.80	3971.00
6	16mm thick cement plaster in Cement mortar (1:6) finished smooth to over brick walls after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.	24.47	1sqm	198.08	4846.00
7	Providing 6mm thick C.P. in R.C.C surface including close deep chipping & slurry treatment with cost, conveyance of materials labour, T&P required for the work including royalty etc.complete as per direction of the Engineer-in-charge	7.31	1 Cum	151.49	1107.00
8	Fixing vetrified tiles of coloured/printed series(homogenous) in floors, treads or steps and landing on 25mm thick bed of cement mortar (1:1) (1cement:1sand) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including rubbing and polishing complet excluding cost of precast tiles per 1sqm	9.29	1 Sqm	958.71	8906.00
9	Providing for fitting & fixing M.S. grill as per approved desing in position iron fittings such as bolt, rings with all cost, conveyance royalty T&P articles complete as per specification and direction of the Engineer-in-charge.	5.49	qtl	7472.68	41025.00
10	:Fixing of ceramic floor tiles of Size 30cmx30cm / 40cmx40cm special plane / printed series of premium grade having thickness 7mm to 8mm confirming to IS 13753 laid on on 25mm thick bed of Cement mortar 1:4 (1 Cement : 4 sand) and filling joint with white Cement of approved quality in slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones.	8.36	1 Sqm	949.73	7941.00
11	Distempering two coats to the wall surface with any approved paint over a one coat of primer including cost of distemper etc. in all respect as per the specification & direction of the Engineer in charge.	470.13	1 Sqm	120.56	56681.00


Assistant Engineer
NHM, Balasore

BOG-09/03

12	Finishing wall with water proofing weather coat of approved shade on new work over a one coat of primer to given shade to outside wall with all cost, conveyance royalty taxes of all materials and all labour T&P required for the work etc. complete as per direction of the Engineer-in-charge	284.46	1 Sqm	128.31	36499.00
13	Painting two coats of synthetic enamel paint over one coat of primer on steel surface including necessary preparation of surface, cost & conveyance of materials, labour, T&P etc. complete to shape as per direction of the Engineer-in-charge	55.29	1 Sqm	190.85	10552.00
14	Branding for HWC as per specification in outer plaster surface including all complete	578.53	1sft	50.00	28926.60
15	:Fixing of ceramic wall tiles in dados, skirting riser of steps 20cmx30cm / 20cmx20cm special plane / printed series of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753 on 12 mm thick bed of Cement mortar 1:3 (1 Cement :3 sand) jointed with neat Cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones.	11.30	sqm	701.71	7929.00
16	Supplying all materials, labour T&P and fitting & fixing U-PVC	10.00	Mtr	206.00	2060.00
17	110 mm dia U-PVC P' Trap	2	Nos	299.70	599.40
18	110 mm dia U-PVC Double Junction Door	2	Nos	350.30	700.60
19	110 mm dia U-PVC Plain Tee	2	Nos	267.00	534.00
20	110 mm dia U-PVC Door Bend	2	Nos	204.70	409.40
21	110 mm dia U-PVC Plain Bend	1	Nos	147.00	147.00
22	110 mm dia U-PVC Offset	1	Nos	180.50	180.50
23	110 mm dia U-PVC Cowt	2	Nos	77.30	154.60
24	125 mm dia C.P.grating	2	Nos	68.30	136.60
25	Supplying all materials, labour T&P and fixing standard size C.P.	3	Nos	267.40	802.20
26	Supplying all materials, labour T&P and cutting holes through	1	Nos	176.60	176.60
27	Supplying all materials, labour, T&P and laying 110 mm dia U-	3.00	Mtr	1,058.90	3176.70
28	Supplying all materials, labour, T&P and providing and fixing to	7.00	Mtr	94.50	661.50
29	Holder BK angle	6	each	14.68	88.08
30	Fitting and fixing of ceiling fan	3	each	2200	6600.00
31	Fan regulator in existing switch board etc all.	5	each	280.82	1404.10
32	Supply instation testing and commissioning 10watt	4	each	167.58	670.32
33	PVC insualated single core multistandard copper				0.00
34	.....do..... 2x1.5sqmm+1x1.5sqmm(1.8.1)	5	PM	120.11	600.55
35	.....do..... 2x2.5sqmm+1x1.5sqmm(1.8.2)	7	PM	134.06	938.42
36	.....do..... 2x1.4sqmm+1x1.5sqmm(1.8.3)	6	PM	151.44	908.64
37	18-25 led tube light Fitting including bulb	4	each	688	2752.00
					249297.81
			Say		249298.00

H. Chandra
30/11/21
Assistant Engineer
NHM, Basasore

✓
30/11/21

TENDER SCHEDULE

(BILL OF QUANTITY) - 10/01

	Name of work-	Renovation of Sc at Siadimal under Nilgiri Block			
	Estimated Cost-	Rs- 248495.00			
	E.M. to be Deposited-				
	Cost Of Tender paper with VAT 4%	Rs-			
	Date of sale of Tender				
	Date of Receipt of Tender				
	Date of opening of Tender				
	Time of completion				
	Class of Contractor	"D" & "C" Class			
Sl. No.	DESCRIPTION OF ITEMS	No. or Qty	UNIT	Estimated Rate Figure	AMOUNT in Rupees
1	R.C.C. work of M-20 grade with 12mm and down graded hard granite crusher broken chips of approved quality and from approved quarry including mixing, hoisting, lowering, laying and compacting concrete in layers of specific thickness conforming to technical terms & condition of M20 grade concrete including centering shuttering and finished the exposed surface smooth providing beads where necessary including watering, curing, with all cost, conveyance, royalty taxes of all materials, all labour charges, T&P articles required for the work etc. complete as per the specification and direction of the Engineer-in-charge.				
	Slab	0.40	1 Cum	8965.66	3552.00
2	Straightening, bend up or coiled rod, cutting, bending, cranking, hooking welding or jointing (if required the MS/Tor rod and binding wire, laying the grills and placing in proper position as required for R.C.C. work providing fan hooks when necessary including cost conveyance, royalty taxes of M.S. or Tor steel and binding wire of 18 to 20 gauge and cost of all labour T&P required for the work as per the specification and direction of the Engineer-in-charge.	0.40	1 Qtl.	8074.76	3199.00
3	Providing fixing granite floor tiles in floors, treads or steps and landing on 25mm thick bed of c:m (1:1) jointed with neat cement slurry mixed with pigment to match the shades of tiles including cost & conveyance of materials, royalty labour, T & P etc. complete as per direction of the Engineer-in-charge.	1.78	1 Sqm	1661.68	2963.00


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4	250mm thick Flyash.brick work in cement mortar (1:6) after immersing brick for six hours in water before use in superstructure with good quality clamp brunt of brick 25 cm x 12 cm x 8 cm size having crushing strength not less than 100kg . Per Sqm. Including splays cutting circular molding and similar such type of work with necessary projections, chamfering and corbelling watering and curing etc. complete including cost conveyance and royalty of all materials with all taxes and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.In Superstructure)	0.71	1 Cum	4637.70	3307.00
5	12mm thick cement plaster in Cement mortar (1:6) finished smooth to out side the plaster after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.	22.41	1 Sqm	141.74	3176.00
6	16mm thick cement plaster in Cement mortar (1:6) finished smooth to over brick walls after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.	32.35	1sqm	199.20	6444.00
7	Providing 6mm thick C.P. in R.C.C surface including close deep chipping & slurry treatment with cost, conveyance of materials labour, T&P required for the work including royalty etc.complete as per direction of the Engineer-in-charge	7.31	1 Cum	151.96	1111.00
8	Fixing vetrified tiles of coloured/printed series(homogenous) in floors, treads or steps and landing on 25mm thick bed of cement mortar (1:1) (1cement:1sand) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including rubbing and polishing complet excluding cost of precast tiles per 1sqm.	9.29	1 Sqm	960.02	8919.00
9	Providing for fitting & fixing M.S. grill as per approved desing in position iron fittings such as bolt, rings with all cost, conveyance royalty T&P articles complete as per specification and direction of the Engineer-in-charge.	5.94	qtl	7472.68	44388.00
10	:Fixing of ceramic floor tiles of Size 30cmx30cm / 40cmx40cm special plane / printed series of premium grade having thickness 7mm to 8mm confirming to IS 13753 laid on on 25mm thick bed of Cement mortar 1:4 (1 Cement : 4 sand) and filling joint with white Cement of approved quality in slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones.	9.29	1 Sqm	951.03	8835.00
11	Distemping two coats to the wall surface with any approved paint over a one coat of primer including cost of distemper etc. in all respect as per the specification & direction of the Engineer in charge.	470.13	1 Sqm	120.56	56681.00


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12	Finishing wall with water proofing weather coat of approved shade on new work over a one coat of primer to given shade to outside wall with all cost, conveyance royalty taxes of all materials and all labour T&P required for the work etc. complete as per direction of the Engineer-in-charge	284.46	1 Sqm	128.31	36499.00
13	Painting two coats of synthetic enamel paint over one coat of primer on steel surface including necessary preparation of surface, cost & conveyance of materials, labour, T&P etc. complete to shape as per direction of the Engineer-in-charge	55.29	1 Sqm	190.85	10552.00
14	Branding for HWC as per specification in outer plaster surface including all complete	578.53	1sft	50.00	28926.60
15	:Fixing of ceramic wall tiles in dados, skirting riser of steps 20cmx30cm / 20cmx20cm special plane / printed series of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753 on 12 mm thick bed of Cement mortar 1:3 (1 Cement :3 sand) jointed with neat Cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones.	11.30	sqm	702.65	7939.00
16	Supplying all materials, labour T&P and fitting & fixing U-PVC	10.00	Mtr	206.00	2060.00
17	110 mm dia U-PVC P Trap	1	Nos	299.70	299.70
18	110 mm dia U-PVC Double Junction Door	1	Nos	350.30	350.30
19	110 mm dia U-PVC Plain Tee	1	Nos	267.00	267.00
20	110 mm dia U-PVC Door Bend	2	Nos	204.70	409.40
21	110 mm dia U-PVC Plain Bend	1	Nos	147.00	147.00
22	110 mm dia U-PVC Offset	1	Nos	180.50	180.50
23	110 mm dia U-PVC Cowl	1	Nos	77.30	77.30
24	125 mm dia C.P grating	1	Nos	68.30	68.30
25	Supplying all materials, labour T&P and fixing standard size C.P.	1	Nos	267.40	267.40
26	Supplying all materials, labour T&P and cutting holes through	1	Nos	176.60	176.60
27	Supplying all materials, labour, T&P and laying 110 mm dia U-	3.00	Mtr	1,058.90	3176.70
28	Supplying all materials, labour, T&P and providing and fixing to Holder BK angle	7.00	Mtr	94.50	661.50
29	Fitting and fixing of ceiling fan	6	each	14.68	88.08
30	Fan regulator in existing switch board etc all.	3	each	2200	6600.00
31	Supply instation testing and commissioning 10watt	5	each	280.82	1404.10
32	PVC insualated single core multistandard copper	5	each	167.58	837.90
33	.....do..... 2x1.5sqmm+1x1.5sqmm(1.8.1)	5	PM	120.11	600.55
34	.....do..... 2x2.5sqmm+1x1.5sqmm(1.8.2)	5	PM	134.06	670.30
35	.....do..... 2x1.4sqmm+1x1.5sqmm(1.8.3)	6	PM	151.44	908.64
36	18-25 led tube light Fitting including bulb	4	each	688	2752.00
					248494.87
				Say	248495.00

My quoted rate is (infigure) _____%(inwords) _____%
excess over/less than/equal to the above estimated cost.


Signature of Contractor

Sold for the work

on payment of Rs.

(Rupees

) only towards cost of tender


20/11/22
Assistant Engineer
NHM, Balasore


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