

TENDER SCHEDULE

Name of the work		New Construction of Multiutility Room at Gandibed PHC			
Estimated cost		624817.00			
E.M.D. to be deposited		1 % of Estimated cost			
Cost of tender paper		Rs-4000.00			
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.	21.37	Cum	184.59	3945.38
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.	30.95	Cum	730.77	22614.51
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.	6.16	Cum	4452.00	27424.71
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	3.54	Cum	4744.10	16800.84
4-b	Plinth beam	2.54	Cum	5105.23	12990.51
4-c	Column	2.18	Cum	11874.76	25940.49
4-d	Lintel	0.99	Cum	8304.45	8246.11
4-e	Chajja	3.90	Sqm	771.26	3009.37
4-f	Wall beam	1.35	Cum	11874.76	16031.43
4-g	<i>slab</i>	4.73	Cum	8888.90	42048.58
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.	15.53	Qntl	7028.43	109128.12

Done S. K. (11)

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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 <u>direction of the Engineer-in-charge.</u>				
6-a	Foundation	5.09	Cum	4534.97	23078.91
6-b	Superstructure	19.30	Sqm	4568.30	88172.94
7	A/R-P 109/item No.26:6mm thick Cement plaster (1:4) finished smooth per 1 Sqm. including curing etc. complete.(1st floor)	36.20	Sq.m	128.59	4655.46
8	16mm thick Cement plaster (1:6) over brickwork including curing etc. complete.	101.00	Sq.m	197.21	19919.38
9	12mm thick Cement plaster (1:6) for brickwork including curing etc. complete.	103.25	Sq.m	138.79	14329.91
10	A/R-P 93/item No.1:Priming 1-coat with any approved primer including all labour etc complete.B159	240.46	Sq.m	57.59	13847.20
11	Distempering 2-coat to walls with distemper of approved shade on old/new work to give on even shade excluding cost of distemper.	137.21	Sq.m	62.96	8639.19
12	A/R-P-99/item no.20:- Finishing wall surface with weather coat painting 2 coat to the new surfaces of walls with all cost. (Data for 10Sqm.)	103.25	Sq.m	70.71	7300.63
13	Painting 1-coat with any approved primer including oil labour etc complete.	8.27	Sq.m	133.00	1099.69
14	Window grill in mild steel refer item no.2 of A/R page- 224 .	162.00	Kg	57.88	9376.73
15	M.S.door and window in mild steel refer item no.2 of A/R page- 224 .	309.00	Kg	113.89	35191.27
16	Other building item no.1(b) of /S/R-2012: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)	32.45	Sqm	1174.63	38112.21
	P.H. work and Internal fittings				
17	Supplying all materials, labour T&P and fixing Ceramic tiles in floors on 25mm thick bed of cement mortar (1:1) joined 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 TIC	7.38	Sqm	709.04	5230.82
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.	13.64	Sqm	736.88	10047.92

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19	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.	9.90	Mtr	340.80	3373.92
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 55mm. 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)	2.67	Sqm	2283.10	6084.46
21	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
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) W.C. with 'S'/'P' trap Plain(Neycer/Cerra/ Parry ware/ Hindware)	1.00	No	2303.90	2303.90
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)	15.00	Mtr	206.00	3090.00
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	1	Nos	267.00	267.00
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	3	Nos	180.50	541.50
30	110 mm dia U-PVC Cowl	2	Nos	77.30	154.60
31	125 mm dia C.P.grating	2	Nos	68.30	136.60
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

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33	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
34	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 [Neycer/CerraParrywear/Hindware]	1	Nos	1,826.10	1826.10
35	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	2	Nos	176.60	353.20
36	375 mm thick wall	1	Nos	224.90	224.90
37	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)	6.00	Mtr	1,058.90	6353.40
38	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]	10.00	Mtr	94.50	945.00
39	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.	4	Nos	47.50	190.00
40	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
41	15 mm dia C .P Angle Stop Cock[Essco/Plaza/Amber/ Aquatic]	3	Nos	711.80	2135.40
42	Supplying all materials, labour T&P and fitting & fixing 10 litres capacity low level cistern with a pair of cast iron of nuts 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)	1	Nos	1,567.20	1567.20

Wm S. S. S. (11)

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Electrification					
43	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.				
44	.....do..... Group A (1.2.1-1.24.2)	4	Point	287.85	1151.40
45	.....do..... Group B (1.2.1-1.24.2)	4	Point	498.73	1994.92
46	Recessed wiring with fan point Group-B	4	Point	498.73	1994.92
47	S/F of metal box pf 150mmx75mmx60mm deep(Nominal size) etc all	4	each	192.84	771.36
48	S/F of 5amp switch and 5 amp socket outlet etc all	4	each	83.14	332.56
49	S/F of metal box pf 180mmx100mmx60mm deep(Nominal size) etc all	4	each	263.88	1055.52
50	PVC insulated single core multistandard copper conductor of ISI mark (ISI mark to Hevells,V guard L&T Finolex)	4			0.00
51	.....do..... 2x1.5sqmm+1x1.5sqmm(1.8.1)	4	PM	120.11	480.44
52	.....do..... 2x2.5sqmm+1x1.5sqmm(1.8.2)	4	PM	134.06	536.24
53	.....do..... 2x1.4sqmm+1x1.5sqmm(1.8.3)	4	PM	151.44	605.76
54	Supply instation testing and commissioning main	4			0.00
55	Holder BK angle	4	each	14.68	58.72
56	soldering of GI wire	1	PM	47.68	47.68
57	Fitting and fixing of ceiling fan	2	each	2500	5000.00
58	Fan regulator in existing switch board etc all.	2	each	280.82	561.64
59	Supply instation testing and commissioning 10watt	5	each	167.58	837.90
Total					624816.54
				Say	624817.00

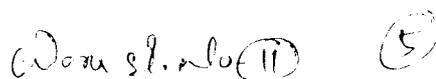
My / our Quoted rate is (in figure) % (in words)Percent
Excess over / Less than / equal to / the above estimated cost.

Signature of Contractor

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



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



BILL OF QUANTITIES

Name of the work:-

**"New construction of Multiutility Room at Oupada PHC(N)
under Oupada block for the year 2020-21"**

Tender Call Notice No :-
 Approx. Estimated Cost :- **1625010.00**
 E.M.D. to be deposited :- **1% of estimated cost.**
 Cost of Tender Paper :- **Rs. 4000/-**
 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	RCC wok of M-20 grade with 20mm downgraded size hard granite chips including hoisting and laying				
1(a)	Column	Cum	1.53	13054.63	19973.58
1(b)	Lintel	Cum	1.47	10517.68	15460.99
1(c)	Chajja	sqm	8.87	908.89	8061.85
1(d)	Beam	Cum	2.06	13054.63	26892.54
1(e)	Roof slab	Cum	4.44	11218.94	49812.09
2	Labour for cutting, bending, shifting to site, tying and placing in position HYSD Bar etc. complete. (in Ground	qtl	9.27	6719.59	62290.60
3	Fly ash Brick work (1:6) in superstructure including all labour and material etc complete.	Cum	19.99	4747.90	94910.52
4	2.5cm thick cement plaster with C:C (1:2:2) including watering and	sqm	44.22	290.70	12854.75
5	16mm thick cement plaster in C.M (1:6) including all labour and material etc complete.	sqm	101.97	202.85	20684.61
6	6mm thick cement plaster in C.M (1:4) including all labour and material etc complete.	sqm	32.98	159.43	5258.00
7	12mm thick cement plaster in C.M (1:6) including all labour and material etc complete.	sqm	124.67	144.89	18063.44
8	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	31.58	1226.75	38740.77
9	Fixing ceramic tiles in dados, treads or steps and landing on 12mm thick bed of c.m. 1:3 jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing	sqm	20.62	1043.79	21522.95
10	Fixing ceramic tiles in floors, treads or steps and landing on 25mm thick bed of c.m. 1:1 jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing	sqm	4.92	1010.92	4973.73
11	Supplying and fitting and fixing of M.S grill of approved design including all labour and material etc complete.	kg	49.00	114.32	5601.68
12	Supplying and fitting and fixing of M.S shutter of approved design including all labour and material etc complete.	kg	202.50	59.74	12097.35

WORK SL. NO - (12) page No. (1)

13	Supplying, fitting, fixing up window(sliding type) made up aluminium section 151-154, 151-155, as window frame section No 151-155, 151-153 and 151-167 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement and all fittings, cost of material, labour taxes, T & P etc complete as per direction of Engg-In-Charge.	sqm	7.52	5577.36	41941.75
14	Painting 2 coats over 1-coat of primer including all labour and material etc complete.	sqm	30.94	238.84	7389.71
15	Distemping 2 coats to wall distemper of approved shade with a coat of primer etc complete.	sqm	128.50	146.93	18880.51
16	Wall painting 2 coat with Weather coat of approved shade to give an even shade including cost of paint.	sqm	132.28	147.37	19494.10
17	Making design of templates local craft, design and illustration etc complete including all labour and material etc complete.	sft	399.00	50.00	19950.00
18	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)				
19	2 x 0.68 x 2.05=	sqm	2.72	2283.10	6210.03
20	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)	no	1.00	2832.50	2832.50
21	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.-- E.W.C. with 'S' trap Plain(Neycer/Cerra/ Parry ware/ Hindware)	no	1.00	2310.10	2310.10
22	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)	no	1.00	611.60	611.60
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	5.30	217.70	1153.81

24	110 mm dia U-PVC P' Trap	Nos	5.00	299.70	1498.50
25	110 mm dia U-PVC Door cross Tee	Nos	1.00	350.30	350.30
26	110 mm dia U-PVC Door Bend	Nos	3.00	204.70	614.10
27	110 mm dia U-PVC Plain Bend	Nos	1.00	147.00	147.00
28	110 mm dia U-PVC Cowl	Nos	1.00	77.30	77.30
29	110 mm dia U-PVC Offset	Nos	1.00	180.50	180.50
30	125 mm dia C.P.grating	Nos	3.00	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	1.00	93.00	93.00
33	75 mm dia U-PVC Door Bend	Nos	1.00	122.90	122.90
34	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	Nos	1.00	174.80	174.80
35	375 mm thick wall	Nos	4.00	222.40	889.60
36	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)	Nos	1.00	2660.10	2660.10
37	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	699.90	699.90
38	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				
39	C.P. Towel Ring (St.)	Nos	1.00	427.20	427.20
40	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	3.00	268.90	806.70
41	Supplying all materials, labour T&P and constructing Inspection chamber of the following sizes with c.c (1:3:6) using 40mm size h.g. metal on bed, 1st class Fly Ash brickwork in c.m (1:6), moulding and shaping the channel inside and benching with c.c. (1:11/2:3) using 12mm size h.g. chips 12mm thick c.p. (1:3) with punning to inside cement flush pointing (1:3) to outside R.C.C. cover slab in c.c. (1:11/2:3) using 12 mm size h.g. chips with R.C.C. m.h. cover, e.w. in excavation in all kinds of soil and refilling the cavity arround the chamber including watering, curing, conveyance of all materials to site payment of royalty, taxes etc. all complete as per approved specification and direction of the E.I.C. Inside size 760mm x 760mm x 460mm I.C.	Nos	1.00	7700.10	7700.10

WORK SL. No - (2) page No. (3)

42	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	1077.80	2155.60
43	Supplying all materials, labour T&P and constructing soak way pit of the following sizes with dry brick walling form bottom up to invert of inlet pipe and 1st class Fly Ash brickwork in c.m(1:6) for the remaining height at top, 12 mm thick c.p(1:4) inside and outside over masonry brickwork gravel packing in the rear of well steining R.C.C. cover slab in c.c (1:11/2:3) using 12mm size h.g. chips fitted with iron lifting handles including e.w. in open well excavation in stoney earth and refilling the cavity around the pit & painting the iron works, watering , curing, conveyance of all materials to worksite, payment of royalty, taxes etc. all complete as per approved drawing, specification and direction of E.I.C.- 1.20mtrs.dia x 2.0mtr.deep soak way pit	Nos	1.00	14836.00	14836.00
44	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	5.00	95.50	477.50
45	25mm dia HDPE Pipe [External Including E/W]	Mtr	30.00	89.57	2687.10
46	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.	Nos	4.00	47.80	191.20
47	Supplying all materials, labour, T&P and cutting grooves in pucca floors and walls for taking G.I./P.V.C. pipes and making good the damages as per direction of the E.I.C.	Mtr	5.00	162.40	812.00
48	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 [Jaquar]	Nos	2.00	939.30	1878.60
49	15 mm dia C .P L.B. Bib Cock [Jaquar]	Nos	2.00	1160.80	2321.60
50	15 mm dia C .P Angle Stop Cock [Jaquar]	Nos	3.00	781.90	2345.70
51	15 mm dia C .P Pillar Cock with long neck [Jaquar]	Nos	1.00	1296.00	1296.00
52	15mm dia C.P. Two Way Bib cock [Jaquar]	Nos	1.00	1013.10	1013.10
53	15mm dia C.P. Health Faucet [Jaquar]	Nos	1.00	1308.40	1308.40
54	15 mm dia C .P Extension Piece	Nos	7.00	58.70	410.90
55	25 mm dia PVC F.W.V[Good Quality]	Nos	1.00	557.70	557.70

56	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	Nos	2.00	1568.80	3137.60
57	Recessed wiring to light point with 1.5sqmm FR PVC insulated 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 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)				
58	-do- Light point Group A (1.1.1-1.24.2)	Point	9	290.87	2617.83
59	-do- Light point Group B (1.1.1-1.24.2)	Point	1	502.76	502.76
60	-do- Fan point Group B (1.1.2-1.24.2)	Point	2	502.76	1005.52
61	-do- Ex-Fan point Group B (1.1.3-1.24.2)	Point	2	767.38	1534.76
62	S/F of 16/18 SWG metal box of following sizes (Nominal size) in recess with suitable size of phenolic laminated sheet cover in front including cutting the wall and making good the same in case of Recessed conduit as required.				
63	-do-200mmx150mmx60mm deep(1.24.7)	Each	4	165.29	661.16
64	S/F of 5 amp switch and 5A socket outlet of ISI marked on existing board (1.25.1 & 1.25.4)	Each	2	83.14	166.28
65	S/F of metal box of 180mm x 100mmx 60mm deep (Nominal size) in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 5pin 15/16 amp. socket outlet & 15/16 amp. piano type switch, connection, painting etc as required (1.27)	Each	1	263.88	263.88
66	Wiring for circuit / sub main wiring alongwith earth wire with following sizes of PVC insulated single core multistrand copper conductor with ISI marked conforming to IS- 694/1990 in 20mm dia non metallic heavy duty flexible conduit 1.6mm in recessed PVC conduit as required (Make of wire- Finollex/ L & T /Anchor/ Havels/V-guard).				
67	-do-2x2.5sqmm +1x1.5sqmm (1.8.2)	Mtr.	30	134.06	4021.80
68	-do- 2x4sqmm +1x1.5sqmm (1.8.3)	Mtr.	10	151.44	1514.40
69	Supply, Installation testing and commissioning of 63 Amp. IC DP Main Switches (IS13940 part 3/1993) with supply of metal box of following capacity on existing surface/Wall mounting & complete with H.R.C fuse links, inter connections earthing etc as required as per direction of Engineer incharge(Make-Anchor) (2.15.1)	Each	1	2060.55	2060.55
70	250mmx300mmx100mm deep(1.24.13) for fixing 63Amp IC DP Main switch.	Each	1	274.07	274.07
71	S/F of 'B' series SP MCB of 5A to 32 Amp rating 240Volt "B" series MCB for lighting and other loads in the existing MCB Distribution board ISI marked complete with connection, testing and commissioning etc. as required single pole (SP)(2.6.1)	Each	3	127.50	382.50

72	S/F of following 4way single pole and neutral sheet steel MCB DISTRIBUTION BOARD 250v on surface /recess complete with tinned copper bus bar, neutral bar, earth bar, din bar ,detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required (except MCB) 2.3.1.	Each	1	848.90	848.90
73	S/F of batten holder BK angle holder ISI marked including connection etc instead of ceiling rose (1.29-1.28)	Each	5	14.68	73.40
74	Earthing with G.I. earth pipe 3 metre long 40 mm dia ISI marked including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal and salt as required.(3.2)	Each	1	2380.85	2380.85
75	Supply and laying 6 SWG G.I wire in recess for loop earthing as required (3.18)	Mtr.	7	47.68	333.76
76	Supply & Fixing of 48" A.C. ceiling fan without regulator incudig 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	2	2103.00	4206.00
77	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	284.17	568.34
78	S/F of Fan hok S'type made of 16mm MS rod as per specificationn	Each	2	204.00	408.00
79	Supply, Installation,Testing and Commissioning of Exhaust fan of 225mm sweep in the existing opening,including making the hole to suit the size of the above fan making good the damaged complete, connection, etc as required. (Make- USHA Turbojet)	Each	2	2078.61	4157.22
80	S/F of 32-35 watt LED street light fitting complete with all connection.\ including fixing of bracket and all accessories as per direction of Engineer-In-charge (Make: Havels /Phillps /Crompton/Polycab/PAC/HPL)	Each	1	3380.00	3380.00
81	S/F of 18-25 watt LED Tube light fitting compoete with all connection.\ including fixing and all accessories as per direction of Engineer-In-charge (Make: Havels /Phillps /Crompton/Polycab/PAC/HPL)	Each	4	657.00	2628.00
82	S/F of 9W LED bulb (Make: Havels /Phillps /Crompton/Polycab/PAC/HPL)	Each	5	167.58	837.90

Total 625009.84

Say 625010.00

TOTAL 84(Eighty two) Items only

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

Less than / equal to the estimated cost of Rs. 625010.00

(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. _____

 **APPROVED**

**Chief District Medical & PHO
Balasore**

WORK SL. No - (12) page No. (6)

BILL OF QUANTITIES

Name of the work:-

**"New Construction of Multiutility Room at Bedipur PHC(N
under Remuna block in the district Balasore for 2020-21"**

Tender Call Notice No :-
 Approx. Estimated Cost :- **Rs. 624997.00**
 E.M.D. to be deposited :- **1% of estimated cost.**
 Cost of Tender Paper :- **Rs. 4000/-**
 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	Labour for cutting, bending, shifting to site, tying and placing in position HYSD Bar etc. complete. (in Ground	qtl	15.11	5073.72	76663.91
2	Earthwork in excavation in of foundation in hard soil including rough dressing and levelling the bed etc complete	Cum	11.38	184.60	2100.75
3	Filling foundation and plinth with sand well watered and rammed etc complete	Cum	12.59	504.92	6356.94
4	Cement concrete (1:3:6) with 4 cm size metal etc. comp.	Cum	5.83	4477.13	26101.67
5	Cement concrete (1:2:4) with nominal stone aggregate etc complete.	Cum	2.84	5789.91	16443.34
6	RCC wok of M-20 grade with 20mm downgraded size hard granite chips including hoisting and laying				
6(a)	column base	Cum	3.39	4833.53	16385.67
6(b)	Grade beam in	Cum	2.81	5194.48	14596.49
6(c)	Column	Cum	1.82	10506.12	19121.14
6(e)	Lintel	Cum	1.43	8391.99	12000.55
6(f)	Chajja	Cum	7.16	733.74	5253.58
6(c)	Beam	Cum	2.10	10506.12	22062.85
6(g)	Roof slab	Cum	4.96	8976.38	44522.84
7	Fly ash Brick work (1:6) in superstructure including all labour and material etc complete.	Cum	18.92	4475.92	84684.41
8	20mm thick cement plaster with c.m (1:4) including watering and	Cum	49.35	214.48	10584.59
9	16mm thick cement plaster in C.M (1:6) including all labour and material etc complete.	sqm	98.24	194.14	19072.31
10	12mm thick cement plaster in C.M (1:6) including all labour and material etc complete.	sqm	103.28	136.25	14071.90
11	Fixing ceramic tiles in floors, treads or steps and landing on 25mm thick bed of c.m. 1:1 jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of	sqm	4.28	986.57	4222.52
12	Fixing ceramic tiles in dados, treads or steps and landing on 12mm thick bed of c.m. 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	sqm	20.88	1040.20	21719.38
13	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	36.37	1202.39	43730.92

14	12mm thick cement plaster in C.M (1:4) including all labour and material etc complete.	sqm	7.45	152.54	1136.42
15	6mm thick cement plaster in C.M (1:4) including all labour and material etc complete.	sqm	37.35	151.46	5657.03
16	Supplying and fitting and fixing of M.S grill of approved design including all labour and material etc complete.	kg	105.50	114.32	12060.76
17	Supplying and fitting and fixing of M.S shutter of approved design including all labour and material etc complete.	kg	202.50	59.74	12097.35
18	Painting 2 coats over 1-coat of primer including all labour and material etc complete.	kg	25.82	193.75	5002.63
19	Distempering 2 coats to wall distemper of approved shade with a coat of primer etc complete.	sqm	139.82	117.05	16365.93
20	Wall painting 2 coat with Weather coat of approved shade to give an even shade including cost of paint.	sqm	99.50	128.91	12826.55
	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)				
21	2 x 0.68 x 2.05=	sqm	2.72	2283.10	6210.03
22	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)	no	1.00	2832.50	2832.50
23	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-- E.W.C. with 'S' trap Plain(Neycer/Cerra/ Parry ware/ Hindware)	no	1.00	2310.10	2310.10
24	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)	no	1.00	611.60	611.60
25	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	5.30	217.70	1153.81
26	110 mm dia U-PVC P' Trap	Nos	5.00	299.70	1498.50
27	110 mm dia U-PVC Door cross Tee	Nos	1.00	350.30	350.30
28	110 mm dia U-PVC Door Bend	Nos	3.00	204.70	614.10
29	110 mm dia U-PVC Plain Bend	Nos	1.00	147.00	147.00

30	110 mm dia U-PVC Cowl	Nos	1.00	77.30	77.30
31	110 mm dia U-PVC Offset	Nos	1.00	180.50	180.50
32	125 mm dia C.P. grating	Nos	3.00	69.60	208.80
33	75 mm dia U-PVC Pipes (4 Kgf/Cm2)	Mtr	1.00	128.60	128.60
34	75 mm dia U-PVC Plain bend	Nos	1.00	93.00	93.00
35	75 mm dia U-PVC Door Bend	Nos	1.00	122.90	122.90
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	Nos	1.00	174.80	174.80
37	375 mm thick wall	Nos	4.00	222.40	889.60
38	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)	Nos	1.00	2660.10	2660.10
39	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	699.90	699.90
40	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	1.00	427.20	427.20
41	C.P. Towel Ring (St.)	Nos	1.00	427.20	427.20
42	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	3.00	268.90	806.70
43	Supplying all materials, labour T&P and constructing Inspection chamber of the following sizes with c.c (1:3:6) using 40mm size h.g. metal on bed, 1st class Fly Ash brickwork in c.m (1:6), moulding and shaping the channel inside and benching with c.c. (1:11/2:3) using 12mm size h.g. chips 12mm thick c.p. (1:3) with punning to inside cement flush pointing (1:3) to outside R.C.C. cover slab in c.c. (1:11/2:3) using 12 mm size h.g. chips with R.C.C. m.h. cover, e.w. in excavation in all kinds of soil and refilling the cavity arround the chamber including watering, curing, conveyance of all materials to site payment of royalty, taxes etc. all complete as per approved specification and direction of the E.I.C. Inside size 760mm x 760mm x 460mm I.C.	Nos	1.00	7700.10	7700.10

44	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	1077.80	2155.60
45	Supplying all materials, labour T&P and constructing soak way pit of the following sizes with dry brick walling form bottom up to invert of inlet pipe and 1st class Fly Ash brickwork in c.m(1:6) for the remaining height at top, 12 mm thick c.p(1:4) inside and outside over masonry brickwork gravel packing in the rear of well steining R.C.C. cover slab in c.c (1:11/2:3) using 12mm size h.g. chips fitted with iron lifting handles including e.w. in open well excavation in stoney earth and refilling the cavity around the pit & painting the iron works, watering , curing, conveyance of all materials to worksite, payment of royalty, taxes etc. all complete as per approved drawing, specification and direction of E.I.C.- 1.20mtrs.dia x 2.0mtr.deep soak way pit	Nos	1.00	14836.00	14836.00
46	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	5.00	95.50	477.50
47	25mm dia HDPE Pipe [External Including E/W]	Mtr	30.00	89.57	2687.10
48	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.	Nos	4.00	47.80	191.20
49	Supplying all materials, labour, T&P and cutting grooves in pucca floors and walls for taking G.I./P.V.C. pipes and making good the damages as per direction of the E.I.C.	Mtr	5.00	162.40	812.00
50	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 [Jaquar]	Nos	2.00	939.30	1878.60
51	15 mm dia C .P L.B. Bib Cock [Jaquar]	Nos	2.00	1160.80	2321.60
52	15 mm dia C .P Angle Stop Cock [Jaquar]	Nos	3.00	781.90	2345.70
53	15 mm dia C .P Pillar Cock with long neck [Jaquar]	Nos	1.00	1296.00	1296.00
54	15mm dia C.P. Two Way Bib cock [Jaquar]	Nos	1.00	1013.10	1013.10
55	15mm dia C.P. Health Faucet [Jaquar]	Nos	1.00	1308.40	1308.40
56	15 mm dia C .P Extension Piece	Nos	7.00	58.70	410.90
57	25 mm dia PVC F.W.V[Good Quality]	Nos	1.00	557.70	557.70

58	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	Nos	2.00	1568.80	3137.60
59	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 100mmx 100mmx60mm M.S.Box with bakelite cover - 1 no)				
60	-do- Light point Group A (1.1.1-1.24.2)	Point	9	290.87	2617.83
61	-do- Light point Group B (1.1.1-1.24.2)	Point	1	502.76	502.76
62	-do- Fan point Group B (1.1.2-1.24.2)	Point	2	502.76	1005.52
63	-do- Ex-Fan point Group B (1.1.3-1.24.2)	Point	2	767.38	1534.76
64	S/F of 16/18 SWG metal box of following sizes (Nominal size) in recess with suitable size of phenolic laminated sheet cover in front including cutting the wall and making good the same in case of Recessed conduit as required.				
65	-do-200mmx150mmx60mm deep(1.24.7)	Each	4	165.29	661.16
66	S/F of 5 amp switch and 5A socket outlet of ISI marked on existing board (1.25.1 & 1.25.4)	Each	2	83.14	166.28
67	S/F of metal box of 180mm x 100mm x 60mm deep (Nominal size) in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 5pin 15/16 amp. socket outlet & 15/16 amp. piano type switch, connection, painting etc as required (1.27)	Each	1	263.88	263.88
68	Wiring for circuit / sub main wiring alongwith earth wire with following sizes of PVC insulated single core multistrand copper conductor with ISI marked conforming to IS- 694/1990 in 20mm dia non metallic heavy duty flexible conduit 1.6mm in recessed PVC conduit as required (Make of wire- Finollex/ L & T /Anchor/ Havels/V-guard).				
69	-do-2x2.5sqmm +1x1.5sqmm (1.8.2)	Mtr.	30	134.06	4021.80
70	-do- 2x4sqmm +1x1.5sqmm (1.8.3)	Mtr.	10	151.44	1514.40
71	Supply, Installation testing and commissioning of 63 Amp. IC DP Main Switches (IS13940 part 3/1993) with supply of metal box of following capacity on existing surface/Wall mounting & complete with H.R.C fuse links, inter connections earthing etc as required as per direction of Engineer Incharge(Make-Anchor) (2.15.1)	Each	1	2060.55	2060.55
72	250mmx300mmx100mm deep(1.24.13) for fixing 63Amp IC DP Main switch.	Each	1	274.07	274.07
73	S/F of 'B' series SP MCB of 5A to 32 Amp rating 240Volt "B" series MCB for lighting and other loads in the existing MCB Distribution board ISI marked complete with connection, testing and commissioning etc. as required single pole (SP)(2.6.1)	Each	3	127.50	382.50

74	S/F of following 4way single pole and neutral sheet steel MCB DISTRIBUTION BOARD 250v on surface /recess complete with tinned copper bus bar, neutral bar, earth bar, din bar ,detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required (except MCB) 2.3.1.	Each	1	848.90	848.90
75	S/F of batten holder BK angle holder ISI marked including connection etc instead of ceiling rose (1.29-1.28)	Each	5	14.68	73.40
76	Earthing with G.I. earth pipe 3 metre long 40 mm dia ISI marked including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal and salt as required.(3.2)	Each	1	2380.85	2380.85
77	Supply and laying 6 SWG G.I wire in recess for loop earthing as required (3.18)	Mtr.	7	47.68	333.76
78	Supply & Fixing of 48" A.C. ceiling fan without regulator incudig numbering of reputed mark including all connections (Make:Usha-Striker One/Neo/ Crompton-Riviera highspped/Havells-Samrat/ Anchor-Penta Turbo/ Orient-Summer king/ Breeze)	Each	2	2103.00	4206.00
79	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	284.17	568.34
80	S/F of Fan hok S'type made of 16mm MS rod as per specifcationn	Each	2	204.00	408.00
81	Supply, Installation,Testing and Commissioning of Exhaust fan of 225mm sweep in the existing opening,including making the hole to suit the size of the above fan making good the damaged complete, connection, etc as required. (Make- USHA Turbojet)	Each	2	2078.61	4157.22
82	S/F of 32-35 watt LED street light fitting complete with all connection.\ including fixing of bracket and all accessories as per direction of Engineer-In-charge (Make: Havels /Phillps /Crompton/Polycab/PAC/HPL)	Each	1	3380.00	3380.00
83	S/F of 18-25 watt LED Tube light fitting compoete with all connection.\ including fixing and all accessories as per direction of Engineer-In-charge (Make: Havels /Phillps /Crompton/Polycab/PAC/HPL)	Each	4	657.00	2628.00
84	S/F of 9W LED bulb (Make: Havels /Phillps /Crompton/Polycab/PAC/HPL)	Each	5	167.58	837.90

Total 624996.74

Say 624997.00

TOTAL 84(Eighty four) Items only

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

Less than / equal to the estimated cost of Rs. 624997.00

(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.

 APPROVED

Chief District Medical & PHO

Balasure

WORK SL. No. (13) page No. (6)

74	S/F of following 4way single pole and neutral sheet steel MCB DISTRIBUTION BOARD 250v on surface /recess complete with tinned copper bus bar, neutral bar, earth bar, din bar ,detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required (except MCB) 2.3.1.	Each	1	848.90	848.90
75	S/F of batten holder BK angle holder ISI marked including connection etc instead of ceiling rose (1.29-1.28)	Each	5	14.68	73.40
76	Earthing with G.I. earth pipe 3 metre long 40 mm dia ISI marked including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal and salt as required.(3.2)	Each	1	2380.85	2380.85
77	Supply and laying 6 SWG G.I wire in recess for loop earthing as required (3.18)	Mtr.	7	47.68	333.76
78	Supply & Fixing of 48" A.C. ceiling fan without regulator includig numbering of reputed mark including all connections (Make:Usha-Striker One/Neo/ Crompton-Riviera highspped/Havells-Samrat/ Anchor-Penta Turbo/Orient-Summer king/ Breeze)	Each	2	2103.00	4206.00
79	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	284.17	568.34
80	S/F of Fan hok S'type made of 16mm MS rod as per specificationn	Each	2	204.00	408.00
81	Supply, Installation,Testing and Commissioning of Exhaust fan of 225mm sweep in the existing opening,including making the hole to suit the size of the above fan making good the damaged complete, connection, etc as required. (Make- USHA Turbojet)	Each	2	2078.61	4157.22
82	S/F of 32-35 watt LED street light fitting complete with all connection.\ including fixing of bracket and all accessories as per direction of Engineer-In-charge (Make: Havels /Phillps /Crompton/Polycab/PAC/HPL)	Each	1	3380.00	3380.00
83	S/F of 18-25 watt LED Tube light fitting compoete with all connection.\ including fixing and all accessories as per direction of Engineer-In-charge (Make: Havels /Phillps /Crompton/Polycab/PAC/HPL)	Each	4	657.00	2628.00
84	S/F of 9W LED bulb (Make: Havels /Phillps /Crompton/Polycab/PAC/HPL)	Each	5	167.58	837.90
				Total	625004.35
				Say	625004.00

TOTAL 84(Eighty four) Items only

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

Less than / equal to the estimated cost of Rs. 625004.00

(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.

 APPROVED

Chief District Medical & PHO
Balasore

WORK SL. No (14) page No - (6)

58	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	Nos	2.00	1568.80	3137.60
59	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 100mmx 100mmx60mm M.S.Box with bakelite cover - 1 no)				
60	-do- Light point Group A (1.1.1-1.24.2)	Point	9	290.87	2617.83
61	-do- Light point Group B (1.1.1-1.24.2)	Point	1	502.76	502.76
62	-do- Fan point Group B (1.1.2-1.24.2)	Point	2	502.76	1005.52
63	-do- Ex-Fan point Group B (1.1.3-1.24.2)	Point	2	767.38	1534.76
64	S/F of 16/18 SWG metal box of following sizes (Nominal size) in recess with suitable size of phenolic laminated sheet cover in front including cutting the wall and making good the same in case of Recessed conduit as required.				
65	-do-200mmx150mmx60mm deep(1.24.7)	Each	4	165.29	661.16
66	S/F of 5 amp switch and 5A socket outlet of ISI marked on existing board (1.25.1 & 1.25.4)	Each	2	83.14	166.28
67	S/F of metal box of 180mm x 100mm x 60mm deep (Nominal size) in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 5pin 15/16 amp. socket outlet & 15/16 amp. piano type switch, connection, painting etc as required (1.27)	Each	1	263.88	263.88
68	Wiring for circuit / sub main wiring alongwith earth wire with following sizes of PVC insulated single core multistrand copper conductor with ISI marked conforming to IS- 694/1990 in 20mm dia non metallic heavy duty flexible conduit 1.6mm in recessed PVC conduit as required (Make of wire- Finollex/ L & T /Anchor/ Havels/V-guard).				
69	-do-2x2.5sqmm +1x1.5sqmm (1.8.2)	Mtr.	30	134.06	4021.80
70	-do- 2x4sqmm +1x1.5sqmm (1.8.3)	Mtr.	10	151.44	1514.40
71	Supply, Installation testing and commissioning of 63 Amp. IC DP Main Switches (IS13940 part 3/1993) with supply of metal box of following capacity on existing surface/Wall mounting & complete with H.R.C fuse links, inter connections earthing etc as required as per direction of Engineer Incharge(Make-Anchor) (2.15.1)	Each	1	2060.55	2060.55
72	250mmx300mmx100mm deep(1.24.13) for fixing 63Amp IC DP Main switch.	Each	1	274.07	274.07
73	S/F of 'B' series SP MCB of 5A to 32 Amp rating 240Volt "B" series MCB for lighting and other loads in the existing MCB Distribution board ISI marked complete with connection, testing and commissioning etc. as required single pole (SP)(2.6.1)	Each	3	127.50	382.50

44	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	1077.80	2155.60
45	Supplying all materials, labour T&P and constructing soak way pit of the following sizes with dry brick walling form bottom up to invert of inlet pipe and 1st class Fly Ash brickwork in c.m(1:6) for the remaining height at top, 12 mm thick c.p(1:4) inside and outside over masonry brickwork gravel packing in the rear of well steining R.C.C. cover slab in c.c (1:11/2:3) using 12mm size h.g. chips fitted with iron lifting handles including e.w. in open well excavation in stoney earth and refilling the cavity around the pit & painting the iron works, watering , curing, conveyance of all materials to worksite, payment of royalty, taxes etc. all complete as per approved drawing, specification and direction of E.I.C.- 1.20mtrs.dia x 2.0mtr.deep soak way pit	Nos	1.00	14836.00	14836.00
46	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	5.00	95.50	477.50
47	25mm dia HDPE Pipe [External Including E/W]	Mtr	30.00	89.57	2687.10
48	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.	Nos	4.00	47.80	191.20
49	Supplying all materials, labour, T&P and cutting grooves in pucca floors and walls for taking G.I./P.V.C. pipes and making good the damages as per direction of the E.I.C.	Mtr	5.00	162.40	812.00
50	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 [Jaquar]	Nos	2.00	939.30	1878.60
51	15 mm dia C .P L.B. Bib Cock [Jaquar]	Nos	2.00	1160.80	2321.60
52	15 mm dia C .P Angle Stop Cock [Jaquar]	Nos	3.00	781.90	2345.70
53	15 mm dia C .P Pillar Cock with long neck [Jaquar]	Nos	1.00	1296.00	1296.00
54	15mm dia C.P. Two Way Bib cock [Jaquar]	Nos	1.00	1013.10	1013.10
55	15mm dia C.P. Health Faucet [Jaquar]	Nos	1.00	1308.40	1308.40
56	15 mm dia C .P Extension Piece	Nos	7.00	58.70	410.90
57	25 mm dia PVC F.W.V[Good Quality]	Nos	1.00	557.70	557.70

32	125 mm dia C.P.grating	Nos	3.00	69.60	208.80
33	75 mm dia U-PVC Pipes (4 Kg/Cm ²)	Mtr	1.00	128.60	128.60
34	75 mm dia U-PVC Plain bend	Nos	1.00	93.00	93.00
35	75 mm dia U-PVC Door Bend	Nos	1.00	122.90	122.90
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	Nos	1.00	174.80	174.80
37	375 mm thick wall	Nos	4.00	222.40	889.60
38	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)	Nos	1.00	2660.10	2660.10
39	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	699.90	699.90
40	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				
41	C.P. Towel Ring (St.)	Nos	1.00	427.20	427.20
42	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	3.00	268.90	806.70
43	Supplying all materials, labour T&P and constructing inspection chamber of the following sizes with c.c (1:3:6) using 40mm size h.g. metal on bed, 1st class Fly Ash brickwork in c.m (1:6), moulding and shaping the channel inside and benching with c.c. (1:11/2:3) using 12mm size h.g. chips 12mm thick c.p. (1:3) with punning to inside cement flush pointing (1:3) to outside R.C.C. cover slab in c.c. (1:11/2:3) using 12 mm size h.g. chips with R.C.C. m.h. cover, e.w. in excavation in all kinds of soil and refilling the cavity around the chamber including watering, curing, conveyance of all materials to site payment of royalty, taxes etc. all complete as per approved specification and direction of the E.I.C. Inside size 760mm x 760mm x 460mm I.C.	Nos	1.00	7700.10	7700.10

WORK SL. No - (14) page No - (3)

15	6mm thick cement plaster in C.M (1:4) including all labour and material etc complete.	sqm	37.35	152.63	5700.73
16	Supplying and fitting and fixing of M.S grill of approved design including all labour and material etc complete.	kg	101.50	114.32	11603.48
17	Supplying and fitting and fixing of M.S shutter of approved design including all labour and material etc complete.	kg	200.00	59.74	11948.00
18	Painting 2 coats over 1-coat of primer including all labour and material etc complete.	kg	25.82	193.75	5002.63
19	Distempering 2 coats to wall distemper of approved shade with a coat of primer etc complete.	sqm	139.82	117.05	16365.93
20	Wall painting 2 coat with Weather coat of approved shade to give an even shade including cost of paint.	sqm	101.74	128.91	13115.30
	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)				
21	2 x 0.68 x 2.05=	sqm	2.72	2283.10	6210.03
22	Supplying all materials, labour T&P and fixing water closet, (Orissa pattern squatting pan) duly embeded 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)	no	1.00	2832.50	2832.50
23	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-- E.W.C. with 'S' trap Plain(Neycer/Cerra/ Parry ware/ Hindware)	no	1.00	2310.10	2310.10
24	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)	no	1.00	611.60	611.60
25	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	5.30	217.70	1153.81
26	110 mm dia U-PVC P' Trap	Nos	5.00	299.70	1498.50
27	110 mm dia U-PVC Door cross Tee	Nos	1.00	350.30	350.30
28	110 mm dia U-PVC Door Bend	Nos	3.00	204.70	614.10
29	110 mm dia U-PVC Plain Bend	Nos	1.00	147.00	147.00
30	110 mm dia U-PVC Cowl	Nos	1.00	77.30	77.30
31	110 mm dia U-PVC Offset	Nos	1.00	180.50	180.50

BILL OF QUANTITIES

Name of the work:-

**"New Construction of Multiutility Room at Inchudi PHC(N)
under Remuna block in the district Balasore for 2020-21"**

Tender Call Notice No :-
 Approx. Estimated Cost :- **Rs. 625004.00**
 E.M.D. to be deposited :- **1% of estimated cost.**
 Cost of Tender Paper :- **Rs. 4000/-**
 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	Labour for cutting, bending, shifting to site, tying and placing in position HYSD Bar etc. complete. (in Ground	qtl	15.11	5084.19	76822.11
2	Earthwork in excavation in of foundation in hard soil including rough dressing and levelling the bed etc complete	Cum	13.93	184.60	2571.48
3	Filling foundation and plinth with sand well watered and rammed etc complete	Cum	14.52	611.58	8880.14
4	Cement concrete (1:3:6) with 4 cm size metal etc. comp.	Cum	5.83	4651.05	27115.62
5	Cement concrete (1:2:4) with nominal stone aggregate etc complete.	Cum	2.84	5963.78	16937.14
6	RCC wok of M-20 grade with 20mm downgraded size hard granite chips including hoisting and laying				
6(a)	column base	Cum	3.39	5009.81	16983.26
6(b)	Grade beam in	Cum	2.81	5370.77	15091.86
6(c)	Column	Cum	1.82	10682.41	19441.99
6(e)	Lintel	Cum	1.43	8568.27	12252.63
6(f)	Chajja	Cum	7.16	744.93	5333.70
6(c)	Beam	Cum	2.10	10682.41	22433.06
6(g)	Roof slab	Cum	4.96	9152.66	45397.19
7	Fly ash Brick work (1:6) in superstructure including all labour and material etc complete.	Cum	18.92	4596.51	86965.97
9	16mm thick cement plaster in C.M (1:6) including all labour and material etc complete.	sqm	98.24	196.50	19304.16
10	12mm thick cement plaster in C.M (1:6) including all labour and material etc complete.	sqm	103.28	138.20	14273.30
11	Fixing ceramic tiles in floors, treads or steps and landing on 25mm thick bed of c.m. 1:1 jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of	sqm	4.28	990.68	4240.11
12	Fixing ceramic tiles in dados, treads or steps and landing on 12mm thick bed of c.m. 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	sqm	20.88	1043.18	21781.60
13	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	36.37	1206.51	43880.77
14	12mm thick cement plaster in C.M (1:4) including all labour and material etc complete.	sqm	8.98	156.78	1407.88

BILL OF QUANTITIES

**"New Construction of Multiutility Room at Sergarh PHC(N)
under Remuna block in the district Balasore for 2020-21"**

Name of the work:-

Tender Call Notice No :-
 Approx. Estimated Cost :- **Rs. 624991.00**
 E.M.D. to be deposited :- **1% of estimated cost.**
 Cost of Tender Paper :- **Rs. 4000/-**
 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	Labour for cutting, bending, shifting to site, tying and placing in position HYSD Bar etc. complete. (in Ground	qtl	15.11	5065.86	76545.14
2	Earthwork in excavation in of foundation in hard soil including rough dressing and levelling the bed etc complete	Cum	13.93	184.60	2571.48
3	Filling foundation and plinth with sand well watered and rammed etc complete	Cum	16.46	424.93	6994.35
4	Cement concrete (1:3:6) with 4 cm size metal etc. comp.	Cum	5.83	4447.23	25927.35
5	Cement concrete (1:2:4) with nominal stone aggregate etc complete.	Cum	3.17	5753.73	18239.32
6	RCC wok of M-20 grade with 20mm downgraded size hard granite chips including hoisting and laying				
6(a)	column base	Cum	3.39	4795.55	16256.91
6(b)	Grade beam in	Cum	2.81	5156.50	14489.77
6(c)	Column	Cum	1.82	10468.15	19052.03
6(e)	Lintel	Cum	1.43	8354.01	11946.23
6(f)	Chajja	Cum	7.16	731.32	5236.25
6(c)	Beam	Cum	2.10	10468.15	21983.12
6(g)	Roof slab	Cum	4.96	8938.40	44334.46
7	Fly ash Brick work (1:6) in superstructure including all labour and material etc complete.	Cum	18.92	4385.52	82974.04
8	20mm thick cement plaster with c.m (1:4) including watering and	Cum	49.35	212.25	10474.54
9	16mm thick cement plaster in C.M (1:6) including all labour and material etc complete.	sqm	98.24	192.38	18899.41
10	12mm thick cement plaster in C.M (1:6) including all labour and material etc complete.	sqm	103.28	134.78	13920.08
11	Fixing ceramic tiles in floors, treads or steps and landing on 25mm thick bed of c.m. 1:1 jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of	sqm	4.28	983.48	4209.29
12	Fixing ceramic tiles in dados, treads or steps and landing on 12mm thick bed of c.m. 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	sqm	20.88	1037.98	21673.02
13	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	36.37	1199.30	43618.54

WORK SL. No. - (15) page No. - (1)

14	12mm thick cement plaster in C.M (1:4) including all labour and material etc complete.	sqm	10.51	152.85	1606.45
15	6mm thick cement plaster in C.M (1:4) including all labour and material etc complete.	sqm	37.35	150.59	5624.54
16	Supplying and fitting and fixing of M.S grill of approved design including all labour and material etc complete.	kg	105.50	114.32	12060.76
17	Supplying and fitting and fixing of M.S shutter of approved design including all labour and material etc complete.	kg	202.50	59.74	12097.35
18	Painting 2 coats over 1-coat of primer including all labour and material etc complete.	kg	25.82	193.75	5002.63
19	Distempering 2 coats to wall distemper of approved shade with a coat of primer etc complete.	sqm	139.82	117.05	16365.93
20	Wall painting 2 coat with Weather coat of approved shade to give an even shade including cost of paint.	sqm	98.78	128.91	12733.73
	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)				
21	2 x 0.68 x 2.05=	sqm	2.72	2283.10	6210.03
22	Supplying all materials, labour T&P and fixing water closet, (Orissa pattern squatting pan) duly embeded 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)	no	1.00	2832.50	2832.50
23	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-- E.W.C. with 'S' trap Plain(Neycer/Cerra/ Parry ware/ Hindware)	no	1.00	2310.10	2310.10
24	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)	no	1.00	611.60	611.60
25	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	5.30	217.70	1153.81
26	110 mm dia U-PVC P' Trap	Nos	5.00	299.70	1498.50
27	110 mm dia U-PVC Door cross Tee	Nos	1.00	350.30	350.30
28	110 mm dia U-PVC Door Bend	Nos	3.00	204.70	614.10
29	110 mm dia U-PVC Plain Bend	Nos	1.00	147.00	147.00

30	110 mm dia U-PVC Cowl	Nos	1.00	77.30	77.30
31	110 mm dia U-PVC Offset	Nos	1.00	180.50	180.50
32	125 mm dia C.P. grating	Nos	3.00	69.60	208.80
33	75 mm dia U-PVC Pipes (4 Kgf/Cm2)	Mtr	1.00	128.60	128.60
34	75 mm dia U-PVC Plain bend	Nos	1.00	93.00	93.00
35	75 mm dia U-PVC Door Bend	Nos	1.00	122.90	122.90
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	Nos	1.00	174.80	174.80
37	375 mm thick wall	Nos	4.00	222.40	889.60
38	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)	Nos	1.00	2660.10	2660.10
39	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	699.90	699.90
40	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				
41	C.P. Towel Ring (St.)	Nos	1.00	427.20	427.20
42	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	3.00	268.90	806.70
43	Supplying all materials, labour T&P and constructing Inspection chamber of the following sizes with c.c (1:3:6) using 40mm size h.g. metal on bed, 1st class Fly Ash brickwork in c.m (1:6), moulding and shaping the channel inside and benching with c.c. (1:11/2:3) using 12mm size h.g. chips 12mm thick c.p. (1:3) with punning to inside cement flush pointing (1:3) to outside R.C.C. cover slab in c.c. (1:11/2:3) using 12 mm size h.g. chips with R.C.C. m.h. cover, e.w. in excavation in all kinds of soil and refilling the cavity around the chamber including watering, curing, conveyance of all materials to site payment of royalty, taxes etc. all complete as per approved specification and direction of the E.I.C. Inside size 760mm x 760mm x 460mm I.C.	Nos	1.00	7700.10	7700.10

WORK SL. No - (15) page No - (3)

44	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	1077.80	2155.60
45	Supplying all materials, labour T&P and constructing soak way pit of the following sizes with dry brick walling form bottom up to invert of inlet pipe and 1st class Fly Ash brickwork in c.m(1:6) for the remaining height at top, 12 mm thick c.p(1:4) inside and outside over masonry brickwork gravel packing in the rear of well steining R.C.C. cover slab in c.c (1:11/2:3) using 12mm size h.g. chips fitted with iron lifting handles including e.w. in open well excavation in stoney earth and refilling the cavity around the pit & painting the iron works, watering , curing, conveyance of all materials to worksite, payment of royalty, taxes etc. all complete as per approved drawing, specification and direction of E.I.C.- 1.20mtrs.dia x 2.0mtr.deep soak way pit	Nos	1.00	14836.00	14836.00
46	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	5.00	95.50	477.50
47	25mm dia HDPE Pipe [External Including E/W]	Mtr	30.00	89.57	2687.10
48	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.	Nos	4.00	47.80	191.20
49	Supplying all materials, labour, T&P and cutting grooves in pucca floors and walls for taking G.I./P.V.C. pipes and making good the damages as per direction of the E.I.C.	Mtr	5.00	162.40	812.00
50	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 [Jaquar]	Nos	2.00	939.30	1878.60
51	15 mm dia C .P L.B. Bib Cock [Jaquar]	Nos	2.00	1160.80	2321.60
52	15 mm dia C .P Angle Stop Cock [Jaquar]	Nos	3.00	781.90	2345.70
53	15 mm dia C .P Pillar Cock with long neck [Jaquar]	Nos	1.00	1296.00	1296.00
54	15mm dia C.P. Two Way Bib cock [Jaquar]	Nos	1.00	1013.10	1013.10
55	15mm dia C.P. Health Faucet [Jaquar]	Nos	1.00	1308.40	1308.40
56	15 mm dia C .P Extension Piece	Nos	7.00	58.70	410.90
57	25 mm dia PVC F.W.V[Good Quality]	Nos	1.00	557.70	557.70

58	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	Nos	2.00	1568.80	3137.60
59	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)				
60	-do- Light point Group A (1.1.1-1.24.2)	Point	9	290.87	2617.83
61	-do- Light point Group B (1.1.1-1.24.2)	Point	1	502.76	502.76
62	-do- Fan point Group B (1.1.2-1.24.2)	Point	2	502.76	1005.52
63	-do- Ex-Fan point Group B (1.1.3-1.24.2)	Point	2	767.38	1534.76
64	S/F of 16/18 SWG metal box of following sizes (Nominal size) in recess with suitable size of phenolic laminated sheet cover in front including cutting the wall and making good the same in case of Recessed conduit as required.				
65	-do-200mmx150mmx60mm deep(1.24.7)	Each	4	165.29	661.16
66	S/F of 5 amp switch and 5A socket outlet of ISI marked on existing board (1.25.1 & 1.25.4)	Each	2	83.14	166.28
67	S/F of metal box of 180mm x 100mm x 60mm deep (Nominal size) in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 5pin 15/16 amp. socket outlet & 15/16 amp. piano type switch, connection, painting etc as required (1.27)	Each	1	263.88	263.88
68	Wiring for circuit / sub main wiring along with earth wire with following sizes of PVC insulated single core multistrand copper conductor with ISI marked conforming to IS- 694/1990 in 20mm dia non metallic heavy duty flexible conduit 1.6mm in recessed PVC conduit as required (Make of wire- Finollex/ L & T /Anchor/ Havels/V-guard).				
69	-do-2x2.5sqmm +1x1.5sqmm (1.8.2)	Mtr.	30	134.06	4021.80
70	-do- 2x4sqmm +1x1.5sqmm (1.8.3)	Mtr.	10	151.44	1514.40
71	Supply, installation testing and commissioning of 63 Amp. IC DP Main Switches (IS13940 part 3/1993) with supply of metal box of following capacity on existing surface/Wall mounting & complete with H.R.C fuse links, inter connections earthing etc as required as per direction of Engineer in charge(Make-Anchor) (2.15.1)	Each	1	2060.55	2060.55
72	250mmx300mmx100mm deep(1.24.13) for fixing 63Amp IC DP Main switch.	Each	1	274.07	274.07
73	S/F of 'B' series SP MCB of 5A to 32 Amp rating 240Volt "B" series MCB for lighting and other loads in the existing MCB Distribution board ISI marked complete with connection, testing and commissioning etc. as required single pole (SP)(2.6.1)	Each	3	127.50	382.50

74	S/F of following 4way single pole and neutral sheet steel MCB DISTRIBUTION BOARD 250v on surface /recess complete with tinned copper bus bar, neutral bar, earth bar, din bar ,detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required (except MCB) 2.3.1.	Each	1	848.90	848.90
75	S/F of batten holder BK angle holder ISI marked including connection etc instead of ceiling rose (1.29-1.28)	Each	5	14.68	73.40
76	Earthing with G.I. earth pipe 3 metre long 40 mm dia ISI marked including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal and salt as required.(3.2)	Each	1	2380.85	2380.85
77	Supply and laying 6 SWG G.I wire in recess for loop earthing as required (3.18)	Mtr.	7	47.68	333.76
78	Supply & Fixing of 48" A.C. ceiling fan without regulator incudig 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	2	2103.00	4206.00
79	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	284.17	568.34
80	S/F of Fan hok S'type made of 16mm MS rod as per specificationn	Each	2	204.00	408.00
81	Supply, Installation,Testing and Commissioning of Exhaust fan of 225mm sweep in the existing opening,including making the hole to suit the size of the above fan making good the damaged complete, connection, etc as required. (Make- USHA Turbojet)	Each	2	2078.61	4157.22
82	S/F of 32-35 watt LED street light fitting complete with all connection.\ including fixing of bracket and all accessories as per direction of Engineer-In-charge (Make: Havels /Phillips /Crompton/Polycab/PAC/HPL)	Each	1	3380.00	3380.00
83	S/F of 18-25 watt LED Tube light fitting compoete with all connection.\ including fixing and all accessories as per direction of Engineer-In-charge (Make: Havels /Phillips /Crompton/Polycab/PAC/HPL)	Each	4	657.00	2628.00
84	S/F of 9W LED bulb (Make: Havels /Phillips /Crompton/Polycab/PAC/HPL)	Each	5	167.58	837.90

Total 624991.05

Say 624991.00

TOTAL 84(Eighty four) Items only

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

Less than / equal to the estimated cost of Rs. 624991.00

(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. _____

 APPROVED

Chief District Medical & PHO

Balasure

WORK SL. No - (15) page No - (6)

BILL OF QUANTITIES

Name of the work:-

**"New Construction of Multiutility Room at Srijung PHC(N)
under Remuna block in the district Balasore for 2020-21"**

Tender Call Notice No :-

Approx. Estimated Cost :- **Rs. 625010.00**

E.M.D. to be deposited :- **1% of estimated cost.**

Cost of Tender Paper :- **Rs. 4000/-**

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	Labour for cutting, bending, shifting to site, tying and placing in position HYSD Bar etc. complete. (in Ground	qtl	15.11	5068.48	76584.73
2	Earthwork in excavation in of foundation in hard soil including rough dressing and levelling the bed etc complete	Cum	13.93	184.60	2571.48
3	Filling foundation and plinth with sand well watered and rammed etc complete	Cum	8.83	416.04	3673.63
4	Cement concrete (1:3:6) with 4 cm size metal etc. comp.	Cum	4.92	4679.73	23024.27
5	Cement concrete (1:2:4) with nominal stone aggregate etc complete.	Cum	3.75	5974.45	22404.19
6	RCC wok of M-20 grade with 20mm downgraded size hard granite chips including hoisting and laying				
6(a)	column base	Cum	3.39	5016.86	17007.16
6(b)	Grade beam in	Cum	2.81	5377.82	15111.67
6(c)	Column	Cum	1.82	10689.46	19454.82
6(e)	Lintel	Cum	1.43	8575.32	12262.71
6(f)	Chajja	Cum	7.16	745.38	5336.92
6(c)	Beam	Cum	2.10	10689.46	22447.87
6(g)	Roof slab	Cum	4.96	9159.71	45432.16
7	Fly ash Brick work (1:6) in superstructure including all labour and material etc complete.	Cum	18.92	4377.64	82824.95
8	20mm thick cement plaster with c.m (1:4) including watering and	Cum	49.35	212.26	10475.03
9	16mm thick cement plaster in C.M (1:6) including all labour and material etc complete.	sqm	98.24	192.33	18894.50
10	12mm thick cement plaster in C.M (1:6) including all labour and material etc complete.	sqm	103.28	134.73	13914.91
11	Fixing ceramic tiles in floors, treads or steps and landing on 25mm thick bed of c.m. 1:1 jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of	sqm	4.28	984.04	4211.69
12	Fixing ceramic tiles in dados, treads or steps and landing on 12mm thick bed of c.m. 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	sqm	20.88	1038.18	21677.20
13	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	36.37	1199.87	43639.27

4	12mm thick cement plaster in C.M (1:4) including all labour and material etc complete.	sqm	4.49	152.88	686.43
5	6mm thick cement plaster in C.M (1:4) including all labour and material etc complete.	sqm	37.35	150.61	5625.28
6	Supplying and fitting and fixing of M.S grill of approved design including all labour and material etc complete.	kg	105.00	114.32	12003.60
7	Supplying and fitting and fixing of M.S shutter of approved design including all labour and material etc complete.	kg	202.00	59.74	12067.48
8	Painting 2 coats over 1-coat of primer including all labour and material etc complete.	kg	25.82	193.75	5002.63
9	Distempering 2 coats to wall distemper of approved shade with a coat of primer etc complete.	sqm	139.82	117.05	16365.93
0	Wall painting 2 coat with Weather coat of approved shade to give an even shade including cost of paint.	sqm	94.29	128.91	12154.92
	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	2 x 0.68 x 2.05=	sqm	2.72	2283.10	6210.03
2	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)	no	1.00	2832.50	2832.50
3	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-- E.W.C. with 'S' trap Plain(Neycer/Cerra/ Parry ware/ Hindware)	no	1.00	2310.10	2310.10
4	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)	no	1.00	611.60	611.60
5	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	5.30	217.70	1153.81
6	110 mm dia U-PVC P' Trap	Nos	5.00	299.70	1498.50
7	110 mm dia U-PVC Door cross Tee	Nos	1.00	350.30	350.30
8	110 mm dia U-PVC Door Bend	Nos	3.00	204.70	614.10
9	110 mm dia U-PVC Plain Bend	Nos	1.00	147.00	147.00

30	110 mm dia U-PVC Cowl	Nos	1.00	77.30	77.30
31	110 mm dia U-PVC Offset	Nos	1.00	180.50	180.50
32	125 mm dia C.P. grating	Nos	3.00	69.60	208.80
33	75 mm dia U-PVC Pipes (4 Kgf/Cm2)	Mtr	1.00	128.60	128.60
34	75 mm dia U-PVC Plain bend	Nos	1.00	93.00	93.00
35	75 mm dia U-PVC Door Bend	Nos	1.00	122.90	122.90
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	Nos	1.00	174.80	174.80
37	375 mm thick wall	Nos	4.00	222.40	889.60
38	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)	Nos	1.00	2660.10	2660.10
39	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	699.90	699.90
40	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	1.00	427.20	427.20
41	C.P. Towel Ring (St.)	Nos	3.00	268.90	806.70
42	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	7700.10	7700.10
43	Supplying all materials, labour T&P and constructing Inspection chamber of the following sizes with c.c (1:3:6) using 40mm size h.g. metal on bed, 1st class Fly Ash brickwork in c.m (1:6), moulding and shaping the channel inside and benching with c.c. (1:11/2:3) using 12mm size h.g. chips 12mm thick c.p. (1:3) with punning to inside cement flush pointing (1:3) to outside R.C.C. cover slab in c.c. (1:11/2:3) using 12 mm size h.g. chips with R.C.C. m.h. cover, e.w. in excavation in all kinds of soil and refilling the cavity around the chamber including watering, curing, conveyance of all materials to site payment of royalty, taxes etc. all complete as per approved specification and direction of the E.I.C. Inside size 760mm x 760mm x 460mm I.C.	Nos	1.00	7700.10	7700.10

44	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	1077.80	2155.60
45	Supplying all materials, labour T&P and constructing soak way pit of the following sizes with dry brick walling form bottom up to invert of inlet pipe and 1st class Fly Ash brickwork in c.m(1:6) for the remaining height at top, 12 mm thick c.p(1:4) inside and outside over masonry brickwork gravel packing in the rear of well steining R.C.C. cover slab in c.c (1:11/2:3) using 12mm size h.g. chips fitted with iron lifting handles including e.w. in open well excavation in stoney earth and refilling the cavity around the pit & painting the iron works, watering , curing, conveyance of all materials to worksite, payment of royalty, taxes etc. all complete as per approved drawing, specification and direction of E.I.C.- 1.20mtrs.dia x 2.0mtr.deep soak way pit	Nos	1.00	14836.00	14836.00
46	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	5.00	95.50	477.50
47	25mm dia HDPE Pipe [External Including E/W]	Mtr	30.00	89.57	2687.10
48	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.	Nos	4.00	47.80	191.20
49	Supplying all materials, labour, T&P and cutting grooves in pucca floors and walls for taking G.I./P.V.C. pipes and making good the damages as per direction of the E.I.C.	Mtr	5.00	162.40	812.00
50	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 [Jaquar]	Nos	2.00	939.30	1878.60
51	15 mm dia C .P L.B. Bib Cock [Jaquar]	Nos	2.00	1160.80	2321.60
52	15 mm dia C .P Angle Stop Cock [Jaquar]	Nos	3.00	781.90	2345.70
53	15 mm dia C .P Pillar Cock with long neck [Jaquar]	Nos	1.00	1296.00	1296.00
54	15mm dia C.P. Two Way Bib cock [Jaquar]	Nos	1.00	1013.10	1013.10
55	15mm dia C.P. Health Faucet [Jaquar]	Nos	1.00	1308.40	1308.40
56	15 mm dia C .P Extension Piece	Nos	7.00	58.70	410.90
57	25 mm dia PVC F.W.V[Good Quality]	Nos	1.00	557.70	557.70

58	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	Nos	2.00	1568.80	3137.60
59	Recessed wiring to light point with 1.5sqmm FR PVC insulatd single core multistand 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)				
60	-do- Light point Group A (1.1.1-1.24.2)	Point	9	290.87	2617.83
61	-do- Light point Group B (1.1.1-1.24.2)	Point	1	502.76	502.76
62	-do- Fan point Group B (1.1.2-1.24.2)	Point	2	502.76	1005.52
63	-do- Ex-Fan point Group B (1.1.3-1.24.2)	Point	2	767.38	1534.76
64	S/F of 16/18 SWG metal box of following sizes (Nominal size) in recess with suitable size of phenolic laminated sheet cover in front including cutting the wall and making good the same in case of Recessed conduit as required.				
65	-do-200mmx150mmx60mm deep(1.24.7)	Each	4	165.29	661.16
66	S/F of 5 amp swith and 5A.socket out let of ISI marked on existing board (1.25.1 & 1.25.4)	Each	2	83.14	166.28
67	S/F of metal box of 180mm x 100mm x 60mm deep (Nominal size) in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 5pin 15/16 amp. socket out let & 15/16 amp. piano type switch, connection, painting etc as required (1.27)	Each	1	263.88	263.88
68	Wiring for circuit / sub main wiring alongwith earth wire with following sizes of PVC insulated single core multistrand copper conductor with ISI marked conforming to IS- 694/1990 in 20mm dia non metallic heavy duty flexible conduit 1.6mm in recessed PVC conduit as required (Make of wire- Finolex/ L & T /Anchor/ Havels/V-guard).				
69	-do-2x2.5sqmm +1x1.5sqmm (1.8.2)	Mtr.	30	134.06	4021.80
70	-do- 2x4sqmm +1x1.5sqmm (1.8.3)	Mtr.	10	151.44	1514.40
71	Supply, Installation testing and commissioning of 63 Amp. IC DP Main Switches (IS13940 part 3/1993) with supply of metal box of following capacity on existing surface/Wall mounting & complete with H.R.C fuse links, inter connections earthing etc as required as per direction of Engineer Incharge(Make-Anchor) (2.15.1)	Each	1	2060.55	2060.55
72	250mmx300mmx100mm deep(1.24.13) for fixing 63Amp IC DP Main switch.	Each	1	274.07	274.07
73	S/F of 'B' series SP MCB of 5A to 32 Amp rating 240Volt "B" series MCB for lighting and other loads in the existing MCB Distribution board ISI marked complete with connection, testing and commissioning etc. as required single pole (SP)(2.6.1)	Each	3	127.50	382.50

74	S/F of following 4way single pole and neutral sheet steel MCB DISTRIBUTION BOARD 250v on surface /recess complete with tinned copper bus bar, neutral bar, earth bar, din bar ,detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required (except MCB) 2.3.1.	Each	1	848.90	848.90
75	S/F of batten holder BK angle holder ISI marked including connection etc instead of ceiling rose (1.29-1.28)	Each	5	14.68	73.40
76	Earthing with G.I. earth pipe 3 metre long 40 mm dia ISI marked including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal and salt as required.(3.2)	Each	1	2380.85	2380.85
77	Supply and laying 6 SWG G.I wire in recess for loop earthing as required (3.18)	Mtr.	7	47.68	333.76
78	Supply & Fixing of 48" A.C. ceiling fan without regulator incudig numbering of reputed mark including all connections (Make:Usha-Striker One/Neo/ Crompton-Riviera highspped/Havells-Samrat/ Anchor-Penta Turbo/ Orient-Summer king/ Breeze)	Each	2	2103.00	4206.00
79	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	284.17	568.34
80	S/F of Fan hok S'type made of 16mm MS rod as per specificationn	Each	2	204.00	408.00
81	Supply, Installation,Testing and Commissioning of Exhaust fan of 225mm sweep in the existing opening,including making the hole to suit the size of the above fan making good the damaged complete, connection, etc as required. (Make- USHA Turbojet)	Each	2	2078.61	4157.22
82	S/F of 32-35 watt LED street light fitting complete with all connection.\ including fixing of bracket and all accessories as per direction of Engineer-In-charge (Make: Havels /Phillps /Crompton/Polycab/PAC/HPL)	Each	1	3380.00	3380.00
83	S/F of 18-25 watt LED Tube light fitting compoete with all connection.\ including fixing and all accessories as per direction of Engineer-In-charge (Make: Havels /Phillps /Crompton/Polycab/PAC/HPL)	Each	4	657.00	2628.00
84	S/F of 9W LED bulb (Make: Havels /Phillps /Crompton/Polycab/PAC/HPL)	Each	5	167.58	837.90

Total 625009.76

Say 625010.00

TOTAL 84(Eighty four) Items only

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

Less than / equal to the estimated cost of Rs. 625010.00

(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. _____

APPROVED

Chief District Medical & PHO

Balasore

WORK SL. No. (16) page No. (6)

TENDER SCHEDULE

Name of the work	New Construction of Multiutility Room at Bagudi PHC
Estimated cost	624666.00
L.M.D. to be deposited	1 % of Estimated cost
Cost of tender paper	Rs-4000.00
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.	21.37	Cum	184.59	3945.38
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.	30.95	Cum	737.06	22808.91
3	Providing P.C.C. (1:3:6) with 4cm size h.g. metal of approved quality in foundation / floor including hoisting laying concrete,	6.16	Cum	4265.46	26275.63
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	3.77	Cum	4557.56	17170.44
4-b	Plinth beam	2.54	Cum	4919.39	12517.63
4-c	Column	2.18	Cum	11694.55	25546.84
4-d	Lintel	0.99	Cum	8125.17	8068.09
4-e	Chajja	3.90	Sqm	760.00	2965.45
4-f	Wall beam	1.35	Cum	11694.55	15788.15
4-g	slab	4.73	Cum	8710.14	41202.94

Wms SP No. (17)

①

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.	15.89	Qntl	7035.42	111799.98
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				
a	Foundation	5.09	Cum	4541.20	23110.60
b	Superstructure	19.30	Sqm	4574.53	88293.14
7	A/R-P 109/item No.26:6mm thick Cement plaster (1:4) finished smooth per 1 Sqm. including curing etc. complete.(1st floor)	36.20	Sq.m	128.82	4663.69
8	16mm thick Cement plaster (1:6) over brickwork including curing etc. complete	101.00	Sqm	197.61	19959.69
9	12mm thick Cement plaster (1:6) for brickwork including curing etc. complete.	103.25	Sqm	139.12	14364.22
10	A/R-P 93/item No.1:Priming 1-coat with any approved primer including all labour etc complete B159	240.46	Sq.m	57.59	13847.20
11	Distemping 2-coat to walls with distemper of approved shade on old/new work to give on even shade excluding cost of distemper.	137.21	Sq.m	62.96	8639.19
12	A/R-P-99/item no 20:- Finishing wall surface with weather coat painting 2 coat to the new surfaces of walls with all cost. (Data for 10Sqm)	103.25	Sqm	70.71	7300.63
13	Painting 1-coat with any approved primer including all labour etc complete.	8.27	Sqm	133.00	1099.69
14	Window grill in mild steel refer item no.2 of A/R page- 224 .	162.00	Kg	57.88	9376.73
15	M.S door and window in mild steel refer item no.2 of A/R page- 224 .	330.00	Kg	113.89	37582.91
16	Other building item no.1(b) of /S/R-2012:Fixing of vetrified tiles in floors of Size 600x600mm of approved make coforming 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)	32.45	Sqm	1178.76	38246.05
	P.H work and Internal fittings				
17	Supplying all materials, labour T&P and fixing Ceramic Tiles in floors on 25mm thick bed of cement mortar (1:1) joined 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	713.12	5260.95
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.	13.64	Sqm	740.12	10091.99

20/08/2017

(9)

19	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.	9.90	Mtr	340.80	3373.92
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)	2.67	Sqm	2283.10	6084.46
21	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
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
23	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
24	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/Cm2)	5.00	Mtr	206.00	1030.00
25	110 mm dia U-PVC P' Trap	4	Nos	299.70	1198.80
26	110 mm dia U-PVC Double Junction Door	1	Nos	350.30	350.30
27	110 mm dia U-PVC Plain Tee	1	Nos	267.00	267.00
28	110 mm dia U-PVC Door Bend	4	Nos	204.70	818.80
29	110 mm dia U-PVC Plain Bend	3	Nos	147.00	441.00
30	110 mm dia U-PVC Offset	1	Nos	180.50	180.50
31	110 mm dia U-PVC Cowl	1	Nos	77.30	77.30
32	125 mm dia C.P. grating	4	Nos	68.30	273.20
33	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
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)	1	No	695.70	695.70

Done S.L.No-12

(3)

35	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
36	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 [Neycer/CerraParrywear/Hindware]	1	Nos	1,826.10	1826.10
37	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
38	375 mm thick wall	1	Nos	224.90	224.90
39	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)	2.40	Mtr	1,058.90	2541.36
40	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
41	25 mm dia PVC (ASTM) Pipe [External]	10.00	Mtr	87.20	872.00
42	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	4	Nos	47.50	190.00
43	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
44	15 mm dia C .P (c) Stop Cock[Essco/Plaza/Amber/ Aquatic]	1	Nos	854.70	854.70
45	15 mm dia C .P Angle Stop Cock[Essco/Plaza/Amber/ Aquatic]	3	Nos	711.80	2135.40
46	15 mm dia C .P Pillar Cock with long neck [Essco/Plaza/Amber/ Aquatic]	1	No	809.80	809.80
47	25 mm dia PVC F.W.V[Good Quality]	1	Nos	557.10	557.10
48	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)	1	Nos	1,567.20	1567.20
	Electrical fittings				
49	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.				

Done sh. 17

(4)

50	do	Group A (1.2.1-1.24.2)	Point	2	287.85	575.70
51	do	Group B (1.2.1-1.24.2)	Point	2	498.73	997.46
52	do	Group C(1.2.1-1.24.2)	Point	2	762.34	1524.68
53		Ressed wiring with fan point Group-B	Point	2	498.73	997.46
54		S/F of metal box pf 150mmx75mmx60mm deep(Nominal size) etc all	each	2	192.84	385.68
55		S/F of 5amp switch and 5 amp socket outlet etc all	each	2	83.14	166.28
56		S/F of metal box pf 180mmx100mmx60mm deep(Nominal size) etc all	each	2	263.88	527.76
57		PVC insualated single core multistandard copper conductor of ISI mark (ISI mark to Hevells,V guard L&T Finolex)				0.00
58	do	2x1.5sqmm+1x1.5sqmm(1.8.1)	PM	3	120.11	360.33
59	do	2x2.5sqmm+1x1.5sqmm(1.8.2)	PM	3	134.06	402.18
60	do	2x1.4sqmm+1x1.5sqmm(1.8.3)	PM	3	151.44	454.32
61		Supply instation testing and commissioning main switch etc all				0.00
62		B-do 32amp ICDP main switch	each	1	851.58	851.58
63		200mmx250 mm x60mm deep (1.24.16) for fixing 32amp ICDP main switc	each	1	205.57	205.57
64		250mmx300 mm x60mm deep (1.24.16) for fixing 64amp ICDP main	each	1	260.37	260.37
65		s/f B series sp MCB Box lighying and etc all	each	1	127.56	127.56
66		s/f B series sp MCB Box (250v)lighying and etc all	each	1	848.9	848.90
67		8watt CFL Imp,	each	3	606.05	1818.15
68		Holder BK angle	each	3	14.68	44.04
69		soldering of GI wire	PM	1	47.68	47.68
70		18-25 led tube light Fitting including bulb	each	2	688	1376.00
71		Fitting and fixing of ceiling fan	each	2	2000	4000.00
72		F-an regulator in existing switch board etc all.	each	2	280.82	561.64
73		Supply instation testing and commissioning 10watt led bulb etc all.	each	2	167.58	335.16

624665.76

Say

624666.00

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)

(Handwritten signature)
15/12/22

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

(Handwritten signature) (12) (5)

TENDER SCHEDULE

Name of the work		New Construction of Multiutility Room at Kesharipur PHC			
Estimated cost		624971.00			
T.M.D. to be deposited		1 % of Estimated cost			
Cost of tender paper		Rs-4000.00			
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.	21.37	Cum	184.59	3945.38
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.	30.95	Cum	684.19	21173.00
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.	6.72	Cum	4371.10	29353.05
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	3.54	Cum	4620.39	16362.73
4-b	Plinth beam	2.54	Cum	4981.52	12675.72
4-c	Column	2.18	Cum	11751.05	25670.24
4-d	Lintel	0.99	Cum	8180.74	8123.27
4-e	Chajja	3.90	Sqm	763.22	2978.00
4-f	Wall beam	1.35	Cum	11751.05	15864.41
4-g	<i>slab</i>	4.73	Cum	8765.19	41463.37
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.	15.60	Qntl	7056.36	110049.77
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	5.09	Cum	4571.81	23266.38
6-b	Superstructure	19.30	Sqm	4605.14	88883.97

Wine Sl. no. (3)

7	6mm thick Cement plaster (1:4) finished smooth per 1 Sqm. including curing etc. complete.	36.20	Sqm	128.96	4668.91
8	16mm thick Cement plaster (1:6) over brickwork including curing etc. complete.	101.00	Sqm	197.52	19950.22
9	12mm thick Cement plaster (1:6) for brickwork including curing etc. complete.	103.25	Sq.m	139.04	14356.08
10	Priming 1-coat with any approved primer including all labour etc complete.	240.46	Sqm	57.59	13847.20
11	Distemping 2-coat to walls with distemper of approved shade on old/new work to give on even shade excluding cost of distemper.	137.21	Sqm	62.96	8639.19
12	Finishing wall surface with weather coat painting 2 coat to the new surfaces of walls with all cost. (Data for 10Sqm.)	103.25	Sqm	70.71	7300.63
13	Painting 2-coat with any approved primer including all labour etc complete.	8.27	Sqm	133.00	1099.69
14	Window grill in mild steel refer item no.2 of A/R page- 224 .	162.00	Kg	57.88	9376.73
15	M.S.door and window in mild steel refer item no.2 of A/R page- 224 .	330.00	Kg	113.89	37582.91
16	Other building item no.1(b) of /S/R-2012: Fixing of vetrified tiles in floors of Size 600x600mm of approved make conforming 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)	32.45	Sqm	1181.75	38343.21
	P.H works and internal fittings				
17	Supplying all materials, labour T&P and fixing Ceramic Tiles in floors on 25mm thick bed of cement mortar (1:1) joined 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	716.09	5282.83
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.	13.64	Sqm	740.29	10094.33
19	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	9.90	Mtr	340.80	3373.92
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	2.67	Sqm	2283.10	6084.46
21	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/	1.00	No	2826.20	2826.20

Wani S. A. to - 19

21

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'	1.00	No	2303.90	2303.90
23	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
24	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
25	110 mm dia U-PVC P' Trap	4	Nos	299.70	1198.80
26	110 mm dia U-PVC Double Junction Door	1	Nos	350.30	350.30
27	110 mm dia U-PVC Plain Tee	1	Nos	267.00	267.00
28	110 mm dia U-PVC Door Bend	4	Nos	204.70	818.80
29	110 mm dia U-PVC Plain Bend	3	Nos	147.00	441.00
30	110 mm dia U-PVC Offset	1	Nos	180.50	180.50
31	110 mm dia U-PVC Cowl	1	Nos	77.30	77.30
32	125 mm dia C.P.grating	4	Nos	68.30	273.20
33	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
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	1	No	695.70	695.70
35	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	2	Nos	267.40	534.80
36	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 [Neycer/CerraParrywear/Hindware]	1	Nos	1,826.10	1826.10
37	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
38	375 mm thick wall	1	Nos	224.90	224.90

Wear sl. No (18)

(3)

39	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)	2.40	Mtr	1,058.90	2541.36
40	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	5.00	Mtr	94.50	472.50
41	25 mm dia PVC (ASTM) Pipe) [External]	10.00	Mtr	87.20	872.00
42	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.	4	Nos	47.50	190.00
43	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
44	15 mm dia C .P (c) Stop Cock[Essco/Plaza/Amber/ Aquatic]	1	Nos	854.70	854.70
45	15 mm dia C .P Angle Stop Cock[Essco/Plaza/Amber/ Aquatic]	3	Nos	711.80	2135.40
46	15 mm dia C .P Pillar Cock with long neck [Essco/Plaza/Amber/ Aquatic]	1	No	809.80	809.80
47	25 mm dia PVC F.W.[Good Quality]	1	Nos	557.10	557.10
48	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)	1	Nos	1,567.20	1567.20
	Electrical fittings				
49	Recessed 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.				
50	.....do..... Group A (1.2.1-1.24.2)	Point	2	287.85	575.70
51	.....do..... Group B (1.2.1-1.24.2)	Point	2	498.73	997.46
52	.....do..... Group C(1.2.1-1.24.2)	Point	2	762.34	1524.68
53	Ressed wiring with fan point Group-B	Point	2	498.73	997.46
54	S/F of metal box pf 150mmx75mmx60mm deep(Nominal size) etc all	each	2	192.84	385.68
55	S/F of 5amp switch and 5 amp socket outlet etc all	each	2	83.14	166.28
56	S/F of metal box pf 180mmx100mmx60mm deep(Nominal	each	2	263.88	527.76

Was slabo (18)

(9)

57	PVC insulated single core multistandard copper conductor				0.00
58	.....do..... 2x1.5sqmm+1x1.5sqmm(1.8.1)	PM	2	120.11	240.22
59	.....do..... 2x2.5sqmm+1x1.5sqmm(1.8.2)	PM	3	134.06	402.18
60	.....do..... 2x1.4sqmm+1x1.5sqmm(1.8.3)	PM	3	151.44	454.32
61	Supply instation testing and commissioning main switch etc all				0.00
62	B-do-32amp ICDP main switch	each	1	851.58	851.58
63	200mmx250 mm x60mm deep (1.24.16) for fixing 32amp	each	1	205.57	205.57
64	250mmx300 mm x60mm deep (1.24.16) for fixing 64amp	each	1	260.37	260.37
65	s/f B series sp MCB Box lighying and etc all	each	1	127.56	127.56
66	s/f B series sp MCB Box (250v)lighying and etc all	each	1	848.9	848.90
67	8watt CFL Imp,	each	3	606.05	1818.15
68	Holder BK angle	each	3	14.68	44.04
69	soldering of GI wire	PM	1	47.68	47.68
70	18-25 led tube light Fitting including bulb	each	2	688	1376.00
71	Fitting and fixing of ceilling fan	each	2	2000	4000.00
72	Fan regulator in existing switch board etc all.	each	2	280.82	561.64
73	Supply instation testing and commissioning 10watt led bulb etc all.	each	2	167.58	335.16
				Total	624970.74
				Say	624971.00

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)

15/12/20

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

Wone slabo (18)

(5)

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	5.09	Cum	4530.17	23054.47
6-b	Superstructure	19.30	Sqm	4563.50	88080.26
7	AVR-P 109/item No.26:6mm thick Cement plaster (1:4) finished smooth per 1 Sqm. including curing etc. complete.	36.20	Sqm	128.49	4651.90
8	16mm thick Cement plaster (1:6) over brickwork including curing etc. complete.	101.00	Sqm	196.91	19888.14
9	12mm thick Cement plaster (1:6) for brickwork including curing etc. complete.	103.25	Sqm	138.53	14303.28
10	AVR-P 93/item No.1:Priming 1-coat with any approved primer including all labour etc complete.	240.46	Sqm	57.59	13847.20
11	Distemping 2-coat to walls with distemper of approved shade on old/new work to give on even shade excluding cost of distemper.	137.21	Sqm	62.96	8639.19
12	AVR-P-99/item no.20:- Finishing wall surface with weather coat painting 2 coat to the new surfaces of walls with all cost. (Data for 10Sqm.)	103.25	Sqm	70.71	7300.63
13	Priming 1-coat with any approved primer including all labour etc complete.	8.27	Sqm	53.37	441.31
14	M.S.door and window in mild steel.	162.00	Kg	57.88	9376.73
15	M.S.door and window in mild steel.	267.00	Kg	113.89	30407.99
16	Other building item no.1(b) of /S/R-2012:Fixing of vetrified tiles in floors of Size 600x600mm of approved make conforming 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	32.45	Sqm	1176.33	38167.21
P.H Works and internal fittings					
17	Supplying all materials, labour T&P and fixing Ceramic Tiles in floors on 25mm thick bed of cement mortar (1:1) joined 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.	13.64	Sqm	738.08	10064.18
19	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.	9.90	Mtr	340.80	3373.92

Done s/No (19)

(2)

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)	2.67	Sqm	2283.10	6084.46
21	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
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'/'	1.00	No	2303.90	2303.90
23	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
24	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/Cm2)	5.00	Mtr	206.00	1030.00
25	110 mm dia U-PVC P' Trap	4	Nos	299.70	1198.80
26	110 mm dia U-PVC Double Junction Door	1	Nos	350.30	350.30
27	110 mm dia U-PVC Plain Tee	1	Nos	267.00	267.00
28	110 mm dia U-PVC Door Bend	4	Nos	204.70	818.80
29	110 mm dia U-PVC Plain Bend	3	Nos	147.00	441.00
30	110 mm dia U-PVC Offset	1	Nos	180.50	180.50
31	110 mm dia U-PVC Cowl	1	Nos	77.30	77.30
32	125 mm dia C.P.grating	4	Nos	68.30	273.20
33	Supplying all materials, labour T&P and fixing wash basins with hole for pillar taps with C./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

Dear Sir, No (19)

(3)

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)	1	No	695.70	695.70
35	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
36	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	1	Nos	1,826.10	1826.10
37	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
38	375 mm thick wall	1	Nos	224.90	224.90
39	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)	5.00	Mtr	1,058.90	5294.50
40	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]	15.00	Mtr	94.50	1417.50
41	25 mm dia PVC (ASTM) Pipe) [External]	15.00	Mtr	87.20	1308.00
42	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.	4	Nos	47.50	190.00
43	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	4	No	697.20	2788.80
44	15 mm dia C .P (c) Stop Cock[Essco/Plaza/Amber/ Aquatic]	1	Nos	854.70	854.70
45	15 mm dia C .P Angle Stop Cock[Essco/Plaza/Amber/ Aquatic]	3	Nos	711.80	2135.40
46	15 mm dia C .P Pillar Cock with long neck [Essco/Plaza/Amber/ Aquatic]	1	No	809.80	809.80
47	25 mm dia PVC F.W.V[Good Quality]	2	Nos	557.10	1114.20

Dear Sir,

(4)

48	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)	1	Nos	1,567.20	1567.20
Electrification					
49	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, pin type switch make ETC as per direction of engineer in charge.				
50	.....do..... Group A (1.2.1-1.24.2)	Point	2	287.85	575.70
51	.....do..... Group B (1.2.1-1.24.2)	Point	2	498.73	997.46
52	.....do..... Group C(1.2.1-1.24.2)	Point	2	762.34	1524.68
53	Recessed wiring with fan point Group-B	Point	2	498.73	997.46
54	S/F of metal box pf 150mmx75mmx60mm	each	2	192.84	385.68
55	S/F of 5amp switch and 5 amp socket outlet etc all	each	2	83.14	166.28
56	S/F of metal box pf 180mmx100mmx60mm	each	2	263.88	527.76
57	PVC insulated single core multistandard copper				
58	.....do..... 2x1.5sqmm+1x1.5sqmm(1.8.1)	PM	3	120.11	360.33
59	.....do..... 2x2.5sqmm+1x1.5sqmm(1.8.2)	PM	3	134.06	402.18
60	.....do..... 2x1.4sqmm+1x1.5sqmm(1.8.3)	PM	3	151.44	454.32
61	Supply instation testing and commissioning main switch etc all				
62	B-do-32amp ICDP main switch	each	1	851.58	851.58
63	200mmx250 mm x60mm deep (1.24.16) for fixing	each	1	205.57	205.57
64	250mmx300 mm x60mm deep (1.24.16) for fixing	each	1	260.37	260.37
65	s/f B series sp MCB Box lighying and etc all	each	1	127.56	127.56
66	s/f B series sp MCB Box (250v)lighying and etc all	each	1	848.9	848.90
67	8watt CFL Imp,	each	3	606.05	1818.15
68	Holder BK angle	each	3	14.68	44.04
69	soldering of GI wire	PM	6	47.68	286.08
70	18-25 led tube light Fitting including bulb	each	2	688	1376.00
71	Fitting and fixing of ceiling fan	each	2	2500	5000.00
72	Fan regulator in existing switch board etc all.	each	2	280.82	561.64
73	Supply instation testing and commissioning 10watt led bulb etc all.	each	5	167.58	837.90
				Total	624740.63
				Say	624741.00

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 _____)

(Handwritten signature)
15/12/20

Chief District Medical S PH officer
Balasore

(Handwritten signature)
W. S. (15/12/20)

(Handwritten mark)

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)	2.67	Sqm	2283.10	6084.46
21	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
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
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	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

Done sh. N.B. 29

(3)

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
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	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 specification and direction of E.I.C - 15 mm dia PVC (ASTM) Pipe [Internal]	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 complete as per P.H. specification and direction of E.I.C.	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]	5	No	697.20	3486.00

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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 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)	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 direction of engineer in charge.				
45	.....do..... Group A (1.2.1-1.24.2)	4	Point	287.85	1151.40
46	.....do..... Group B (1.2.1-1.24.2)	4	Point	498.73	1994.92
47	Recessed wiring with fan point Group-B	4	Point	498.73	1994.92
48	S/F of metal box pf 150mmx75mmx60mm deep(Nominal size) etc all	4	each	192.84	771.36
49	S/F of 5amp switch and 5 amp socket outlet etc all	4	each	83.14	332.56
50	S/F of metal box pf 180mmx100mmx60mm	4	each	263.88	1055.52
51	PVC insulated single core multistandard copper	4			
52	.....do..... 2x1.5sqmm+1x1.5sqmm(1.8.1)	4	PM	120.11	480.44
53	.....do..... 2x2.5sqmm+1x1.5sqmm(1.8.2)	4	PM	134.06	536.24
54	.....do..... 2x1.4sqmm+1x1.5sqmm(1.8.3)	4	PM	151.44	605.76
55	Holder BK angle	5	each	14.68	73.40
56	soldering of GI wire	5	PM	47.68	238.40
57	Fitting and fixing of ceiling fan	2	each	2500	5000.00
58	Fan regulator in existing switch board etc all.	2	each	280.82	561.64
59	Supply instation testing and commissioning 10watt led bulb etc all.	6	each	167.58	1005.48

624773.61

Say

624774.00

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)

12/12/20

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

Donation to (28)

(5)