

TENDER SCHEDULE
(BILL OF QUANTITY) - 21/01

	Name of work-	Renovation of Sc at Aruhabad under Bahanaga Block			
	Estimated Cost-	Rs. 2,57,279.00			
	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				
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	0.18	1 Cum	9207.35	1694.00
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.	0.04	1 Qtl.	8107.92	324.00
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.	2.72	1 Sqm	1680.74	4567.00

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**Assistant Engineer
NHM, Balasore**

BOQ-21/02

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)	0.42	1 Cum	4585.54	1908.00
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.	23.51	1 Sqm	145.13	3412.00
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.	25.95	1sqm	203.28	5276.00
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.	18.95	1 Cum	154.27	2923.00
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	13.38	1 Sqm	975.27	13047.00
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.	3.34	qtl	7472.68	24959.00
10	:Fixing of ceramic wall tiles in dados, skirting riser of stepps 20cmx30cm / 20cmx20cm special plane / printed series of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753 on12 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.	22.27	1 Sqm	717.70	15985.00


 Assistant Engineer
 NHM, Balasore

11	:Fixing of ceramic floor tiles of Size 30cmx30cm / 40cmx40cm special plane / printed series of premium grade having thickness 7mm to 8mm conforming 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.	19.51	1 Sqm	966.29	18851.00
12	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.	274.49	1 Sqm	120.56	33093.00
13	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.	378.86	1 Sqm	128.31	48611.00
14	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
15	Branding for HWC as per specification in outer plaster surface including all complete	458.53	1sft	50.00	22926.60
16	:2.5 cm thick grading concrete (1:2:2) on Roof slab with 6 mm size hard broken granite chips on new works	87.79	sqm	293.92	25803.00
17	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
18	110 mm dia U-PVC P' Trap	3	Nos	299.70	899.10
19	110 mm dia U-PVC Double Junction Door	2	Nos	350.30	700.60
20	110 mm dia U-PVC Plain Tee	2	Nos	267.00	534.00
21	110 mm dia U-PVC Door Bend	4	Nos	204.70	818.80
22	110 mm dia U-PVC Plain Bend	2	Nos	147.00	294.00
23	110 mm dia U-PVC Offset	2	Nos	180.50	361.00
24	110 mm dia U-PVC Cowl	2	Nos	77.30	154.60
25	125 mm dia C.P. grating	4	Nos	68.30	273.20
26	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
27	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


 Assistant Engineer
 NHM, Balasore

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28	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
29	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]	4.00	Mtr	94.50	378.00
30	Holder BK angle	4	each	14.68	58.72
31	Fitting and fixing of ceiling fan	3	each	2200	6600.00
32	Fan regulator in existing switch board etc all.	5	each	280.82	1404.10
33	Supply instation testing and commissioning 10watt led bulb etc all.	4	each	167.58	670.32
34	PVC insualated single core multistandard copper conductor of ISI mark (ISI mark to Hevells, V guard L&T Finolex)				0.00
35	.....do..... 2x1.5sqmm+1x1.5sqmm(1.8.1)	5	PM	120.11	600.55
36	.....do..... 2x2.5sqmm+1x1.5sqmm(1.8.2)	7	PM	134.06	938.42
37	18-25 led tube light Fitting including bulb	3	each	688	2064.00
					257278.61
				Say	257279.00

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
NHM, Balasore


CDM & PHO, Balasore

TENDER SCHEDULE

(BILL OF QUANTITY) - 22/01

	Name of work-	Renovation of Sc at Maharudrapur under Bahanaga Block			
	Estimated Cost-	Rs.258908.00			
	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				
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	0.18	1 Cum	9163.36	1686.00
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.	0.04	1 Qtl.	8107.92	324.00
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.	2.72	1 Sqm	1680.62	4567.00


Assistant Engineer
NHM, Balasore

BOQ-22/02

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)	0.42	1 Cum	4583.05	1907.00
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.	23.51	1 Sqm	145.00	3409.00
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.	25.95	1sqm	203.12	5271.00
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.	18.95	1 Cum	154.20	2922.00
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.	13.38	1 Sqm	975.08	13044.00
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.	3.34	qtl	7472.68	24959.00
10	: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 on12 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.	22.27	1 Sqm	717.57	15982.00

Bales
22/11/20
 Assistant Engineer
 NHM, Balasore

11	: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 slurry mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones.	19.51	1 Sqm	966.10	18848.00
12	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.	274.49	1 Sqm	120.56	33093.00
13	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.	378.86	1 Sqm	128.31	48611.00
14	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
15	Branding for HWC as per specification in outer plaster surface including all complete	458.53	1sft	50.00	22926.60
16	:2.5 cm thick grading concrete (1:2:2) on Roof slab with 6 mm size hard broken granite chips on new works	87.79	sqm	293.02	25724.00
17	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 brackets in trenches including joints with number of cement	8.00	Mtr	206.00	1648.00
18	110 mm dia U-PVC P' Trap	3	Nos	299.70	899.10
19	110 mm dia U-PVC Double Junction Door	2	Nos	350.30	700.60
20	110 mm dia U-PVC Plain Tee	2	Nos	267.00	534.00
21	110 mm dia U-PVC Door Bend	4	Nos	204.70	818.80
22	110 mm dia U-PVC Plain Bend	2	Nos	147.00	294.00
23	110 mm dia U-PVC Offset	2	Nos	180.50	361.00
24	110 mm dia U-PVC Cowl	2	Nos	77.30	154.60
25	125 mm dia C.P. grating	2	Nos	68.30	136.60
26	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
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)	5.00	Mtr	1,058.90	5294.50
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]	3.00	Mtr	94.50	283.50

BOG-22/04

29	Holder BK angle	6	each	14.68	88.08
30	Fitting and fixing of ceiling fan	2	each	2200	4400.00
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.	10	each	167.58	1675.80
33	PVC insualated single core multistandard copper conductor of ISI mark (ISI mark to Hevells,V guard L&T Finolex)				0.00
34	.....do..... 2x1.5sqmm+1x1.5sqmm(1.8.1)	6	PM	120.11	720.66
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
					258907.60
				Say	258908.00

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]
22/11/17

[Handwritten Signature]
30/11/17
CDM & PHO, Balasore

Assistant Engineer
NHM, Balasore

BOQ-23/01

TCN - 1 / 2019-20

TENDER SCHEDULE

Name of the work		Up-Gradation of HWC SC at Krusnadaspur under Soro block			
Estimated cost		260466.00			
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					
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.	1.19	Cum	184.62	220.00
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.	0.75	Cum	707.32	528.00
3	Providing P.C.C. (1:4:8) 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.	0.79	Cum	4120.86	3246.00
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.				
5	slab	0.14	Cum	9006.06	1274.00
6	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.	0.14	Qntl	8102.54	1147.00
7	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.				

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 Assistant Engineer
 NHM, Balasore

BOQ-23/02

8	Foundation	5.05	Cum	4401.83	22216.00
9	Superstructure	0.24	Cum	4435.16	1054.00
10	12mm thick C.P. in C.M.(1:6) over brick work finished smooth after racking out joints with cost, conveyance of materials labour, T&P required for the work including royalty etc.complete as per direction of the Engineer-in-charge.	14.09	Sqm	140.05	1974.00
11	16mm thick C.P. in C.M.(1:6) over brick work finished smooth after racking out joints with cost, conveyance of materials labour, T&P required for the work including royalty etc.complete as per direction of the Engineer-in-charge.	9.82	Sqm	198.73	1951.10
12	6mm thick cement plaster with c:m (1:4) to ceiling of RCC surface including cost of all materials etc complete.	2.93	Sqm	153.74	450.00
13	Dismantling grading plaster including cost of all labour etc complete	74.32	Sqm	86.60	6436.00
14	4cm thick grading concrete on roof slab including cost of all labour etc complete as per direction of Engg-in-charge.	74.32	Sqm	574.90	42727.00
15	Providing & fixing vitrified tiles of premium grade having thickness 8mm to 10mm (600mmx600mm) size coloured / printed series (Homogeneous) confirming to IS 13756 in floors treads or steps and landing on 25mm thick bed of concrete mortar (1:1) jointed with neat cement slurry mixed with pigment to match all shades of the tiles including cost of all materials labour, T&P etc.complete as per direction of the Engineer-in-charge.	6.50	Sqm	957.65	6228.00
16	Supplying fitting and fixing of glazed wall tile including cost of all labour etc complete as per direction of Engg-in-charge.	2.73	Sqm	708.14	1932.00
17	Supplying fitting fixing M.S door and windows of approved design etc. complete.	201.00	Kg	123.40	24803.00
18	:Fixing of black granite tiles(above .1 upto .4mm) in floors treads or steps and landing on 25mm thick bed of Cement mortar 1:1 (1 Cement : 1 sand) jointed with neat Cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete excluding cost of tiles or stones.	4.18	Sqm	1667.55	6974.00
19	Distempering two coats with approved shed over new all surface including cost of distemper etc.complete as per direction of the Engineer-in-charge.	398.34	Sqm	121.96	48582.00
20	Painting two coats over a coat of priming on wood & iron work etc. complete.	55.29	Sqm	133.02	7354.00


 Assistant Engineer
 NHM, Balasore

BOQ-23/03

21	Providing two coats of 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.	284.46	Sqm	128.31	36499.00
22	Making design of templates ,local crafts, design templates and illusrtaion etc complete including all labour and material etc complete.	417.40	Sqm	50.00	20870.00
23	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)	8.00	Mtr	1,058.90	8471.20
24	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
25	Reccsed wiring to light point and exhaust fan point with 1.5sqm FR PVC insualated 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)	6	Point	287.85	1727.10
27	.....do..... Group B (1.2.1-1.24.2)	5	Point	498.73	2493.65
28	Ressed wiring with fan point Group-B	3	Point	498.73	1496.19
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	2	each	83.14	166.28
31	S/F of metal box pf 180mmx100mmx60mm deep(Nominal size) etc all	2	each	263.88	527.76
32	PVC insualated single core multistandard copper conductor of ISI mark (ISI mark to Hevells,V guard L&T Finolex)				
33	.....do..... 2x1.5sqmm+1x1.5sqmm(1.8.1)	4	PM	120.11	480.44
34	.....do..... 2x2.5sqmm+1x1.5sqmm(1.8.2)	2	PM	134.06	268.12


Assistant Engineer
NRM, Balasore

BOG-23/04


35	.....do..... 2x1.4sqmm+1x1.5sqmm(1.8.3)	4	PM	151.44	605.76
36	Holder BK angle	8	each	14.9	119.20
37	soldering of GI wire	4	PM	47.68	190.72
38	Fitting and fixing of ceiling fan	1	each	2500	2500.00
					260466.08
Total				Say	260466.00

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

TENDER SCHEDULE

(BILL OF QUANTITY) - 24/01

Name of work-	Renovation of Sc at Tentei under Soro Block
Estimated Cost-	Rs- 184770.00
E.M. to be Deposited-	
Cost Of Tender paper with VAT 4%	
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	No. or Qty	UNIT	Estimated Rate	AMOUNT in Rupees
				Figure	
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	0.14	1 Cum	9122.21	1291.00
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.	0.14	1 Qtl.	8100.79	1146.00
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.	1.27	1 Sqm	1219.19	1553.00

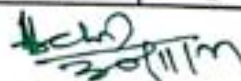

Assistant Engineer
NHM, Balasore

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)	0.24	1 Cum	4406.03	1047.00
5	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.	4.18	1sqm	198.66	831.00
6	Earth work in excavation of foundation in hard soil with all leads and lifts including dressing and levelling the bed and depositing the excavated earth at place away from work site with all . complete as per specification and direction of the Engineer-in-charge.	1.19	1 Cum	287.93	344.00
7	Supplying filling in foundation and plinth with fine coarse sand of approved quality in layer not exceeding 23.5 cm (5') free from organic and vegetation materials, well watered and rammed including allcomplete as per the specification and direction of the Engineer-in-charge(Measurement will be taken on finished compacted section only)	0.75	1 Cum	707.32	528.00
8	Cement concrete of proportion (1:4:8) in foundation and plinth using 4cm size clean hard hand broken granite metal of complete as per specification and direction of the Engineer-in-charge.	0.79	1 Cum	4254.52	3351.00
9	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 foundation)	5.05	1 Cum	4406.03	22237.00
10	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.	14.09	1 Sqm	145.02	2044.00


Assistant Engineer
NHM, Balasore

BOQ - 24/03

11	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.	5.64	1sqm	203.14	1145.00
12	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.	2.93	1 Cum	153.68	450.00
14	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.	2.26	qtl	7472.68	16888.00
15	Providing and fixing Glazed tile in dado,skirting riser of steps on 12 mm thick cement plaster 1:3 jionted with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing complet including cost of precast tiles, all materials,labour,t&p,all taxes of materials etc complete as per instruction of Architect and Engineer in charge.	2.73	1 Sqm	707.47	1931.00
16	: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.	6.50	1 Sqm	957.02	6223.00
17	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.	398.34	1 Sqm	121.96	48583.00
18	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
19	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
20	Branding for HWC as per specification in outer plaster surface including all complete	417.40	1sft	50.00	20870.20
21	Supplying all materials, labour T&P and fixing mirror of superior	1	No	695.70	695.70
22	Supplying all materials, labour T&P and fixing standard size C.P.	5	Nos	267.40	1337.00
23	Supplying all materials, labour T&P and cutting holes through	3	Nos	176.60	529.80
24	Supplying all materials, labour, T&P and laying 110 mm dia U-	2.00	Mtr	1,058.90	2117.80
25	Supplying all materials, labour, T&P and providing and fixing to	7.00	Mtr	94.50	661.50
26	25 mm dia PVC (ASTM) Pipe) [External]	8.00	Mtr	87.20	697.60
27	Supplying all materials, labour, T&P and fitting & fixing brass /C.P.	2	No	697.20	1394.40
28	15 mm dia C.P (c) Stop Cock[Essco/Plaza/Amber/ Aquatic]	2	Nos	854.70	1709.40



Assistant Engineer
NHM, Balasore

BOQ-24/04

29	15 mm dia C .P Angle Stop Cock[Essco/Plaza/Amber/ Aquatic]	2	Nos	711.80	1423.60
30	15 mm dia C .P Pillar Cock with long neck [Essco/Plaza/Amber/	2	No	809.80	1619.60
31	Holder BK angle	7	each	14.68	102.76
32	Fitting and fixing of ceiling fan	3	each	2200	6600.00
33	Fan regulator in existing switch board etc all.	3	each	280.82	842.46
34	Supply instation testing and commissioning 10watt	10	each	167.58	1675.80
					198920.62
				Say	198921.00

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

H. B. Ch
20/11/21

Assistant Engineer
NHM, Balasore

✓
20/11/21
CDM & PHO, Balasore

BOG-25/01

TCN - / /2019-20

TENDER SCHEDULE

Name of the work	Up-Gradation of HWC SC at Singhakhunta under Soro block
Estimated cost	248112.00
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	

Sl. No.	DESCRIPTION OF ITEMS	Quantity	Unit	Rate in Figure	Amount
1	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.	6.64	Cum	726.20	4818.99
2	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.	5.29	Cum	4389.20	23218.43
3	Dismantling cement plaster including cost of all labour etc complete	127.69	Sqm	36.00	4596.91
4	Dismantling A.S flooring including cost of all labour etc complete	38.42	Sqm	76.90	2954.88
5	Dismantling grading concrete including cost of all labour etc complete	13.01	Sqm	86.60	1126.77
6	4cm thick grading concrete on toof etc complete	13.01	Sqm	570.90	7428.07
7	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.				0.00
8	Foundation	1.84	Cum	4107.60	7557.15
9	16mm thick C.P. in C.M.(1:6) over brick work finished smooth after racking out joints with cost, conveyance of materials labour, T&P required for the work including royalty etc.complete as per direction of the Engineer-in-charge.	90.49	Sqm	199.20	18025.53

ben
20/11/19
Assistant Engineer
NHM, Balasore

BOA-25/02

10	Supplying fitting and fixing of vetrified tile floor including cost of all labour etc complete.	54.35	Sqm	934.20	50771.51
11	Supplying fitting and fixing of glazed wall tile including cost of all labour etc complete as per direction of Enqq-in-charge.	14.92	Sqm	850.08	12680.10
12	Supplying fitrting fixing M.S door and windows of approved design etc, complete.	161.64	Kg	123.40	19945.97
13	Distempering two coats with approved shed over new all surface including cost of distemper etc.complete as per direction of the Engineer-in-charge.	255.47	Sqm	121.10	30937.60
14	Painting two coats over a coat of priming on wood & iron work etc, complete.	21.85	Sqm	133.00	2906.15
15	Providing two coats of 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.	101.33	Sqm	128.80	13051.43
16	Making design of templates ,local crafts, design templates and illusrtaion etc complete including all labour and material etc complete.	521.84	Sqm	50.00	26092.10
17	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)	8.00	Mtr	1058.90	8471.20
18	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]	5	No	697.20	3486.00

Behl
20/11/17
Assistant Engineer
NRM, Baidar

BOA-25/03

19	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.				
20	.....do..... Group A (1.2.1-1.24.2)	5	Point	287.85	1439.25
21	.....do..... Group B (1.2.1-1.24.2)	2	Point	498.73	997.46
22	Recessed wiring with fan point Group-B	3	Point	498.73	1496.19
23	S/F of metal box pf 150mmx75mmx60mm deep(Nominal size) etc all	4	each	192.84	771.36
24	S/F of 5amp switch and 5 amp socket outlet etc all	3	each	83.14	249.42
25	S/F of metal box pf 180mmx100mmx60mm deep(Nominal size) etc all	2	each	263.88	527.76
26	PVC insulated single core multistandard copper conductor of ISI mark (ISI mark to Hevels,V guard L&T Finolex)	4			
27	.....do..... 2x1.5sqmm+1x1.5sqmm(1.8.1)	4	PM	120.11	480.44
28	.....do..... 2x2.5sqmm+1x1.5sqmm(1.8.2)	4	PM	134.06	536.24
29	.....do..... 2x1.4sqmm+1x1.5sqmm(1.8.3)	5	PM	151.44	757.20
30	Holder BK angle	3	each	16.3	48.90
31	soldering of GI wire	5	PM	47.68	238.40
32	Fitting and fixing of ceiling fan	1	each	2500	2500.00
					248111.40
		Total		Say	248112.00

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

Signature of Contractor

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

Asst Engr
30/11/24
Assistant Engineer
NH&P, Balasore

30/11/24
Chief District Medical & Public Health Officer
Balasore

BOQ-26/01

TCN - / /2019-20

TENDER SCHEDULE

Name of the work	Up-Gradation of HWC SC at Dahisada under Soro block
Estimated cost	248104.00
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	

Sl. No.	DESCRIPTION OF ITEMS	Quantity	Unit	Rate in Figure	Amount
1	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.	6.64	Cum	613.70	4072.45
2	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.	5.29	Cum	4399.60	23273.44
3	Dismantling cement plaster including cost of all labour etc complete	124.99	Sqm	36.00	4499.79
4	Dismantling A.S flooring including cost of all labour etc complete	38.42	Sqm	76.90	2954.88
5	Dismantling grading concrete including cost of all labour etc complete	13.01	Sqm	86.60	1126.77
6	4cm thick grading concrete on toof etc complete	13.01	Sqm	570.90	7428.07
7	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.				
8	Foundation	1.84	Cum	4036.40	7426.15

[Handwritten Signature]
 Assistant Engineer
 NHM, Balasore

BOQ-26/02

9	16mm thick C.P. in C.M.(1:6) over brick work finished smooth after racking out joints with cost, conveyance of materials labour, T&P required for the work including royalty etc.complete as per direction of the Engineer-in-charge.	90.49	Sqm	196.80	17808.36
10	Supplying fitting and fixing of vetrified tile floor including cost of all labour etc complete.	54.35	Sqm	928.30	50450.86
11	Supplying fitting and fixing of glazed wall tile including cost of all labour etc complete as per direction of Engg-in-charge.	14.92	Sqm	850.08	12680.10
12	Supplying fitring fixing M.S door and windows of approved design etc, complete.	161.64	Kg	123.40	19945.97
13	Distempering two coats with approved shed over new all surface including cost of distemper etc.complete as per direction of the Engineer-in-charge.	255.47	Sqm	121.10	30937.60
14	Painting two coats over a coat of priming on wood & iron work etc, complete.	21.85	Sqm	133.00	2906.15
15	Providing two coats of 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.	101.33	Sqm	128.80	13051.43
16	Making design of templates ,local crafts, design templates and illusrtaion etc complete including all labour and material etc complete.	550.84	Sqm	50.00	27542.10

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Assistant Engineer
NHM, Balasore

17	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	1058.90	8471.20
18	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]	5	No	697.20	3486.00
19	Recssed wiring to light point and exhaust fan point with 1.5sqm FR PVC insualated 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.				
20	.....do..... Group A (1.2.1-1.24.2)	5	Point	287.85	1439.25
21	.....do..... Group B (1.2.1-1.24.2)	2	Point	498.73	997.46
22	Ressed wiring with fan point Group-B	3	Point	498.73	1496.19
23	S/F of metal box pf 150mmx75mmx60mm deep(Nominal size) etc all	4	each	192.84	771.36
24	S/F of 5amp switch and 5 amp socket outlet etc all	3	each	83.14	249.42
25	S/F of metal box pf 180mmx100mmx60mm deep(Nominal size) etc all	2	each	263.88	527.76
26	PVC insualated single core multistandard copper conductor of ISI mark (ISI mark to Hevells,V guard L&T Finolex)	4			
27	.....do..... 2x1.5sqmm+1x1.5sqmm(1.8.1)	4	PM	120.11	480.44
28	.....do..... 2x2.5sqmm+1x1.5sqmm(1.8.2)	4	PM	134.06	536.24
29	.....do..... 2x1.4sqmm+1x1.5sqmm(1.8.3)	5	PM	151.44	757.20

Behu
20/11/20
 Assistant Engineer
 NHM, Balasore

BOQ-26/04

30	Holder BK angle	3	each	16.3	48.90
31	soldering of GI wire	5	PM	47.68	238.40
32	Fitting and fixing of ceiling fan	1	each	2500	2500.00
					248103.94
Total				Say	248104.00

My / our Quoted rate is (in figure) % (in words)
 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)

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

[Handwritten Signature]

**Assistant Engineer
 NHM, Balasore**

[Handwritten Signature]
 30/11/21

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

BILL OF QUANTITIES - 27/01

Name of work : Detailed estimate for Up-gradation of Sub-Centre HWC building at Bishnupur under Baliapal Block in the District of Balasore for the year 2020-21"

Name of the work:-

Tender Call Notice No :-
 Approx. Estimated Cost :- Rs. 248615.16
 E.M.D. to be deposited :-
 Cost of Tender Paper , :- Rs. /-
 Class of Contractor :- 'D' & 'C' Class
 Last Date of sale of tender Paper :-
 Last Date of receipt of tender :-
 Date of Opening of Tender :-
 Time of Completion :-

Sl. No	Description of items	Unit	Quantity	Rate	Amount
1	Earthwork in excavation of foundation in hard soil including rough dressing and levelling the bed etc complete	Cum	1.02	185.40	190.13
2	Filling foundation and plinth with sand well watered and rammed etc complete	Cum	0.25	751.57	187.89
3	Cement concrete (1:3:6) with 4 cm size metal etc. comp.	Cum	0.25	5106.71	1275.68
4	Cement concrete (1:2:4) with nominal stone aggregate etc complete.	Cum	0.13	6533.30	849.33
5	Labour for cutting, bending, shifting to site, tying and placing in position HYSD Bar etc. complete (in Ground Floor)	qtl	0.24	8206.49	1969.56
6	RCC wok of M-20 grade with 20mm downgraded size hard granite chips including hoisting and laying				
6-a	Chajja	Cum	0.16	12183.18	1949.31
6-b	Roof slab	Cum	0.10	9542.90	954.29
7	Fly ash Brick work (1:6) in superstructure including all labour and material etc complete.	Cum	0.18	4500.88	810.16
8	6mm thick cement plaster in C.M (1:4) including all labour and material etc complete.	Cum	6.05	158.70	960.15
9	16mm thick cement plaster in C.M (1:6) including all labour and material etc complete.	sqm	34.45	199.47	6871.69
10	12mm thick cement plaster in C.M (1:6) including all labour and material etc complete.	sqm	27.75	140.41	3896.50
11	Fixing vetrified tiles in dados, skirting and riser of steps on 12 mm thick cement plaster 1:3 jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles, all materials, labour, t&p, all taxes of materials etc complete.	sqm	11.15	1152.04	12845.25
12	Providing & laying granite slab over prepared base.	sqm	1.46	2545.60	3716.58


Assistant Engineer
NHM, Balasore

fixing Ceramic tiles in dados,skirting and riser of steps on 12 mm thick cement plaster 1:3 jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles,all materials,labour,t&p,all taxes of materials etc complete.

		sqm	2.55	1055.50	2691.53
14	2.5 cm grading concrete (1:2:2) on roof slab in ground floor with two coats of polymer paint & 2% water proofing compound refer item no. 17 of A/R page 47	sqm	96.03	377.80	36280.13
15	Supplying and fitting and fixing of M.S shutter of approved design including all labour and material etc complete.	Qntl	201.13	144.40	29042.59
16	Painting 2 coats over 1-coat of primer including all labour and material etc complete.	sqm	86.26	187.38	16164.27
17	Dismantling & removing doors, windows & ventilators incl. removal of frame etc. as per item no. 18 of A/R page-219.	sqm	5.57	311.90	1737.28
18	Distemping 2 coats to wall distemper of approved shade with a coat of primer etc complete.(FF)	sqm	325.29	117.00	38058.93
19	Wall painting 2 coat with Weather coat of approved shade to give an even shade including cost of paint.	sqm	190.52	134.10	25548.73
20	Scraping plaster in cement plaster from brick / stone work including disposal as per item no. 25 of A/R page 203.	sqm	190.52	15.90	3029.27
21	S&F 4mm plain glass with cost of nail ,screws etc complete to shape as per direction of Engineer in charge	sqm	1.49	515.85	768.62
22	Branding for HWC as per specification in outer plaster surface including all complete	Sqft	509.52	50.00	25475.90
23	Finishing wall surface of wall with cement based wall putty (water based) & finished smooth to receive paint	Sqft	111.52	65.80	7338.02
24	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 lower bolt two nos. all complete as per specification and direction of E.I.C.(Joint less Single Piece)	Nos	1.00	2,176.70	2176.70

Handwritten Signature
 Assistant Engineer
 NRII, Balasore

	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.-- 110 mm dia U-PVC Pipes (4 Kg/Cm2)	Mtr	3.88	217.70	844.68
26	110 mm dia U-PVC P Trap	Nos	4	299.70	1198.80
27	110 mm dia U-PVC Door cross Tee	No	1	350.30	350.30
28	110 mm dia U-PVC Door Bend	Nos	3	204.70	614.10
29	110 mm dia U-PVC Plain Bend	Nos	1	147.00	147.00
30	110 mm dia U-PVC Cowl	Nos	1	77.30	77.30
31	110 mm dia U-PVC Offset	Nos	1	180.50	180.50
32	125 mm dia C.P. grating	Nos	3	69.60	208.80
33	75 mm dia U-PVC Pipes (4 Kg/Cm2)	Mtr	1.00	128.60	128.60
34	75 mm dia U-PVC Plain bend	Nos	1	93.00	93.00
35	75 mm dia U-PVC Door Bend	No	1	122.90	122.90
36	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)	Nos	1.00	611.80	611.80
37	Supplying all materials, labour T&P and fixing standard size C.P. towel rail / ring complete with c.p. brass brackets fixed to wooden plugs with c.p screws as per P.H specification and direction of E.I.C. -- 25 mm x 600 mm long C.P Towel rail				
38	C.P. Towel Ring (St.)	Nos	1.00	427.20	427.20
39	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.	Nos	2.00	268.90	537.80
40	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/Cm2)	Mtr	2.00	1,077.80	2155.60
41	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]	Mtr	3.50	95.50	334.25
42	25mm dia HDPE Pipe [External Including E/W]	Mtr	2.45	89.57	219.45


 Assistant Engineer
 NHM, Balasore

Applying all materials, labour T&P and fitting & fixing 10 litres capacity low level cistern with a pair of cast iron of 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)

Nos

1.00

1568.80

1,568.80

44 Recessed wiring to light point with 1.5sqmm FR PVC insulated single core multistrand copper conductor of ISI marked with 20mm dia non-metallic PVC flexible conduit with 5Amp, 250V piano type switch ISI marked and ceiling rose ISI Marked mounted on MS box having front bakelite cover of suitable size, MS box with 1.5 sq mm FR PVC insulated single core multistrand copper conductor and earth wire including all accessories and connection as per direction of engineer in charge (Make of wire = Finollex/L & T/ Anchor/Havels/ V-Guard) (deducting the cost of S/F of 100mmx100mmx60mm M.S.Box with bakelite cover - 1 no)

Point

9

290.87

2617.83

-do- Light point Group A (1.1.1-1.24.2)

Point

2

502.76

1005.52

-do- Light point Group B (1.1.1-1.24.2)

Point

3

502.76

1508.26

-do- Fan point Group B (1.1.2-1.24.2)

Point

2

767.38

1534.76

45 S/F of 18-25 watt LED Tube light fitting complete with all connection, including fixing and all accessories as per direction of Engineer-in-charge (Make: Havels /Philips /Crompton/Polycab/PAC/HPL)

Each

5

657.00

3285.00

46 S/F of 9W LED bulb (Make: Havels /Philips /Crompton/Polycab/PAC/HPL)

Each

6

167.58

1005.48

47 Supply & Fixing of 48" A.C. ceiling fan without regulator including numbering of reputed mark including all connections (Make:Usha-Striker One/Neo/ Crompton-Riviera highspeed/Havels-Samrat/ Anchor-Penta Turbo/ Orient-Summer king/ Breeze)

Each

1.00

2103.00

2103.00

48 S/F of electric step ceiling fan regulator in existing switch box including connection with 1.5sqmm FR PVC insulated single core multistrand copper conductor earthing the regulator as required (1.38)

Each

2.00

284.17

568.34

49 S/F of batten holder BK angle holder ISI marked including connection etc instead of ceiling rose (1.29-1.28)

Each

3

14.68

44.04

50 S/F of 5 amp switch and 5A socket outlet of ISI marked on existing board (1.25.1 & 1.25.4)

Each

4.00

83.14

332.56

248615.16

Say

248615.00

TOTAL 50(Fifty) Items only

My/ our quoted rate is.....% Excess over /

Less than / equal to the estimated cost of Rs. 248615.00

(Rate to be quoted both figure & ward)

Signature of Contractor


Sold on payment of Rs.

/- (Rupees

) Only

towards cost of tender paper with VAT vide M.R.No. _____ dt. _____


Assistant Engineer
NH&M, Balasore


APPROVED
C.D.M. & P.H.O.
Balasore

BILL OF QUANTITIES - 28/01

Name of work : Detailed estimate for Up-gradation of Sub-Centre HWC building at Dagara under Baliapal Block in the District of Balasore for the year 2020-21"

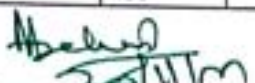
Name of the work:-

Tender Call Notice No :-
 Approx. Estimated Cost :- Rs. 247484.00
 E.M.D. to be deposited :-
 Cost of Tender Paper :- Rs. /-
 Class of Contractor :- 'D' & 'C' Class
 Last Date of sale of tender Paper :-
 Last Date of receipt of tender :-
 Date of Opening of Tender :-
 Time of Completion :-


Sl. No	Description of items	Unit	Quantity	Rate	Amount
1	Earthwork in excavation of foundation in hard soil including rough dressing and levelling the bed etc complete	Cum	7.22	186.40	1345.81
2	Filling foundation and plinth with sand well watered and rammed etc complete	Cum	1.81	807.32	1461.25
3	Cement concrete (1:3:6) with 4 cm size metal etc. comp.	Cum	1.81	5154.43	9329.52
4	Cement concrete (1:2:4) with nominal stone aggregate etc complete.	Cum	0.90	6578.00	5920.20
5	Labour for cutting, bending, shifting to site, tying and placing in position HYSD Bar etc. complete. (in Ground Floor)	qtl	0.24	8211.95	1970.87
6	RCC wok of M-20 grade with 20mm downgraded size hard granite chips including hoisting and laying				
6-a	Chajja	Cum	0.16	12227.92	1956.47
6-b	Roof slab	Cum	0.10	9587.64	958.76
7	Fly ash Brick work (1:6) in superstructure including all labour and material etc complete.	Cum	0.18	4550.48	819.09
8	6mm thick cement plaster in C.M (1:4) including all labour and material etc complete.	Cum	6.05	159.05	962.26
9	16mm thick cement plaster in C.M (1:6) including all labour and material etc complete.	sqm	34.45	200.31	6900.56
10	12mm thick cement plaster in C.M (1:6) including all labour and material etc complete.	sqm	27.75	141.11	3915.93
11	Fixing vetrified tiles in dados, skirting and riser of steps on 12 mm thick cement plaster 1:3 jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles, all materials, labour, t&p, all taxes of materials etc complete.	sqm	11.15	1152.04	12845.25
12	Providing & laying granite slab over prepared base.	sqm	1.46	2545.60	3716.58


Assistant Engineer
NHM, Balasore

	Fixing Ceramic tiles in dados,skirting and riser of steps on 12 mm thick cement plaster 1:3 jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles,all materials,labour,t&p,all taxes of materials etc complete.	sqm	2.55	1055.50	2691.53
14	Supplying and fitting and fixing of M.S shutter of approved design including all labour and material etc complete.	Qntl	201.13	144.50	29062.71
15	Painting 2 coats over 1-coat of primer including all labour and material etc complete.	sqm	86.26	187.38	16164.27
16	Dismantling & removing doors, windows & ventilators incl. removal of frame etc. as per item no. 18 of A/R page-219.	sqm	5.57	311.90	1737.28
17	Distemping 2 coats to wall distemper of approved shade with a coat of primer etc complete.(FF)	sqm	325.29	117.00	38058.93
18	Wall painting 2 coat with Weather coat of approved shade to give an even shade including cost of paint.	sqm	376.71	134.10	50516.81
19	Scraping plaster in cement plaster from brick / stone work including disposal as per item no. 25 of A/R page-203.	sqm	376.71	15.90	5989.69
20	S&F 4mm plain glass with cost of nail ,screws etc. complete to shape as per direction of Engineer in charge.	sqm	1.49	515.85	768.62
21	Branding for HWC as per specification in outer plaster surface including all complete	Sqft	567.83	50.00	28391.40
22	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)	Nos	1.00	2,176.70	2176.70
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.-- 110 mm dia U-PVC Pipes (4 Kgf/Cm ²)	Mtr	3.88	217.70	844.68
24	110 mm dia U-PVC P' Trap	Nos	4	299.70	1198.80
25	110 mm dia U-PVC Door cross Tee	No	1	350.30	350.30
26	110 mm dia U-PVC Door Bend	Nos	3	204.70	614.10
27	110 mm dia U-PVC Plain Bend	Nos	1	147.00	147.00
28	110 mm dia U-PVC Cowl	Nos	1	77.30	77.30
29	110 mm dia U-PVC Offset	Nos	1	180.50	180.50


Assistant Engineer
NHM, Balasore

1	125 mm dia C.P grating	Nos	3	69.60	208.80
	75 mm dia U-PVC Pipes (4 Kgf/Cm ²)	Mtr	1.00	128.60	128.60
32	75 mm dia U-PVC Plain bend	Nos	1	93.00	93.00
33	75 mm dia U-PVC Door Bend	No	1	122.90	122.90
34	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)	Nos	1.00	611.80	611.80
35	Supplying all materials, labour T&P and fixing standard size C.P. towel rail / ring complete with c.p. brass brackets fixed to wooden plugs with c.p screws as per P.H specification and direction of E.I.C. -- 25 mm x 600 mm long C.P Towel rail				
36	C.P. Towel Ring (St.)	Nos	1.00	427.20	427.20
37	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.	Nos	2.00	268.90	537.80
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)	Mtr	2.00	1,077.80	2155.60
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 specification and direction of E.I.C - 15 mm dia PVC (ASTM) Pipe [Internal]	Mtr	3.50	95.50	334.25
40	25mm dia HDPE Pipe [External Including E/W]	Mtr	2.41	89.57	215.86
41	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)	Nos	1.00	1,568.80	1568.80
42	Recessed wiring to light point with 1.5sqmm FR PVC insulatd single core multistrand copper conductor of ISI marked with 20mm dia non-metalic PVC flexible conduit with 5Amp . 250V piano type switch ISI marked and ceiling rose ISI Marked mounted on MS box having front bakelite cover of suitable size. MS box with 1.5 sq mm FR PVC insulated single core multistrand copper conductor and earth wire including all accessorie and connection as per direction of engineer in charge (Make of wire = Finollex/L & T/ Anchor/Havels/ V-Guard) (deducting the cost of S/F of 100mmx 100mmx60mm M.S.Box with bakelite cover - 1 no)	Point	3	290.87	872.61


 Assistant Engineer
 NHM, Balasore

BOG-28/04

45	-do- Light point Group A (1.1.1-1.24.2)	Point	2	502.76	1005.52
	-do- Light point Group B (1.1.1-1.24.2)	Point	3	502.76	1508.28
45	-do- Fan point Group B (1.1.2-1.24.2)	Point	2	767.38	1534.76
46	S/F of 18-25 watt LED Tube light fitting complete with all connection \ including fixing and all accessories as per direction of Engineer-In-charge (Make: Havels /Philps /Crompton/Polycab/PAC/HPL)	Each	3	657.00	1971.00
47	S/F of 9W LED bulb (Make: Havels /Philps /Crompton/Polycab/PAC/HPL)	Each	2	167.58	335.16
48	Supply & Fixing of 48" A.C. ceiling fan without regulator incuding numbering of reputed mark including all connections (Make:Usha-Striker One/Neo/ Crompton-Riviera highspeed/Havells-Samrat/ Anchor Penta Turbo/ Orient-Summer king/ Breeze)	Each	1.00	2103.00	2103.00
49	S/F of electric step ceiling fan regulator in existing switch box including connection with 1.5sqmm FR PVC insulated single core multistrand copper conductor earthing the regulator as required.(1.38)	Each	1.00	284.17	284.17
50	S/F of batten holder BK angle holder ISI marked including connection etc instead of ceiling rose (1.29-1.28)	Each	4	14.68	58.72
51	S/F of 5 amp swith and 5A socket out let of ISI marked on existing board (1.25.1 & 1.25.4)	Each	4.00	83.14	332.56

247483.54

Say **247484.00**

TOTAL 51(Fifty One) Items only

My/ our quoted rate is.....% Excess over /

Less than / equal to the estimated cost of Rs. 247484.00

(Rate to be quoted both figure & ward)

Signature of Contractor

Sold on payment of Rs. /- (Rupees) Only

towards cost of tender paper with VAT vide M.R.No. _____ dt. _____

Babu
32/11/14
Assistant Engineer
IHM, Balasore

[Signature]
32/11/14
APPROVED
C.D.M. & P.H.O.
Balasore

BILL OF QUANTITIES - 29/01

Name of work : Detailed estimate for Up-gradation of Sub-Centre HWC building at Jambhirai under Baliapal Block in the District of Balasore for the year 2020-21"

Name of the work:-

Tender Call Notice No :-
 Approx. Estimated Cost :- Rs. 254212.00
 E.M.D. to be deposited :-
 Cost of Tender Paper :- Rs. /-
 Class of Contractor :- 'D' & 'C' Class
 Last Date of sale of tender Paper :-
 Last Date of receipt of tender :-
 Date of Opening of Tender :-
 Time of Completion :-

Sl. No	Description of items	Unit	Quantity	Rate	Amount
1	Earthwork in excavation in of foundation in hard soil including rough dressing and levelling the bed etc complete	Cum	7.82	186.40	1457.65
2	Filling foundation and plinth with sand well watered and rammed etc complete	Cum	1.95	773.87	1509.05
3	Cement concrete (1:3:6) with 4 cm size metal etc. comp.	Cum	1.95	5130.34	10004.16
4	Cement concrete (1:2:4) with nominal stone aggregate etc complete.	Cum	0.98	6556.40	6425.27
5	Labour for cutting, bending, shifting to site, tying and placing in position HYSD Bar etc. complete. (in Ground Floor)	qtf	0.24	8208.05	1969.93
6	RCC wok of M-20 grade with 20mm downgraded size hard granite chips including hoisting and laying				
6-a	Chajja	Cum	0.16	12206.48	1953.04
6-b	Roof slab	Cum	0.10	9566.20	956.62
7	Fly ash Brick work (1:6) in superstructure including all labour and material etc complete.	Cum	0.18	4594.49	827.01
8	6mm thick cement plaster in C.M (1:4) including all labour and material etc complete.	Cum	6.05	158.88	961.21
9	16mm thick cement plaster in C.M (1:6) including all labour and material etc complete.	sqm	34.45	199.84	6884.32
10	12mm thick cement plaster in C.M (1:6) including all labour and material etc complete.	sqm	27.75	140.73	3905.12
11	Fixing vetrified tiles in dados, skirting and riser of steps on 12 mm thick cement plaster 1:3 jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles, all materials, labour, t&p, all taxes of materials etc complete.	sqm	11.15	1152.04	12845.25
12	Providing & laying granite slab over prepared base.	sqm	1.46	2545.60	3716.58


Assistant Engineer
I&M, Balasore

B08-29/02

	Fixing Ceramic tiles in dados,skirting and riser of steps on 12 mm thick cement plaster 1:3 jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles,all materials,labour.t&p,all taxes of materials etc complete.	sqm	2.55	1055.50	2691.53
14	Supplying and fitting and fixing of M.S shutter of approved design including all labour and material etc complete.	Qntl	201.13	144.40	29042.59
15	Painting 2 coats over 1-coat of primer including all labour and material etc complete.	sqm	86.26	187.38	16164.27
16	Dismantling & removing doors, windows & ventilators incl. removal of frame etc. as per item no. 18 of A/R page-219.	sqm	5.57	311.90	1737.28
17	Distemping 2 coats to wall distemper of approved shade with a coat of primer etc complete.(FF)	sqm	325.29	117.00	38058.93
18	Wall painting 2 coat with Weather coat of approved shade to give an even shade including cost of paint.	sqm	190.52	134.10	25548.73
19	Scraping plaster in cement plaster from brick / stone work including disposal as per item no. 25 of A/R page 203.	sqm	190.52	15.90	3029.27
20	S&F 4mm plain glass with cost of nail ,screws etc. complete to shape as per direction of Engineer in charge	sqm	1.49	515.85	769.62
21	Branding for HWC as per specification in outer plaster surface including all complete	Sqft	509.52	50.00	25475.90
22	2.5 cm grading concrete (1:2:2) on roof slab in ground floor with two coats of polymer paint & 2% water proofing compound refer item no.17 of A/R page 47 .	Sqft	96.03	377.80	36280.13
22	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)	Nos	1.00	2,176.70	2176.70
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.-- 110 mm dia U-PVC Pipes (4 Kgf/Cm2)	Mtr	3.88	217.70	844.68

Behl
20/11/20
Assistant Engineer
NHM, Balasore

B06-29/03

	110 mm dia U-PVC P' Trap	Nos	4	299.70	1198.80
	110 mm dia U-PVC Door cross Tee	No	1	350.30	350.30
26	110 mm dia U-PVC Door Bend	Nos	3	204.70	614.10
27	110 mm dia U-PVC Plain Bend	Nos	1	147.00	147.00
28	110 mm dia U-PVC Cowl	Nos	1	77.30	77.30
29	110 mm dia U-PVC Offset	Nos	1	180.50	180.50
30	125 mm dia C.P. grating	Nos	3	69.60	208.80
31	75 mm dia U-PVC Pipes (4 Kgf/Cm ²)	Mtr	1.00	128.60	128.60
32	75 mm dia U-PVC Plain bend	Nos	1	93.00	93.00
33	75 mm dia U-PVC Door Bend	No	1	122.90	122.90
34	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)	Nos	1.00	611.80	611.80
35	Supplying all materials, labour T&P and fixing standard size C.P. towel rail / ring complete with c.p. brass brackets fixed to wooden plugs with c.p screws as per P.H specification and direction of E.I.C. -- 25 mm x 600 mm long C.P Towel rail				
36	C.P. Towel Ring (St.)	Nos	1.00	427.20	427.20
37	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.	Nos	2.00	268.90	537.80
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)	Mtr	2.00	1,077.80	2155.00
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 specification and direction of E.I.C - 15 mm dia PVC (ASTM) Pipe [Internal]	Mtr	3.50	95.50	334.25
40	25mm dia HDPE Pipe [External Including E/W]	Mtr	2.41	89.57	215.86
41	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)	Nos	1.00	1,568.80	1568.80

Babu
20/11/20
Assistant Engineer
NHM, Balasore

	cessed wiring to light point with 1.5sqmm FR PVC insulated single core multistrand copper conductor of ISI marked with 20mm dia non-metallic PVC flexible conduit with 5Amp . 250V piano type switch ISI marked and ceiling rose ISI Marked mounted on MS box having front bakelite cover of suitable size, MS box with 1.5 sq mm FR PVC insulated single core multistrand copper conductor and earth wire including all accessories and connection as per direction of engineer in charge (Make of wire = Finollex/L & T/ Anchor/Havels/ V-Guard) (deducting the cost of S/F of 100mmx 100mmx60mm M.S.Box with bakelite cover - 1 no)	Point	3	290.87	872.61
43	-do- Light point Group A (1.1.1-1.24.2)	Point	2	502.76	1005.52
44	-do- Light point Group B (1.1.1-1.24.2)	Point	3	502.76	1508.28
45	-do- Fan point Group B (1.1.2-1.24.2)	Point	2	767.38	1534.76
46	S/F of 18-25 watt LED Tube light fitting composite with all connection including fixing and all accessories as per direction of Engineer-In-charge (Make: Havels /Philips /Crompton/Polycab/PAC/HPL)	Each	3	657.00	1971.00
47	S/F of 9W LED bulb (Make: Havels /Philips /Crompton/Polycab/PAC/HPL)	Each	2	167.58	335.16
48	Supply & Fixing of 48" A.C. ceiling fan without regulator including numbering of reputed mark including all connections (Make:Usha-Striker One/Neo/ Crompton-Riviera highspeed/Havells-Samrat/ Anchor-Penta Turbo/ Orient-Summer king/ Breeze)	Each	1.00	2103.00	2103.00
49	S/F of electric step ceiling fan regulator in existing switch box including connection with 1.5sqmm FR PVC insulated single core multistrand copper conductor earthing the regulator as required. (1.38)	Each	1.00	284.17	284.17
50	S/F of batten holder BK angle holder ISI marked including connection etc instead of ceiling rose (1.29-1.28)	Each	4	14.68	58.72
51	S/F of 5 amp switch and 5A.socket out let of ISI marked on existing board (1.25.1 & 1.25.4)	Each	4.00	83.14	332.56

254212.22

Say

254212.00

TOTAL 51(Fifty One) Items only

My/ our quoted rate is.....% Excess over /

Less than / equal to the estimated cost of Rs. 254212.00

(Rate to be quoted both figure & ward)

Signature of Contractor

Sold on payment of Rs. /- (Rupees) Only

towards cost of tender paper with VAT vide M.R.No. dt.

[Handwritten Signature]
Assistant Engineer
N/A, Balasore

[Handwritten Signature] APPROVED
C.D.M. & P.H.O.
Balasore

BILL OF QUANTITIES -30/01

Name of the work:-

Name of work : Detailed estimate for Up-gradation of Sub-Centre HWC building at Katisahi (Deula) under Baliapal Block in the District of Balasore for the year 2020-21"

Tender Call Notice No :-
 Approx. Estimated Cost :- Rs. 243171.00
 E.M.D. to be deposited :-
 Cost of Tender Paper :- Rs. /-
 Class of Contractor :- 'D' & 'C' Class
 Last Date of sale of tender Paper :-
 Last Date of receipt of tender :-
 Date of Opening of Tender :-
 Time of Completion :-

Sl. No	Description of items	Unit	Quantity	Rate	Amount
1	Earthwork in excavation in of foundation in hard soil including rough dressing and levelling the bed etc complete	Cum	9.00	186.40	1677.60
2	Filling foundation and plinth with sand well watered and rammed etc complete	Cum	2.25	718.12	1615.77
3	Cement concrete (1:3:6) with 4 cm size metal etc. comp.	Cum	2.25	5061.55	11388.48
4	Cement concrete (1:2:4) with nominal stone aggregate etc complete.	Cum	1.13	6490.90	7334.72
5	Labour for cutting, bending, shifting to site, tying and placing in position HYSD Bar etc. complete. (in Ground Floor)	qtl	0.24	8202.58	1968.62
6	RCC wok of M-20 grade with 20mm downgraded size hard granite chips including hoisting and laying				
6-a	Chajja	Cum	0.16	12140.84	1942.93
6-b	Roof slab	Cum	0.10	9500.56	950.06
7	Fly ash Brick work (1:6) in superstructure including all labour and material etc complete.	Cum	0.18	4449.17	800.65
8	6mm thick cement plaster in C.M (1:4) including all labour and material etc complete	Cum	6.05	158.49	958.89
9	16mm thick cement plaster in C.M (1:6) including all labour and material etc complete.	sqm	34.45	198.96	6854.26
10	12mm thick cement plaster in C.M (1:6) including all labour and material etc complete.	sqm	27.75	140.00	3885.01
11	Fixing vetrified tiles in dados, skirting and riser of steps on 12 mm thick cement plaster 1:3 jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles, all materials, labour, t&p, all taxes of materials etc complete.	sqm	11.15	1152.04	12845.25
12	Providing & laying granite slab over prepared base.	sqm	1.46	2545.60	3716.58


 NMM, Balasore

	Fixing Ceramic tiles in dados,skirting and riser of steps on 12 mm thick cement plaster 1:3 jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles.all materials.labour.t&p.all taxes of materials etc complete.	sqm	2.55	1055.50	2691.53
14	Supplying and fitting and fixing of M.S shutter of approved design including all labour and material etc complete.	Qntl	264.48	144.40	38190.33
15	Painting 2 coats over 1-coat of primer including all labour and material etc complete.	sqm	86.26	187.38	16164.27
16	Dismantling & removing doors, windows & ventilators incl. removal of frame etc. as per item no. 18 of A/R page-219.	sqm	5.57	311.90	1737.28
17	Distemping 2 coats to wall distemper of approved shade with a coat of primer etc complete.(FF)	sqm	325.29	117.00	38058.93
18	Wall painting 2 coat with Weather coat of approved shade to give an even shade including cost of paint.	sqm	190.52	134.10	25548.73
19	Scraping plaster in cement plaster from brick / stone work including disposal as per item no. 25 of A/R page-203.	sqm	190.52	15.90	3029.27
20	S&F 4mm plain glass with cost of nail ,screws etc. complete to shape as per direction of Engineer in charge.	sqm	1.49	515.85	768.62
21	Branding for HWC as per specification in outer plaster surface including all complete	Sqft	509.52	50.00	25475.90
22	2.5 cm grading concrete (1:2:2) on roof slab in ground floor with two coats of polymer paint & 2% water proofing compound refer item no.17 of A/R page- 47 .	Sqft	19.16	377.80	7236.65
23	Finishing wall surface of wall with cement based wall putty (water based) & finished smooth to receive paint	Sqft	96.17	65.80	6327.99
24	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)	Nos	1.00		2176.70
				2,176.70	

Behm
30/11/14

Assistant Engineer
NHM, Balasore

B02-30/03

	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.-- 110 mm dia U-PVC Pipes (4 Kgf/Cm2)				470.23
26	110 mm dia U-PVC P' Trap	Mtr	2.16	217.70	
27	110 mm dia U-PVC Door cross Tee	Nos	2	299.70	599.40
28	110 mm dia U-PVC Door Bend	No	1	350.30	350.30
29	110 mm dia U-PVC Plain Bend	Nos	1	204.70	204.70
30	110 mm dia U-PVC Cowl	Nos	1	147.00	147.00
31	110 mm dia U-PVC Offset	Nos	1	77.30	77.30
32	125 mm dia C.P grating	Nos	1	180.50	180.50
33	75 mm dia U-PVC Pipes (4 Kgf/Cm2)	Nos	2	69.60	139.20
34	75 mm dia U-PVC Plain bend	Mtr	1.00	128.60	128.60
35	75 mm dia U-PVC Door Bend	Nos	1	93.00	93.00
36	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)	No	1	122.90	122.90
37	Supplying all materials, labour T&P and fixing standard size C.P. towel rail / ring complete with c.p. brass brackets fixed to wooden plugs with c.p screws as per P.H specification and direction of E.I.C. -- 25 mm x 600 mm long C.P Towel rail	Nos		611.80	611.80
38	C.P. Towel Ring (St.)	Nos	1.00	427.20	427.20
39	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.	Nos	1.00	268.90	268.90
40	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)	Mtr	2.00	1,077.80	2155.60
41	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]	Mtr	1.50	95.50	143.25
42	25mm dia HDPE Pipe [External including E/W]	Mtr	1.50	89.57	134.36

Handwritten Signature
Assistant Engineer
NHM, Balasore

BOA-30/04

	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/Cera/ Parry ware/ Hindware)	Nos	1.00	1568.80	1568.80
44	Recessed wiring to light point with 1.5sqmm FR PVC insulated single core multistrand copper conductor of ISI marked with 20mm dia non-metallic PVC flexible conduit with 5Amp 250V piano type switch ISI marked and ceiling rose ISI Marked mounted on MS box having front bakelite cover of suitable size MS box with 1.5 sq mm FR PVC insulated single core multistrand copper conductor and earth wire including all accessories and connection as per direction of engineer in charge (Make of wire = Finollex/L & T/ Anchor/Havels/ V-Guard) (deducting the cost of S/F of 100mmx100mmx60mm MS Box with bakelite cover - 1 no)	Point	3	290.87	872.61
45	-do- Light point Group A (1.1.1-1.24.2)	Point	2	502.79	1005.52
46	-do- Fan point Group B (1.1.2-1.24.2)	Point	1	767.38	767.38
47	S/F of 18-25 watt LED Tube light fitting complete with all connection including fixing and all accessories as per direction of Engineer-in-charge (Make Havels/ Philips/Crompton/Polycab/PAC/HPL)	Each	7	657.00	4599.00
48	S/F of 9W LED bulb (Make Havels/ Philips/Crompton/Polycab/PAC/HPL)	Each	8	167.58	1340.64
49	Supply & Fixing of 48" A.C ceiling fan without regulator including numbering of reputed mark including all connectors (Make Lisha-Striker One-Neo/ Crompton-Riviera highspeed/Havels-Samrat Anchor-Perita Turbo/Orient-Summer King/Breeze)	Each	1.00	2094.00	2094.00
50	S/F of electric step ceiling fan regulator in existing switch box including connection with 1.5sqmm FR PVC insulated single core multistrand copper conductor earthing the regulator as required (1.38)	Each	2.00	284.17	568.34
51	S/F of batten holder BK angle holder ISI marked including connection etc instead of ceiling rose (1.29-1.28)	Each	6	14.68	88.08
52	S/F of 5 amp switch and 5A socket outlet of ISI marked on existing board (1.25.1 & 1.25.4)	Each	8.00	83.14	665.12

243170.53

Say 243171.00

TOTAL 52(Fifty two) Items only

My/ our quoted rate is.....% Excess over /

Less than / equal to the estimated cost of Rs. 243171.00

(Rate to be quoted both figure & word)

Signature of Contractor

Sold on payment of Rs. /- (Rupees

) Only

towards cost of tender paper with VAT vide M.R.No. _____ dt. _____

Abhishek
30/11/24
Assistant Engineer
NHM, Balasore

[Signature]
20/11/24 **APPROVED**
C.D.M. & P.H.O.
Balasore