

TENDER SCHEDULE
(BILL OF QUANTITY)

Name of work-	Construction of HWC Sc at Kasbajaypur under Bahanaga Block
Estimated Cost-	Rs- 6.25 lakh
E.M. to be Deposited-	1% of the Estimated cost
Cost Of Tender paper with VAT 4%	Rs- 4000.00
Date of sale of Tender	
Date of Receipt of Tender	
Date of opening of Tender	
Time of completion	
Class of Contractor	"D" & "C" Class

Sl. No.	DESCRIPTION OF ITEMS	No. or Qty	UNIT	Estimated Rate	AMOUNT in Rupees
				Figure	
1	Earth work in excavation of foundation in hard soil with all leads and lifts including dressing and levelling the bed and depositing the excavated earth at place away from work site with all leads and lifts including cost of all labour T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.	6.18	1 Cum	178.60	32.37
2	Supplying filling in foundation and plinth with fine coarse sand of approved quality in layer not exceeding 23.5 cm (5") free from organic and vegetation materials, well watered and rammed including all cost conveyance, royalty taxes and all labour T&P articles required for the work etc. complete as per the specification and direction of the Engineer-in-charge(Measurement will be taken on finished compacted section only)	0.07	1 Cum	489.30	36.35
3	Cement concrete of proportion (1:4:8) in foundation and plinth using 4cm size clean hard hand broken granite metal of approved quality and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.	0.05	1 Cum	4123.70	202.18
4	R.C.C. work of M-20 grade with 12mm and down graded hard granite crusher broken chips of approved quality and from with all cost, conveyance, royalty taxes of all materials, all labour charges, T&P articles required for the work etc. complete as per the specification and direction of the Engineer-in-charge.				
	b) For plinth beam	0.05	1 Cum	4783.00	234.51
	sill bend	0.66	1 Cum	4783.00	3156.78
	c) For Column & Beam in superstructure	3.90	1 Cum	10558.50	41178.15
	d) For Lintel	1.21	1 Cum	8456.10	10231.88
	e) For Chhaja	4.55	1 Sqm	782.50	3560.38
	staircase	1.95	1 Cum	10067.30	19631.24
	f) For Roof slab	5.13	1 Cum	9039.80	46374.17

(Signature)

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5	250mm thick flyash brick work in cement mortar (1:6) after immersing brick for six hours in water before use in superstructure with good quality clamp burnt of brick 25 cm x 12 cm x 8 cm size having crushing strength not less than 100kg . Per Sqm. of all materials with all taxes and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge. (Superstructure)	16.11	1 Cum	4128.90	70511.86
7	Straightening, bend up or coiled rod, cutting, bending, cranking, hooking welding or jointing (if required the MS/Tor rod and binding wire, laying the grills and placing in proper position as required for R.C.C. work providing fan hooks when necessary including cost conveyance, royalty taxes of M.S. or Tor steel and binding wire of 18 to 20 gauge and cost of all labour T&P required for the work as per the specification and direction of the Engineer-in-charge.	11.98	1 Qtl.	6160.90	73807.58
8	12mm thick cement plaster in Cement mortar (1:6) finished smooth to out side the plaster after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.	219.99	1 Sqm	138.50	30468.62
9	15mm thick cement plaster in Cement mortar (1:6) finished smooth to over brick walls after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.	112.70	1sqm	197.80	22292.06
10	Providing 6mm thick C.P. in R.C.C surface including close deep chipping & slurry treatment with cost, conveyance of materials labour, T&P required for the work including royalty etc. complete as per direction of the Engineer-in-charge.	64.62	1 Cum	154.30	9970.87
11	Fixing vetrified tiles of coloured/printed series(homogenous) in floors, treads or steps and landing on 25mm thick bed of cement mortar (1:1) (1cement:1sand) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including rubbing and polishing complet excluding cost of precast tiles per 1sqm .	70.23	1 Sqm	966.10	67851.52
12	Providing and fixing Glazed tile in dado,skirting riser of steps on 12 mm thick cement plaster 1:3 jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing complet including cost of precast tiles, all materials,labour,t&p,all taxes of materials etc complete as per instruction of Architect and Engineer in charge.	7.75	1 Sqm	703.40	5451.35
13	Providing fixing glazed floor tiles in floors, treads or steps and landing on 25mm thick bed of c:m (1:1) jointed with neat cement slurry mixed with pigment to match the shades of tiles including cost & conveyance of materials, royalty labour, T &P etc. complete as per direction of the Engineer-in-charge.	7.21	1 Sqm	720.30	5193.36
14	Providing for fitting & fixing M.S. grill as per approved desing in position iron fittings such as bolt, rings with all cost, conveyance royalty T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.	233.75	kg	59.74	13964.23
15	Providing for fitting & fixing M.S. door as per approved desing in position iron fittings such as bolt, rings with all cost, conveyance royalty T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.	411.00	kg	131.07	53868.82
16	Priming one coat with approved Water Bound wall cement on plastered Surface including cost of all materials etc complete as per specification and direction of the Engineer-in-charge.	397.31	1 Sqm	58.10	23083.71

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17	Distemping two coats to the wall surface with any approved paint over a one coat of primer including cost of distemper etc. conveyance, royalties and taxes of all materials and labour with T&P required for the work ..etc. complete in all respect as per the specification & direction of the Engineer in charge.	177.32	1 Sqm	64.50	11437.03
18	Finishing wall with water proofing weather coat of approved shade on new work over a one coat of primer to given shade to outside wall with all cost, conveyance royalty taxes of all materials and all labour T&P required for the work etc. complete as per direction of the Engineer in charge.	224.54	1 Sqm	73.30	16459.14
19	Painting two coats of synthetic enamel paint over one coat of primer on steel surface including necessary preparation of surface, cost & conveyance of materials, labour, T&P etc. complete to shape as per direction of the Engineer in charge.	28.01	1 Sqm	191.20	5355.39

III

20	Factory made FRP(alternately called GRP) door frame of size 75mmx100mm fabricated using E-glass Chopped Strand Mat (CSM) U.V stabilised Inopthalic Gelcoat and impregnated with Inopthalic resin.complete in all respect as per specification and direction of the E.I.C.				
	3 x (2.10+2.10+0.75)=	14.25	mtr	351.69	5011.58
21	Factory made single leaf rigid FRP(alternately called GRP) sandwich composite door shutter of 32mm thick laminated with two GRP skins with wood grain finish fabricated using UV stabilised Isopthalic Gel coat and one layer of 450 gsm E glass Chopped Strand Mat (CSM) impregnated with orthopthalic polyester resin. Three heavy weight mild steel butt hinges type-I(ISI marked) size 100mm are to be fitted on one side of shutter.				
	3 x 2.05 x 0.0.70=	4.30	sqm	2,250.00	3675.00
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)	1.00	Nos	2,717.80	2717.80
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/ Parrywear/ Hindware)	1.00	Nos	2,283.00	2283.00
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 perr specification and direction of E.I.C. (Neycer/Cerra/ Parrywear/ Hindware)				
		1.00	Nos	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)	10.00	mtr	203.30	7033.00
	110 mm dia U-PVC P' Trap	4.00	Nos	299.70	1198.80
	110 mm dia U-PVC Door Tee	3.00	Nos	296.70	890.10
	110 mm dia U-PVC Door Cross Tee	2.00	Nos	350.30	700.60
	110 mm dia U-PVC Door Bend	4.00	Nos	204.70	818.80
	110 mm dia U-PVC Plain Bend	4.00	Nos	147.00	588.00
	110 mm dia U-PVC Plain Tee	1.00	Nos	268.00	268.00
	110 mm dia U-PVC Offset	4.00	Nos	180.50	722.00
	110 mm dia U-PVC Cowl	4.00	Nos	77.30	309.20
	125 mm dia C.P.grating	2.00	Nos	67.50	135.00

Work sheet No - (21)

	75 mm dia U-PVC Pipes (4 Kgf/Cm2)	7.00	mtr	120.30	842.10
	75 mm dia U-PVC Door bend	4.00	Nos	122.90	491.60
	75 mm dia U-PVC Plain bend	3.00	Nos	93.00	279.00
26	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 & P.A.C connection Pipe (Neycer/Cerra/ Parry ware/ Hindware)	1.00	Nos	2,139.90	2139.90
27	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.F. Mirror (fixed type)	1.00	Nos	681.90	681.90
28	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.				
	C.P. Towel Ring	1.00	Nos	427.20	427.20
29	Supplying all materials, labour T&P and fixing standard size C.P. soap holder complete with c.p brass brackets fixed to wooden plugs with cp screws as per PH specification and direction of E.I.C				
	C.P. Soap Holder	3.00	Nos	262.40	787.20
30	Supplying all , labour T&P and fitting, fixing of standard size Glass shelf with CP brass bracket and guard rails complete fixed to wooden plugs with CP screw as per specification and direction of E.I.C				
	450x125mm size Plate Acrylic Shelf	1.00	Nos	776.70	776.70
31	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	5.00	Nos	170.30	851.50
32	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) per specification and direction of E.I.C				
	25 mm dia PVC [ASTM] Pipe [Internal]	7.00	Mtr	138.60	970.20
	15 mm dia PVC [ASTM] Pipe [Internal]	7.00	Mtr	91.70	641.90
	25 mm dia PVC [ASTM] Pipe [External]	8.00	Mtr	86.40	691.20
	32 mm dia PVC [ASTM] Pipe [External]	10.00	Mtr	113.70	1137.00
	32 mm dia PVC [ASTM] Pipe [External including E/W]	5.00	Mtr	152.34	761.70
33	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.	4.00	Nos	45.10	180.40
34	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				0.00
	15 mm dia C .P S.B. Bib Cock [Jaquar]	2.00	Nos	814.40	1628.80
	15 mm dia C .P Angle Stop Cock [Jaquar]	3.00	Nos	705.30	2115.90
	15 mm dia C .P Pillar Cock [Jaquar]	1.00	Nos	1,000.70	1000.70
	15 mm dia C .P Extension Piece	2.00	Nos	58.70	117.40
35	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 all complete as per specification and direction of E.I.C [Cerra/Hindware/Parryware]	2.00	Nos	1,535.90	3071.80
	Fitting and fixing of PVC door including all labour and material etc co	2	Nos	2,500.00	5000.00

Case St No. (5)

(6)

36	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. meta 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)	5.00	Mtr	939.50	4697.50
EI					
37	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 conduit with 5AMP,25V,pino type switch make ETC as per direction of engineer in charge.				
	.....do..... Group A (1.2.1-1.24.2)	Point	4	287.85	1151.4
	.....do..... Group B (1.2.1-1.24.2)	Point	4	498.73	1994.92
	.....do..... Group C(1.2.1-1.24.2)	Point	4	762.34	3049.36
	Recessed wiring with fan point Group-B	Point	4	498.73	1994.92
38	S/F of metal box pf 150mmx75mmx60mm deep(Nominal size) etc all	each	2	192.84	385.68
39	S/F of 5amp switch and 5 amp socket outlet etc all	each	4	83.14	332.56
40	S/F of metal box pf 180mmx100mmx60mm deep(Nominal size) etc all	each	2	263.88	527.76
41	PVC insulated single core multistandard copper conductor of ISI mark (ISI mark to Hevels, V guard L&T Finolex)				
	.....do..... 2x1.5sqmm+1x1.5sqmm(1.8.1)	PM	10	120.11	1201.1
	.....do..... 2x2.5sqmm+1x1.5sqmm(1.8.2)	PM	8	134.06	1072.48
	.....do..... 2x1.4sqmm+1x1.5sqmm(1.8.3)	PM	5	151.44	757.2
42	Supply instation testing and commissioning main switch etc all				
	B-do-32amp ICDP main switch	each	1	851.58	851.58
43	200mmx250 mm x60mm deep (1.24.16) for fixing 32amp ICDP main switc	each	1	205.57	205.57
44	250mmx300 mm x60mm deep (1.24.16) for fixing 64amp ICDP main switc	each	1	260.37	260.37
45	s/f B series sp MCB Box lighying and etc all	each	1	127.56	127.56
46	s/f B series sp MCB Box (250v)lighying and etc all	each	1	848.9	848.9
47	8watt CFL Imp,	each	4	606.05	2424.2
48	Holder BK angle	each	4	14.68	58.72
49	soldering of GI wire	PM	1	47.68	47.68
50	18-25 led tube light Fitting including bulb	each	4	688	2752
51	Fan regulator in existing switch board etc all.	each	2	280.82	561.64
52	Supply instation testing and commissioning 10watt led bulb etc all.	each	3	167.58	502.74
53	Fitting and fixing of ceiling fan	each	2	2200	4400
54	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 dia recessed PVC conduit as required (Make of wire- Finolex/ L & T /Anchor/ Hevels/V guard)				
a	-do-2x2.5sqmm +1x1.5sqmm (1.8.2)	Mtr.	38	134.06	5094.28
b	-do- 2x4sqmm +1x1.5sqmm (1.8.3)	Mtr.	18	151.44	2725.92

Rs. 6,24,936.00

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

Signature of Contractor

Sold for the work

on payment of Rs. (Rupees) only towards cost of tender paper vide

CDM & PHO, Balasore

(W) 21/10/20 (21)

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BILL OF QUANTITIES

Name of the work:-

"New construction of Health wellness center at Chormara SC under Basta block in the year 2020-21"

Tender Call Notice No :-
 Approx. Estimated Cost :- Rs. 624963.00
 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	Earthwork in excavation in of foundation in hard soil including rough dressing and levelling the bed etc complete	Cum	3.12	137.40	428.69
2	Filling foundation and plinth with sand well watered and rammed etc complete	Cum	0.52	362.71	188.61
3	Cement concrete (1:3:6) with 4 cm size metal etc. comp.	Cum	0.34	4890.12	1662.64
4	RCC wok of M-20 grade with 20mm downgraded size hard granite chips including hoisting and laying				
5	column base				
6	Grade beam in	Cum	0.69	5256.41	3626.92
7	Column in 1st flor	Cum	0.29	5617.37	1629.04
8	Column in G. F floor	Cum	1.69	13323.81	22517.24
9	Lintel in 1st floor	Cum	0.33	10929.01	3606.57
10	Chajja in 1st floor	Cum	1.50	10786.85	16180.28
11	Beam in 1st floor	Cum	4.55	925.98	4213.21
12	Beam for staircase in GF	Cum	1.50	13323.81	19985.72
13	Roof slab in 1st floor	Cum	0.20	10929.01	2185.80
14	Waist slab	Cum	5.45	11488.11	62610.20
15	Labour for cutting,bending, shifting to site,tying and placing in position HYSD Bar etc. complete.(in Ground Floor)	qtl	2.28	6721.2	15324.34
16	Labour for cutting,bending, shifting to site,tying and placing in position HYSD Bar etc. complete.(in 1st Floor)	qtl	10.95	6744.38	73850.96
17	Fly ash Brick work (1:6) in foundation including all labour and material etc complete. 1st floor	cum	22.81	4588.4	104661.40
18	16mm thick cement plaster in C.M (1:6) including all labour and material etc complete.	sqm	139.85	197.54	27625.97
19	20mm thick cement plaster with c:m (1:4) including watering and	sqm	54.23	218.31	11838.95
20	6mm thick cement plaster in C.M (1:4) including all labour and material etc complete.	sqm	36.98	157.68	5831.01
21	12mm thick cement plaster in C.M (1:6) including all labour and material etc complete.	sqm	98.52	140.45	13837.13

WORK SL. No. (32) Page No. (1)

22	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	35.58	1228.65	43715.37
23	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 precast tiles,all	sqm	10.99	1071.59	11776.77
24	Supplying and fitting and fixing of M.S grill of approved design including all labour and material etc complete.	kg	126.50	114.32	14461.48
25	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
26	Iron work wrought and put up in trusses and record racks	kg	191	96.12	18358.92
27	Painting 2 coats over 1-coat of primer including all labour and material etc complete.	sqm	30.20	238.84	7212.97
28	Distempering 2 coats to wall distemper of approved shade with a coat of primer etc complete.	sqm	169.06	146.93	24839.99
29	Wall painting 2 coat with Weather coat of approved shade to give an even shade including cost of paint.	sqm	93.83	147.37	13827.73
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)				
31	2 x 0.68 x 2.05=	sqm	2.72	2283.10	6210.03
32	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
33	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
34	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
35	110 mm dia U-PVC P' Trap	Nos	5.00	299.70	1498.50
36	110 mm dia U-PVC Door cross Tee	Nos	1.00	350.30	350.30
37	110 mm dia U-PVC Door Bend	Nos	3.00	204.70	614.10
38	110 mm dia U-PVC Plain Bend	Nos	1.00	147.00	147.00
39	110 mm dia U-PVC Cowl	Nos	1.00	77.30	77.30
40	110 mm dia U-PVC Offset	Nos	1.00	180.50	180.50

41	125 mm dia C.P.grating
42	75 mm dia U-PVC Pipes (4 Kg/Cm ²)
43	75 mm dia U-PVC Plain bend
44	75 mm dia U-PVC Door Bend
45	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
46	375 mm thick wall
47	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)
48	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)
49	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
50	C.P. Towel Ring (St.)
51	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.
52	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)
53	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]
54	25mm dia HDPE Pipe [External Including E/W]
55	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.
56	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.

Nos	3.00	69.60	208.80
Mtr	1.00	128.60	128.60
Nos	1.00	93.00	93.00
Nos	1.00	122.90	122.90
Nos	1.00	174.80	174.80
Nos	4.00	222.40	889.60
Nos	1.00	2660.10	2660.10
Nos	1.00	699.90	699.90
Nos	1.00	427.20	427.20
Nos	3.00	268.90	806.70
Mtr	2.00	1077.80	2155.60
Mtr	5.00	95.50	477.50
Mtr	30.00	89.57	2687.10
Nos	4.00	47.80	191.20
Mtr	5.00	162.40	812.00

57	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
58	15 mm dia C .P L.B. Bib Cock [Jaquar]	Nos	2.00	1160.80	2321.60
59	15 mm dia C .P Angle Stop Cock [Jaquar]	Nos	3.00	781.90	2345.70
60	15 mm dia C .P Pillar Cock with long neck [Jaquar]	Nos	1.00	1296.00	1296.00
61	15mm dia C.P. Two Way Bib cock [Jaquar]	Nos	1.00	1013.10	1013.10
62	15mm dia C.P. Health Faucet [Jaquar]	Nos	1.00	1308.40	1308.40
63	15 mm dia C .P Extension Piece	Nos	7.00	58.70	410.90
64	25 mm dia PVC F.W.V[Good Quality]	Nos	1.00	557.70	557.70
65	Recessed wiring to light point with 1.5sqmm FR PVC insulatd single core multistand 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 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)				
66	-do- Light point Group A (1.1.1-1.24.2)	Point	9	290.87	2617.83
67	-do- Light point Group B (1.1.1-1.24.2)	Point	1	502.76	502.76
68	-do- Fan point Group B (1.1.2-1.24.2)	Point	2	502.76	1005.52
69	-do- Ex-Fan point Group B (1.1.3-1.24.2)	Point	2	767.38	1534.76
70	SIF 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.				
71	-do-200mmx150mmx60mm deep(1.24.7)	Each	4	165.29	661.16
72	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
73	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 out let & 15/16 amp. piano type switch, connection, painting etc as required (1.27)	Each	1	263.88	263.88
74	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).				
75	-do-2x2.5sqmm +1x1.5sqmm (1.8.2)	Mtr.	30	134.06	4021.80
76	-do- 2x4sqmm +1x1.5sqmm (1.8.3)	Mtr.	10	151.44	1514.40
77	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
78	250mmx300mmx100mm deep(1.24.13) for fixing 63Amp IC DP Main switch.	Each	1	274.07	274.07

79	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
80	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
81	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
82	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
83	Supply and laying 6 SWG G.I wire in recess for loop earthing as required (3.18)	Mtr.	7	47.68	333.76
84	Supply & Fixing of 48" A.C. ceiling fan without regulator including numbering of reputed mark including all connections (Make:Usha Striker One/Neo/ Crompton-Riviera highspeed/Havells-Samrat/ Anchor-Penta Turbo/ Orient-Summer king/ Breeze)	Each	2	2103.00	4206.00
85	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
86	S/F of Fan hok S'type made of 16mm MS rod as per specificationn	Each	2	204.00	408.00
87	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
88	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
89	S/F of 9W LED bulb (Make: Havels /Phillips /Crompton/Polycab/PAC/HPL)	Each	5	167.58	837.90
				Total	624963.29
				Say	624963.00

TOTAL 89 (Eighty Nine) Items only

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

(Rate to be quoted both figure & ward)

Less than / equal to the estimated cost of Rs. 624963.00

Sold on payment of Rs.

/- (Rupees

Signature of Contractor

) Only

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

 APPROVED

Chief District Medical & PHO
Balasore

WORK SL. NO. - 32 page NO. - 5

BILL OF QUANTITIES

"New construction of Health wellness center at Nuagooon SC under
Basta block in the year 2020-21"

Name of the work :-

Tender Call Notice No :-
 Approx. Estimated Cost :- Rs. 624941.00
 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	Earthwork in excavation in of foundation in hard soil including rough dressing and levelling the bed etc complete	Cum	3.12	137.40	428.69
2	Filling foundation and plinth with sand well watered and rammed etc complete	Cum	0.52	433.82	225.59
3	Cement concrete (1:3:6) with 4 cm size metal etc. comp.	Cum	0.34	4719.43	1604.61
4	RCC wok of M-20 grade with 20mm downgraded size hard granite chips including hoisting and laying				
5	column base	Cum	0.86	5065.02	4355.92
6	Grade beam in	Cum	0.29	5425.97	1573.53
7	Column in 1st floor	Cum	1.69	13132.47	22193.87
8	Column in G.F floor	Cum	0.33	10737.61	3543.41
9	Lintel in 1st floor	Cum	1.50	10595.52	15893.28
10	Chajja in 1st floor	Cum	4.55	913.83	4157.93
11	Beam in 1st floor	Cum	1.50	13132.47	19698.71
12	Beam for staircase in GF	Cum	0.20	10737.61	2147.52
13	Roof slab in 1st floor	Cum	5.45	11296.78	61567.45
14	Waist slab	Cum	1.35	11384.18	15368.64
15	Labour for cutting bending shifting to site tying and placing in position HYSD Bar etc. complete (in Ground Floor)	qtl	2.41	6696.42	16138.37
16	Labour for cutting bending shifting to site tying and placing in position HYSD Bar etc. complete (in 1st Floor)	qtl	10.95	6719.59	73579.51
17	Fly ash Brick work (1:6) in foundation including all labour and material etc complete 1st floor	cum	22.81	4648.5	106032.29
18	16mm thick cement plaster in C.M (1:6) including all labour and material etc complete	sqm	139.85	197.81	27663.73
19	20mm thick cement plaster with c.m (1:4) including watering and	sqm	54.23	218.04	11824.31
20	6mm thick cement plaster in C.M (1:4) including all labour and material etc complete	sqm	36.98	157.32	5817.69
21	12mm thick cement plaster in C.M (1:6) including all labour and material etc complete.	sqm	98.52	140.69	13860.78
22	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	35.58	1223.10	43517.90
23	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 precast tiles.all	sqm	10.99	1069.41	11752.82
24	Supplying and fitting and fixing of M.S grill of approved design including all labour and material etc complete.	kg	126.50	114.32	14461.48

WORK SL. No. (33) Page No. (1)

25	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
26	Iron work wrought and put up in trusses and record racks	kg	175	96.12	16821
27	Painting 2 coats over 1-coat of primer including all labour and material etc complete	sqm	30.20	238.84	7212.97
28	Distemping 2 coats to wall distemper of approved shade with a coat of primer etc complete	sqm	169.06	146.93	24839.99
29	Wall painting 2 coat with Weather coat of approved shade to give an even shade including cost of paint	sqm	103.96	147.37	15320.59
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)				
31	2 x 0.68 x 2.05=	sqm	2.72	2283.10	6210.03
32	Supplying all materials labour T&P and fixing water closet. (Orissa pattern squatting pan) duly embeded in c.c. (1:5:10) using 4cm hg 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
33	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
34	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/Cm ²)	Mtr	5.30	217.70	1153.81
35	110 mm dia U-PVC P' Trap	Nos	5.00	299.70	1498.50
36	110 mm dia U-PVC Door cross Tee	Nos	1.00	350.30	350.30
37	110 mm dia U-PVC Door Bend	Nos	3.00	204.70	614.10
38	110 mm dia U-PVC Plain Bend	Nos	1.00	147.00	147.00
39	110 mm dia U-PVC Cowl	Nos	1.00	77.30	77.30
40	110 mm dia U-PVC Offset	Nos	1.00	180.50	180.50
41	125 mm dia C.P grating	Nos	3.00	69.60	208.80
42	75 mm dia U-PVC Pipes (4 Kg/Cm ²)	Mtr	1.00	128.60	128.60
43	75 mm dia U-PVC Plain bend	Nos	1.00	93.00	93.00
44	75 mm dia U-PVC Door Bend	Nos	1.00	122.90	122.90
45	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
46	375 mm thick wall	Nos	4.00	222.40	889.60

47	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
48	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
49	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				
50	C P Towel Ring (St)	Nos	1.00	427.20	427.20
51	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
52	Supplying all materials. labour. T&P and laying 110 mm dia U-PVC Pipe and aligning to requisite gradient inside the trench encasing all round of the pipe with c.c (1:3:6) using 4 CM size h.g metal and CC(1:3:6) with 4CM size h.g metal in the bed of the trench including lowering the pipes to the bed of the trench. earth excavation in trenches in all kinds of soil. refilling the same in layer of 0.3 mtrs with watering and ramming. removing of surplus earth. testing of sewerage line including use of T&P as per PH Specification and direction of E.I.C. 110 mm dia U-PVC Pipe Sewerage line with all round encasing (IS-4985/2000- 4 Kg/Cm2)	Mtr	2.00	1077.80	2155.60
53	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
54	25mm dia HDPE Pipe [External Including E/W]	Mtr	30.00	89.57	2687.10
55	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
56	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
57	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
58	15 mm dia C P L B Bib Cock [Jaquar]	Nos	2.00	1160.80	2321.60
59	15 mm dia C P Angle Stop Cock [Jaquar]	Nos	3.00	781.90	2345.70
60	15 mm dia C P Pillar Cock with long neck [Jaquar]	Nos	1.00	1296.00	1296.00
61	15mm dia C P Two Way Bib cock [Jaquar]	Nos	1.00	1013.10	1013.10
62	15mm dia C P Health Faucet [Jaquar]	Nos	1.00	1308.40	1308.40
63	15 mm dia C P Extension Piece	Nos	7.00	58.70	410.90
64	25 mm dia PVC F.W.V[Good Quality]	Nos	1.00	557.70	557.70

65	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)				
66	-do- Light point Group A (1 1 1-1 24 2)	Point	9	290 87	2617 83
67	-do- Light point Group B (1 1 1-1 24 2)	Point	1	502 76	502 76
68	-do- Fan point Group B (1 1 2-1 24 2)	Point	2	502 76	1005 52
69	-do- Ex-Fan point Group B (1 1 3-1 24 2)	Point	2	767 38	1534 76
70	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.				
71	-do-200mmx150mmx60mm deep(1 24 7)	Each	4	165 29	661 16
72	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
73	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
74	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 16mm in recessed PVC conduit as required ; Make of wire- Finollex/ L & T /Anchor/ Havels/V-guard)				
75	-do-2x2.5sqmm +1x1.5sqmm (1 8 2)	Mtr	30	134 06	4021 80
76	-do- 2x4sqmm +1x1.5sqmm (1 8 3)	Mtr	10	151 44	1514 40
77	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
78	250mmx300mmx100mm deep(1.24.13) for fixing 63Amp IC DP Main switch.	Each	1	274 07	274 07
79	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
80	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
81	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
82	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
83	Supply and laying 6 SWG G.I wire in recess for loop earthing as required (3 18)	Mtr	7	47 68	333 76

84	Supply & Fixing of 48" A.C. ceiling fan without regulator including numbering of reputed mark including all connections (Make Usha/Striker/One/Neo/ Crompton-Riviera/ highspeed/Havells-Samrat/Anchor-Penta Turbo/ Orient-Summer king/ Breeze)	Each	2	2103 00	4206 00
85	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
86	S/F of Fan hook S'type made of 16mm MS rod as per specification	Each	2	204 00	408 00
87	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
88	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 Havells /Phillips /Crompton/Polycab/PAC/HPL)	Each	1	3380 00	3380 00
89	S/F of 9W LED bulb (Make Havells /Phillips /Crompton/Polycab/PAC/HPL)	Each	5	167 58	837 90

Total 624940.92

Say 624941.00

TOTAL 89 (Eighty Nine) Items only

My/ our quoted rate is% Excess over /

Less than / equal to the estimated cost of Rs. 624941 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. (33), Page No. (5)

BILL OF QUANTITIES

"New construction of Health wellness center at Kusudiha SC
under Basta block in the year 2020-21"

Name of the work -

Tender Call Notice No -
 Approx. Estimated Cost - Rs. 624937.00
 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	Earthwork in excavation in of foundation in hard soil including rough dressing and levelling the bed etc complete	Cum	2.77	137.40	380.60
2	Filling foundation and plinth with sand well watered and rammed etc complete	Cum	0.52	433.82	225.59
3	Cement concrete (1:3:6) with 4 cm size metal etc. comp.	Cum	0.34	4792.35	1629.40
4	RCC wok of M-20 grade with 20mm downgraded size hard granite chips including hoisting and laying				
5	column base	Cum	0.86	5147.84	4427.14
6	Grade beam in	Cum	0.29	5508.79	1597.55
7	Column in 1st flor	Cum	1.69	13215.23	22333.74
8	Column in G F floor	Cum	0.33	10820.43	3570.74
9	Lintel in 1st floor	Cum	1.50	10678.28	16017.42
10	Chajja in 1st floor	Cum	4.55	919.08	4181.81
11	Beam in 1st floor	Cum	1.50	13215.23	19822.85
12	Beam for staircase in GF	Cum	0.20	10820.43	2164.09
13	Roof slab in 1st floor	Cum	5.45	11379.54	62018.49
14	Waist slab	Cum	1.35	11467.00	15480.45
15	Labour for cutting bending shifting to site tying and placing in position HYSD Bar etc complete (in Ground Floor)	qtl	2.41	6707.76	16165.70
16	Labour for cutting bending shifting to site tying and placing in position HYSD Bar etc complete.(in 1st Floor)	qtl	10.95	6730.94	73703.79
17	Fly ash Brick work (1:6) in foundation including all labour and material etc complete 1st floor	cum	22.81	4655.7	106196.52
18	16mm thick cement plaster in C.M (1:6) including all labour and material etc complete	sqm	139.85	198.27	27728.06
19	20mm thick cement plaster with c.m (1:4) including watering and	sqm	54.23	218.83	11867.15
20	6mm thick cement plaster in C.M (1:4) including all labour and material etc complete	sqm	36.98	157.73	5832.86
21	12mm thick cement plaster in C.M (1:6) including all labour and material etc complete	sqm	98.52	141.07	13898.22
22	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	35.58	1226.06	43623.21
23	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 precast tiles.all	sqm	10.99	1070.89	11769.08

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24	Supplying and fitting and fixing of M.S grill of approved design including all labour and material etc complete	kg	126 50	114 32	14461 48
25	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
26	Iron work wrought and put up in trusses and record racks	kg	156 25	96 12	15018 75
27	Painting 2 coats over 1-coat of primer including all labour and material etc complete.	sqm	30 20	238 84	7212 97
28	Distemping 2 coats to wall distemper of approved shade with a coat of primer etc complete	sqm	169 06	146 93	24839 99
29	Wall painting 2 coat with Weather coat of approved shade to give an even shade including cost of paint.	sqm	104 71	147 37	15431 11
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);				
31	2 x 0.68 x 2.05=	sqm	2.72	2283 10	6210.03
32	Supplying all materials labour T&P and fixing water closet, (Orissa pattern squatting pan) duly embedded in c.c. (1:5:10) using 4cm hg 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
33	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
34	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
35	110 mm dia U-PVC P' Trap	Nos	5.00	299 70	1498 50
36	110 mm dia U-PVC Door cross Tee	Nos	1.00	350 30	350 30
37	110 mm dia U-PVC Door Bend	Nos	3 00	204 70	614 10
38	110 mm dia U-PVC Plain Bend	Nos	1 00	147 00	147 00
39	110 mm dia U-PVC Cowl	Nos	1 00	77 30	77 30
40	110 mm dia U-PVC Offset	Nos	1.00	180 50	180 50
41	125 mm dia C.P grating	Nos	3.00	69 60	208 80
42	75 mm dia U-PVC Pipes (4 Kgf/Cm ²)	Mtr	1.00	128 60	128 60
43	75 mm dia U-PVC Plain bend	Nos	1.00	93 00	93 00
44	75 mm dia U-PVC Door Bend	Nos	1.00	122 90	122 90
45	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
46	375 mm thick wall	Nos	4.00	222 40	889 60

47	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
48	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
49	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				
50	C.P. Towel Ring (St)	Nos	1.00	427.20	427.20
51	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 c.p screws as per PH specification and direction of E.I.C C.P.Soap Holder.	Nos	3.00	268.90	806.70
52	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
53	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
54	15mm dia HDPE Pipe [External Including E/W]	Mtr	30.00	89.57	2687.10
55	Supplying all materials, labour T&P and cutting holes through brick/stone masonry works including making good the damages in 1:1:4 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
56	Supplying all materials, labour T&P and cutting grooves in pucca floors and walls for taking GI/P.V.C pipes and making good the damages as per direction of the E.I.C.	Mtr	5.00	162.40	812.00
57	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
58	15 mm dia C.P.L.B. Bib Cock [Jaquar]	Nos	2.00	1160.80	2321.60
59	15 mm dia C.P Angle Stop Cock [Jaquar]	Nos	3.00	781.90	2345.70
60	15 mm dia C.P Pillar Cock with long neck [Jaquar]	Nos	1.00	1296.00	1296.00
61	15mm dia C.P Two Way Bib cock [Jaquar]	Nos	1.00	1013.10	1013.10
62	15mm dia C.P Health Faucet [Jaquar]	Nos	1.00	1308.40	1308.40
63	15 mm dia C.P Extension Piece	Nos	7.00	58.70	410.90
64	25 mm dia PVC F.W.V[Good Quality]	Nos	1.00	557.70	557.70

65	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)				
66	-do- Light point Group A (1.1.1-1 24.2)	Point	9	290.87	2617.83
67	-do- Light point Group B (1.1.1-1 24.2)	Point	1	502.76	502.76
68	-do- Fan point Group B (1.1.2-1 24.2)	Point	2	502.76	1005.52
69	-do- Ex-Fan point Group B (1.1.3-1 24.2)	Point	2	767.38	1534.76
70	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.				
71	-do-200mmx150mmx60mm deep(1 24.7)	Each	4	165.29	661.16
72	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
73	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 let & 15/16 amp piano type switch connection, painting etc as required (1 27)	Each	1	263.88	263.88
74	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)				
75	-do-2x2.5sqmm +1x1.5sqmm (1.8.2)	Mtr	30	134.06	4021.80
76	-do- 2x4sqmm +1x1.5sqmm (1.8.3)	Mtr	10	151.44	1514.40
77	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 HRC 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
78	150mmx300mmx100mm deep(1 24.13) for fixing 63Amp IC DP Main switch	Each	1	274.07	274.07
79	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
80	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
81	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
82	Earthing with GI 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
83	Supply and laying 6 SWG GI wire in recess for loop earthing as required (3.18).	Mtr	7	47.68	333.76

84	Supply & Fixing of 48" A.C ceiling fan without regulator including numbering of reputed mark including all connections (Make: Usha-Striker/ One/Neo/ Crompton-Riviera/ highspeed/Havells-Samrat/ Anchor-Penta Turbo/ Orient-Summer king/ Breeze)	Each	2	2103.00	4206.00
85	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
86	S/F of Fan hook S/type made of 16mm MS rod as per specification	Each	2	204.00	408.00
87	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
88	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: Havells /Phillips /Crompton/Polycab/PAC/HPL)	Each	1	3380.00	3380.00
89	S/F of 9W LED bulb (Make: Havells /Phillips /Crompton/Polycab/PAC/HPL)	Each	5	167.58	837.90

Total 624937.12

Say 624937.00

TOTAL 89 (Eighty Nine) Items only

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

Less than / equal to the estimated cost of Rs. 624937.00

(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 _____

✓ 15/12/20 APPROVED

Chief District Medical & PHO
Balasore

WORK SL. NO - (34), page No - (5)

BILL OF QUANTITIES

**"New construction of Health wellness center at Srirampur
SC under Basta block in the year 2020-21"**

Name of the work:-

Tender Call Notice No :-
 Approx Estimated Cost :- **Rs. 624923.00**
 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	Earthwork in excavation in of foundation in hard soil including rough dressing and levelling the bed etc	Cum	2.77	137.40	380.60
2	Filling foundation and plinth with sand well watered and rammed etc complete	Cum	0.52	504.92	262.56
3	Cement concrete (1:3:6) with 4 cm size metal etc. comp.	Cum	0.34	4800.53	1632.18
4	RCC wok of M-20 grade with 20mm downgraded size hard granite chips including hoisting and laying				
5	column base	Cum	0.86	5154.30	4432.70
6	Grade beam in	Cum	0.29	5515.26	1599.43
7	Column in 1st flor	Cum	1.69	13221.73	22344.72
8	Column in G. F floor	Cum	0.33	10826.90	3572.88
9	Lintel in 1st floor	Cum	1.50	10684.77	16027.16
10	Chajja in 1st floor	Cum	4.55	919.50	4183.73
11	Beam in 1st floor	Cum	1.50	13221.73	19832.60
12	Beam for staircase in GF	Cum	0.20	10826.90	2165.38
13	Roof slab in 1st floor	Cum	5.45	11386.03	62053.86
14	Waist slab	Cum	1.35	11473.46	15489.17
15	Labour for cutting,bending, shifting to site,tying and placing in position HYSD Bar etc. complete.(in Ground Floor)	qtl	2.41	6706.89	16163.60
16	Labour for cutting,bending, shifting to site,tying and placing in position HYSD Bar etc. complete.(in 1st Floor)	qtl	10.95	6730.07	73694.27
17	Fly ash Brick work (1:6) in foundation including all labour and material etc complete. 1st floor	cum	22.81	4731.1	107916.39
18	16mm thick cement plaster in C.M (1:6) including all labour and material etc complete	sqm	139.85	199.51	27901.47
19	20mm thick cement plaster with c:m (1:4) including watering and	sqm	54.23	220.27	11945.24
20	6mm thick cement plaster in C.M (1:4) including all labour and material etc complete.	sqm	36.98	158.23	5851.35
21	12mm thick cement plaster in C M (1:6) including all labour and material etc complete.	sqm	98.52	142.11	14000.68
22	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	35.58	1226.76	43648.12

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23	Fixing ceramic tiles in floors, treads or steps and landing on 25mm thick bed of c.m. 1:1 jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles, all materials, labour, t&p, all taxes of materials	sqm	10.99	1071.84	11779.52
24	Supplying and fitting and fixing of M.S grill of approved design including all labour and material etc complete.	kg	126.50	114.32	14461.48
25	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
26	Iron work wrought and put up in trusses and record racks	kg	137.5	96.12	13216.5
27	Painting 2 coats over 1-coat of primer including all labour and material etc complete.	sqm	30.20	238.84	7212.97
28	Distempering 2 coats to wall distemper of approved shade with a coat of primer etc complete.	sqm	169.06	146.93	24839.99
29	Wall painting 2 coat with Weather coat of approved shade to give an even shade including cost of paint.	sqm	101.62	147.37	14975.74
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)				
31	2 x 0.68 x 2.05 =	sqm	2.72	2283.10	6210.03
32	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
33	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
34	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
35	110 mm dia U-PVC P' Trap	Nos	5.00	299.70	1498.50
36	110 mm dia U-PVC Door cross Tee	Nos	1.00	350.30	350.30
37	110 mm dia U-PVC Door Bend	Nos	3.00	204.70	614.10
38	110 mm dia U-PVC Plain Bend	Nos	1.00	147.00	147.00
39	110 mm dia U-PVC Cowl	Nos	1.00	77.30	77.30
40	110 mm dia U-PVC Offset	Nos	1.00	180.50	180.50

41	125 mm dia C.P.grating	Nos	3.00	69.60	208.80
42	75 mm dia U-PVC Pipes (4 Kgf/Cm ²)	Mtr	1.00	128.60	128.60
43	75 mm dia U-PVC Plain bend	Nos	1.00	93.00	93.00
44	75 mm dia U-PVC Door Bend	Nos	1.00	122.90	122.90
45	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
46	375 mm thick wall	Nos	4.00	222.40	889.60
47	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
48	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
49	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
50	C.P. Towel Ring (St.)	Nos	1.00	427.20	427.20
51	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
52	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
53	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
54	25mm dia HDPE Pipe [External Including E/W]	Mtr	30.00	89.57	2687.10
55	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

56	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
57	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.	Nos	2.00	939.30	1878.60
	Bib Cock [Jaquar]				
58	15 mm dia C P L.B Bib Cock [Jaquar]	Nos	2.00	1150.80	2321.60
59	15 mm dia C P Angle Stop Cock [Jaquar]	Nos	3.00	781.90	2345.70
60	15 mm dia C P Pillar Cock with long neck [Jaquar]	Nos	1.00	1296.00	1296.00
61	15mm dia C.P. Two Way Bib cock [Jaquar]	Nos	1.00	1013.10	1013.10
62	15mm dia C.P. Health Faucet [Jaquar]	Nos	1.00	1308.40	1308.40
63	15 mm dia C P Extension Piece	Nos	7.00	58.70	410.90
64	25 mm dia PVC F W.V[Good Quality]	Nos	1.00	557.70	557.70
65	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)				
66	-do- Light point Group A (1.1.1-1.24.2)	Point	9	290.87	2617.83
67	-do- Light point Group B (1.1.1-1.24.2)	Point	1	502.76	502.76
68	-do- Fan point Group B (1.1.2-1.24.2)	Point	2	502.76	1005.52
69	-do- Ex-Fan point Group B (1.1.3-1.24.2)	Point	2	767.38	1534.76
70	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.				
71	-do-200mmx150mmx60mm deep(1.24.7)	Each	4	165.29	661.16
72	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
73	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
74	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)				
75	-do-2x2.5sqmm +1x1.5sqmm (1.8.2)	Mtr	30	134.06	4021.80
76	-do- 2x4sqmm +1x1.5sqmm (1.8.3)	Mtr	10	151.44	1514.40

TCN - / /2019-20

TENDER SCHEDULE

Name of the work	New Construction of HWC SC at Ramakrushnapur under Simulia Block				
Estimated cost	624822.00				
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.	7.08	Cum	184.59	1306.59
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.	1.42	Cum	730.77	1034.50
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.	0.71	Cum	4577.23	3239.83
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	0.51	Cum	4843.67	2468.46
4-b	Column	0.40	Cum	11976.70	4747.28
4-c	Column (1st floor)	1.76	Cum	13510.90	23717.14
4-d	Lintel(1st floor)	1.21	Cum	9226.94	11130.45
4-e	Chajja(1st floor)	3.72	Sqm	877.69	3261.59
4-f	Wall beam(Ground floor)	0.31	Cum	11976.70	3737.60
4-g	Wall beam(1st floor)	2.27	Cum	13510.90	30701.12
4-h	<i>slab(1st floor)</i>	4.75	Cum	9928.52	47201.34
4-i	<i>Staircase</i>	1.95	Cum	10032.80	19554.30

Done Sl. No. (20)

C

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.(Ground floor)	1.22	Qntl	7404.24	9018.92
6	Cutting, bending, binding of HYSD bars in proper position including cost of binding wire of 18 to 20 gauge, labour, T & P etc complete as per direction of the Engineer-in-charge.(1st floor)	12.87	Qntl	7425.91	95581.82
7	Brick work with Fly ash bricks having c.strength between 75 to 99 kg/cm ² in cm (1:6) including cost of all materials royalty, watering, and labour etc. complete as per direction of the Engineer-in-charge.				
8	Superstructure	24.94	Cum	5015.39	125094.77
9	A/R-P 109/item No.26:6mm thick Cement plaster (1:4) finished smooth per 1 Sqm. including curing etc. complete.(1st floor)	36.55	Sq.m	131.88	4820.85
10	16mm thick Cement plaster (1:6) over brickwork including curing etc. complete.	97.03	Sq.m	202.13	19611.41
11	12mm thick Cement plaster (1:6) for brickwork including curing etc. complete.	79.90	Sq.m	144.18	11519.14
12	A/R-P 93/item No.1:Priming 1-coat with any approved primer including all labour etc complete.	213.48	Sq.m	57.59	12293.46
13	Distempering 2-coat to walls with distemper of approved shade on old/new work to give on even shade excluding cost of distemper.	97.03	Sq.m	64.36	6244.83
14	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 10Sq.m.)	139.75	Sq.m	73.12	10218.82
15	Painting 1-coat with any approved primer including all labour etc complete.	7.62	Sq.m	133.00	1013.20
16	Window grill in mild steel refer item no.2 of A/R page- 224 .	162.00	Kg	57.88	9376.73
17	M.S door and window in mild steel refer item no.2 of A/R page-224 .	501.50	Kg	113.89	57114.63
18	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)	32.42	Sqm	1200.07	38910.81
P.H. work and Internal fittings					
19	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	715.05	5275.12
20	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	755.11	10296.38

Q.2000 S1 No. 26

(9)

21	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
22	Supplying all labour, materials, T&P, fitting and fixing of plastic door shutters to be made of selective PVC Profiles, The styles & rails are made of section measuring 24mm x 59mm. A lock rail is provided horizontally at the required place for strength and firmness measuring 24mm x 100mm. The panel are provided a size measuring 200mm x 20mm. All the four corners are provided with MS/Fibre 'L' angles of size 200mm x 100mm and fitted with steel screw. The door to be hanged to the frame with the help of 100mm S.S. hinges and self tapping screw three nos. steel handle two nos. and 150mm long steel tower bolt two nos. all complete as per specification and direction of E.I.C.(Joint less Single Piece)	2.67	Sqm	2283.10	6084.46
23	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)	1.00	No	2826.20	2826.20
24	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
25	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
26	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)	10.00	Mtr	206.00	2060.00
27	110 mm dia U-PVC P' Trap	4	Nos	299.70	1198.80
28	110 mm dia U-PVC Double Junction Door	1	Nos	350.30	350.30
29	110 mm dia U-PVC Plain Tee	1	Nos	267.00	267.00
30	110 mm dia U-PVC Door Bend	4	Nos	204.70	818.80
31	110 mm dia U-PVC Plain Bend	3	Nos	147.00	441.00

Work st no. (36)

(7)

32	110 mm dia U-PVC Offset	1	Nos	180.50	180.50
33	110 mm dia U-PVC Cowl	1	Nos	77.30	77.30
34	125 mm dia C.P. grating	4	Nos	68.30	273.20
35	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
36	Supplying all materials, labour T&P and fixing mirror of superior glass mounted on 6mm thick plywood sheet and fixed to wooden plugs with C.P screws and washers complete as per P.H specification and direction of E.I.C.-- 600mm x 450mm B.E. Mirror (fixed type)	1	No	695.70	695.70
37	Supplying all materials, labour T&P and fixing standard size C.P. soap holder complete with c.p brass brackets fixed to wooden plugs with cp screws as per PH specification and direction of E.I.C C.P.Soap Holder.	2	Nos	267.40	534.80
38	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
39	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
40	375 mm thick wall	1	Nos	224.90	224.90
41	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)	3.4	Mtr	1,058.90	3600.26

Done at No (36)

(4)

42	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	Mtr	94.50	472.50
43	25 mm dia PVC (ASTM) Pipe) [External]	15	Mtr	87.20	1308.00
44	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
45	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
46	15 mm dia C .P (c) Stop Cock[Essco/Plaza/Amber/ Aquatic]	1	Nos	854.70	854.70
47	15 mm dia C .P Angle Stop Cock[Essco/Plaza/Amber/ Aquatic]	3	Nos	711.80	2135.40
48	15 mm dia C .P Pillar Cock with long neck [Essco/Plaza/Amber/ Aquatic]	1	No	809.80	809.80
49	25 mm dia PVC F.W.V[Good Quality]	1	Nos	557.10	557.10
50	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	1	Nos	1,567.20	1567.20
Electrification					
51	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.				
52	.....do..... Group A (1.2.1-1.24.2)	2	Point	287.85	575.70
53	.....do..... Group B (1.2.1-1.24.2)	2	Point	498.73	997.46
54	.....do..... Group C(1.2.1-1.24.2)	2	Point	762.34	1524.68
55	Recessed wiring with fan point Group-B	2	Point	498.73	997.46
56	S/F of metal box pf 150mmx75mmx60mm deep(Nominal	2	each	192.84	385.68
57	S/F of 5amp switch and 5 amp socket outlet etc all	2	each	83.14	166.28
58	S/F of metal box pf 180mmx100mmx60mm deep(Nominal	2	each	263.88	527.76
59	PVC insulated single core multistandard copper conductor				0.00
60	.....do..... 2x1.5sqmm+1x1.5sqmm(1.8.1)	3	PM	120.11	360.33
61	.....do..... 2x2.5sqmm+1x1.5sqmm(1.8.2)	3	PM	134.06	402.18

C) Con S/ No (36)

(3)

62	.....do..... 2x1.4sqmm+1x1.5sqmm(1.8.3)	3	PM	151.44	454.32
63	Supply instation testing and commissioning main switch etc all				0.00
64	B-do-32amp ICDP main switch	1	each	851.58	851.58
65	200mmx250 mm x60mm deep (1.24.16) for fixing 32amp	1	each	205.57	205.57
66	250mmx3000 mm x60mm deep (1.24.16) for fixing 64amp	1	each	260.37	260.37
67	Holder BK angle	3	each	14.68	44.04
68	soldering of GI wire	5	PM	47.68	238.40
69	18-25 led tube light Fitting including bulb	2	each	688	1376.00
70	Fitting and fixing of ceilling fan	2	each	2500	5000.00
71	Fan regulator in existing switch board etc all.	2	each	280.82	561.64
72	Supply instation testing and commissioning 10watt led bulb etc all.	6	each	167.58	1005.48

624822.07

Say **624822.00**

Signature of Contractor

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

[Handwritten signature]
10/12/20

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

Wone S' no. (36)

(6)

TENDER SCHEDULE

Name of the work		New Construction of HWC SC at Sabanga(Sahigaon) under Simulia Block			
Estimated cost		624987.00			
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.	7.08	Cum	184.59	1306.59
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.	1.42	Cum	768.47	1087.86
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.	0.71	Cum	4628.24	3275.94
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	0.51	Cum	4905.86	2500.15
4-b	Column	0.40	Cum	12038.89	4771.93
4-c	Column (1st floor)	1.76	Cum	13573.08	23826.30
4-d	Lintel(1st floor)	1.21	Cum	9289.13	11205.46
4-e	Chajja(1st floor)	3.72	Sqm	881.74	3276.61
4-f	Wall beam(Ground floor)	0.31	Cum	12038.89	3757.01
4-g	Wall beam(1st floor)	2.27	Cum	13573.08	30842.42
4-h	<i>slab(1st floor)</i>	4.75	Cum	9990.71	47496.97
4-i	<i>Staircase</i>	1.95	Cum	10094.98	19675.50
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.(Ground floor)	1.22	Qntl	7395.87	9008.72

Done at No. (27)

(1)

6	Cutting, bending, binding of HYSD bars in proper position including cost of binding wire of 18 to 20 gauge, labour, T & P etc complete as per direction of the Engineer-in-charge.(1st floor)	12.87	Qntl	7417.53	95473.97
7	Brick work with Fly ash bricks having c.strength between 75 to 99 kg/cm ² in cm (1:6) including cost of all materials royalty, watering, and labour etc. complete as per direction of the Engineer-in-charge.				
8	Superstructure	24.94	Cum	5020.58	125224.26
9	A/R-P 109/item No.26:6mm thick Cement plaster (1:4) finished smooth per 1 Sqm. including curing etc. complete.(1st floor)	36.55	Sq.m	131.95	4823.28
10	16mm thick Cement plaster (1:6) over brickwork including curing etc. complete.	97.03	Sq.m	202.46	19643.95
11	12mm thick Cement plaster (1:6) for brickwork including curing etc. complete.	79.90	Sq.m	144.46	11541.49
12	A/R-P 93/item No.1:Priming 1-coat with any approved primer including all labour etc complete.	213.48	Sq.m	57.59	12293.46
13	Distempering 2-coat to walls with distemper of approved shade on old/new work to give on even shade excluding cost of distemper.	97.03	Sq.m	64.36	6244.83
14	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.)	139.75	Sq.m	73.12	10218.82
15	Painting 1-coat with any approved primer including all labour etc complete.	7.62	Sq.m	133.00	1013.20
16	Window grill in mild steel refer item no.2 of A/R page- 224 .	162.00	Kg	57.88	9376.73
17	M.S.door and window in mild steel refer item no.2 of A/R page-224 .	501.50	Kg	113.89	57114.63
18	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)	32.42	Sqm	1195.71	38769.38
19	P.H. work and Internal fittings				
20	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	710.73	5243.26
21	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	751.91	10252.75
22	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	9.90	Mtr	340.80	3373.92

W. S. S. S. (37)

(2)

23	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
24	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
25	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
26	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
27	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	10.00	Mtr	206.00	2060.00
28	110 mm dia U-PVC P' Trap	4	Nos	299.70	1198.80
29	110 mm dia U-PVC Double Junction Door	1	Nos	350.30	350.30
30	110 mm dia U-PVC Plain Tee	1	Nos	267.00	267.00
31	110 mm dia U-PVC Door Bend	4	Nos	204.70	818.80
32	110 mm dia U-PVC Plain Bend	3	Nos	147.00	441.00
33	110 mm dia U-PVC Offset	1	Nos	180.50	180.50
34	110 mm dia U-PVC Cowl	1	Nos	77.30	77.30
35	125 mm dia C.P.grating	4	Nos	68.30	273.20

W. S. S. (37)

(3)

46	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. Rib Cock [Essco/Plaza/Amber/Aquatic]	2	No	697.20	1394.40
47	15 mm dia C .P (c) Stop Cock[Essco/Plaza/Amber/Aquatic]	1	Nos	854.70	854.70
48	15 mm dia C .P Angle Stop Cock[Essco/Plaza/Amber/Aquatic]	3	Nos	711.80	2135.40
49	15 mm dia C .P Pillar Cock with long neck [Essco/Plaza/Amber/ Aquatic]	1	No	809.80	809.80
50	25 mm dia PVC F.W.VI[Good Quality]	1	Nos	557.10	557.10
51	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	1	Nos	1,567.20	1567.20
52	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.				
53	.....do..... Group A (1.2.1-1.24.2)	2	Point	287.85	575.70
54	.....do..... Group B (1.2.1-1.24.2)	2	Point	498.73	997.46
55	.....do..... Group C(1.2.1-1.24.2)	2	Point	762.34	1524.68
56	Recessed wiring with fan point Group-B	2	Point	498.73	997.46
57	S/F of metal box pf 150mmx75mmx60mm deep(Nominal	2	each	192.84	385.68
58	S/F of 5amp switch and 5 amp socket outlet etc all	2	each	83.14	166.28
59	S/F of metal box pf 180mmx100mmx60mm deep(Nominal	2	each	263.88	527.76
60	PVC insulated single core multistandard copper				0.00
61	.....do..... 2x1.5sqmm+1x1.5sqmm(1.8.1)	3	PM	120.11	360.33
62	.....do..... 2x2.5sqmm+1x1.5sqmm(1.8.2)	3	PM	134.06	402.18
63	.....do..... 2x1.4sqmm+1x1.5sqmm(1.8.3)	3	PM	151.44	454.32
64	Supply instation testing and commissioning main switch etc all				0.00
65	B-do-32amp ICDP main switch	1	each	851.58	851.58
66	Holder BK angle	3	each	14.68	44.04
67	soldering of GI wire	2	PM	47.68	95.36
68	18-25 led tube light Fitting including bulb	2	each	688	1376.00
69	Fitting and fixing of ceiling fan	2	each	2500	5000.00
70	Fan regulator in existing switch board etc all.	2	each	280.82	561.64
71	Supply instation testing and commissioning 10watt led bulb etc all	6	each	167.58	1005.48

Say 624987.49
624987.00

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

20/04/2020 (37)

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

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

TENDER SCHEDULENew Construction of HWC SC at Gud
under Soro Block

624789.00

1 % of Estimated cost

Rs-4000.00

Name of the work

Estimated cost

M.D. to be deposited

Cost of tender paper

Date of sale of tender

Date of receipt of tender

Date of opening of tender

Time of completion

Class of contractor

"C" and "D" class

Sl. No.	DESCRIPTION OF ITEMS	Quantity	Unit	Rate in Figure	Amount
1	Earth work in excavation of foundation in all kind soil with in all leads and lifts and to required depth including dressing and levelling the bed and depositing the excavated materials away from work site etc. complete to shape as per direction of the Engineer-in-charge.	7.08	Cum	184.59	1306.59
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.	1.42	Cum	749.62	1061.18
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.	0.71	Cum	4504.92	3188.64
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 rovaltv. watering curing etc.complete.				
4-a	Column base	0.51	Cum	4779.47	2435.74
4-b	Column	0.40	Cum	11912.50	4721.83
4-c	Column (1st floor)	1.76	Cum	13446.69	23604.43
4-d	Lintel(1st floor)	1.21	Cum	9162.74	11053.00
4-e	Chajja(1st floor)	3.72	Sqm	873.52	3246.08
4-f	Wall beam(Ground floor)	0.31	Cum	11912.50	3717.56
4-g	Wall beam(1st floor)	2.27	Cum	13446.69	30555.22
4-h	<u>slab(1st floor)</u>	4.75	Cum	9864.32	46896.10
4-i	<u>Staircase</u>	1.95	Cum	9968.59	19429.16
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.(Ground floor)	1.22	Qntl	7402.15	9016.37

A) onu sl n/o (38)

(1)

6	Cutting, bending, binding of HYSD bars in proper position including cost of binding wire of 18 to 20 gauge, labour, T & P etc complete as per direction of the Engineer-in-charge.(1st floor)	12.87	Qntl	7423.82	95554.86
7	Brick work with Fly ash bricks having c.strength between 75 to 99 kg/cm ² in cm (1:6) including cost of all materials royalty, watering, and labour etc. complete as per direction of the Engineer-in-charge.				
8	Superstructure	24.94	Cum	5019.33	125192.95
9	A/R-P 109/item No.26:6mm thick Cement plaster (1:4) finished smooth per 1 Sqm. including curing etc. complete.(1st floor)	36.55	Sq.m	131.97	4824.04
10	16mm thick Cement plaster (1:6) over brickwork including curing etc. complete.	97.03	Sq.m	202.38	19636.00
11	12mm thick Cement plaster (1:6) for brickwork including curing etc. complete.	79.90	Sq.m	144.39	11536.02
12	A/R-P 93/item No.1:Priming 1-coat with any approved primer including all labour etc complete.	213.48	Sq.m	57.59	12293.46
13	Distemping 2-coat to walls with distemper of approved shade on old/new work to give on even shade excluding cost of	97.03	Sq.m	64.36	6244.83
14	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.)	139.75	Sq.m	73.12	10218.82
15	Painting 1-coat with any approved primer including all labour etc complete.	7.62	Sq.m	133.00	1013.20
16	Window grill in mild steel refer item no 2 of A/R page- 224 .	162.00	Kg	57.88	9376.73
17	M.S door and window in mild steel refer item no 2 of A/R page- 224 .	501.50	Kg	113.89	57114.63
18	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)	32.42	Sqm	1199.10	38879.42
P.H. work and Internal fittings					
19	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	714.09	5268.05
20	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	754.45	10287.40
21	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

Work State. (25)

22	Supplying all labour, materials, T&P, fitting and fixing of plastic door shutters to be made of selective PVC Profiles, The styles & rails are made of section measuring 24mm x 59mm. A lock rail is provided horizontally at the required place for strength and firmness measuring 24mm x 100mm. The panel are provided a size measuring 200mm x 20mm. All the four corners are provided with MS/Fibre 'L' angles of size 200mm x 100mm and fitted with steel screw. The door to be hanged to the frame with the help of 100mm S.S. hinges and self tapping screw (three nos. steel handle two nos. and 150mm long steel tower bolt two nos. all complete as per specification and direction of E.I.C.(Joint less Single Piece)	2.67	Sqm	2283.10	6084.46
23	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
24	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
25	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
26	Supplying all materials, labour T&P and fitting & fixing U-PVC ventilating pipes and fittings of the following O.D conforming to ISI No. 4985/2000 to walls with nails, bobbins and wooden plugs or laying in trenches including jointing with supply of approved rubber lubricant by non-heat application method as per manufacturer's specification, testing, e.w. in excavation in all kinds of soil and refilling of trenches as per direction of E.I.C. a) 110 mm dia U-PVC Pipes (4 Kg/Cm ²)	10.00	Mtr	206.00	2060.00
27	110 mm dia U-PVC P' Trap	4	Nos	299.70	1198.80
28	110 mm dia U-PVC Double Junction Door	1	Nos	350.30	350.30
29	110 mm dia U-PVC Plain Tee	1	Nos	267.00	267.00
30	110 mm dia U-PVC Door Bend	4	Nos	204.70	818.80
31	110 mm dia U-PVC Plain Bend	3	Nos	147.00	441.00
32	110 mm dia U-PVC Offset	1	Nos	180.50	180.50
33	110 mm dia U-PVC Cowl	1	Nos	77.30	77.30
34	125 mm dia C.P.grating	4	Nos	68.30	273.20
35	Supplying all materials, labour T&P and fixing wash basins with hole for pillar taps with C.I./I.S brackets painted white including holes in walls and making good tile 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
36	Supplying all materials, labour T&P and fixing mirror of superior glass mounted on 6mm thick plywood sheet and fixed to wooden plugs with C.P screws and washers complete as per P.H specification and direction of E.I.C.- 600mm x 450mm B.E. Mirror (fixed type)	1	No	695.70	695.70
37	Supplying all materials, labour T&P and fixing standard size C.P. soap holder complete with cp brass brackets fixed to wooden plugs with cp screws as per P.H specification and direction of E.I.C. C.P.Soap Holder.	2	Nos	267.40	534.80

Worked No. 235

38	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
39	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
40	375 mm thick wall	1	Nos	224.90	224.90
41	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-	3.40	Mtr	1,058.90	3600.26
42	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
43	25 mm dia PVC (ASTM) Pipe) [External]	15.00	Mtr	87.20	1308.00
44	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
45	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. Bibcock [Essco/Plaza/Amber/Aquatic]	2	No	697.20	1394.40
46	15 mm dia C.P. Stop Cock [Essco/Plaza/Amber/ Aquatic]	1	Nos	854.70	854.70
47	15 mm dia C.P. Angle Stop Cock [Essco/Plaza/Amber/ Aquatic]	3	Nos	711.80	2135.40
48	15 mm dia C.P. Bibcock with long neck [Essco/Plaza/Amber/ Aquatic]	1	No	809.80	809.80
49	25 mm dia PVC Pipe [Good Quality]	1	Nos	557.10	557.10
50	Supplying all materials, labour T&P and fitting & fixing 10 Litres	1	Nos	1,567.20	1567.20
Electrification					
51	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				
52	.....do..... Group-A (1.2.1-1.24.2)	2	Point	287.85	575.70
53	.....do..... Group-B (1.2.1-1.24.2)	2	Point	498.73	997.46
54	.....do..... Group-C (1.2.1-1.24.2)	2	Point	762.34	1524.68
55	Recessed wiring with fan point Group-B	2	Point	498.73	997.46
56	S/F of metal box for 100mmx75mmx60mm deep(Nominal size)	2	each	192.84	385.68
57	S/F of 5amp switch and 5 amp socket outlet etc all	2	each	83.14	166.28
58	S/F of metal box for 100mmx100mmx60mm deep(Nominal size)	2	each	263.88	527.76
59	PVC insulated single core multistandard copper conductor of				0.00
60	.....do..... 2x1.5sqmm + 1x1.5sqmm(1.8.1)	3	PM	120.11	360.33

Work on 2.1.1 - (20)

(4)

61	do 2x2.5sqmm+1x1.5sqmm(1.8.2)	3	PM	134.06	402.18
62	do 2x1.4sqmm+1x1.5sqmm(1.8.3)	3	PM	151.44	454.32
63	Supply installation and commissioning main switch etc all				0.00
64	B-do-32amp ICDP main switch	1	each	851.58	851.58
65	200mmx250 mm x20mm deep (1.24.16) for fixing 32amp ICDP	1	each	205.57	205.57
66	250mmx300 mm x20mm deep (1.24.16) for fixing 64amp ICDP	1	each	260.37	260.37
67	s/f B series sp. box lighying and etc all	1	each	127.56	127.56
68	s/f B series sp. box (250v)lighying and etc all	1	each	848.9	848.90
69	Holder BK angle	3	each	14.68	44.04
70	soldering of GI wire	1	PM	47.68	47.68
71	18-25 led tube light fitting including bulb	2	each	688	1376.00
72	Fitting and fixing of ceiling fan	2	each	2500	5000.00
73	Fan regulator in ceiling switch board etc all.	2	each	280.82	561.64
74	Supply installation and commissioning 10watt led bulb etc all.	6	each	167.58	1005.48
					624789.07
Say					624789.00

Signature of Contractor

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

(Signature)
15/12/22

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

(Handwritten signature)

(Small handwritten mark)

	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.(1st floor)	12.87	Qntl	7421.72	95527.90
	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.				
3	Superstructure	24.94	Cum	5017.99	125159.52
9	A/R-P 109/item No.26:6mm thick Cement plaster (1:4) finished smooth per 1 Sqm. including curing etc. complete.(1st floor)	36.55	Sq.m	131.92	4822.06
0	16mm thick Cement plaster (1:6) over brickwork including curing etc. complete.	97.03	Sq.m	202.29	19627.68
1	12mm thick Cement plaster (1:6) for brickwork including curing etc. complete.	79.90	Sq.m	144.32	11530.31
2	A/R-P 93/item No.1:Priming 1-coat with any approved primer including all labour etc complete.	213.48	Sq.m	57.59	12293.46
3	Distempering 2-coat to walls with distemper of approved shade on old/new work to give on even shade excluding cost of distemper.	97.03	Sq.m	64.36	6244.83
4	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.)	139.75	Sq.m	73.12	10218.82
5	Painting 1-coat with any approved primer including all labour etc complete.	7.62	Sq.m	133.00	1013.20
6	Window grill in mild steel refer item no.2 of A/R page- 224 .	162.00	Kg	57.88	9376.73
7	M.S.door and window in mild steel refer item no.2 of A/R page- 224 .	512.00	Kg	113.89	58310.45
18	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)	32.42	Sqm	1197.89	38840.09
P.H. work and Internal fittings					
19	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	712.89	5259.19
20	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	753.51	10274.57
21	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 at No. 10/11/12

(2)

2	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
23	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)	1.00	No	2826.20	2826.20
24	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
25	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
26	Supplying all materials, labour T&P and fitting & fixing U-PVC ventilating pipes and fittings of the following O.D conforming to ISI No. 4985/2000 to walls with nails, bobbins and wooden plugs or laying in trenches including jointing with supply of approved rubber lubricant by non-heat application method as per manufacturer's specification, testing, e.w. in excavation in all kinds of soil and refilling of trenches as per direction of E.I.C. a) 110 mm dia U-PVC Pipes (4 Kg/Cm2)	12.00	Mtr	206.00	2472.00
27	110 mm dia U-PVC P' Trap	4	Nos	299.70	1198.80
28	110 mm dia U-PVC Double Junction Door	1	Nos	350.30	350.30
29	110 mm dia U-PVC Plain Tee	1	Nos	267.00	267.00
30	110 mm dia U-PVC Door Bend	4	Nos	204.70	818.80
31	110 mm dia U-PVC Plain Bend	3	Nos	147.00	441.00
32	110 mm dia U-PVC Offset	1	Nos	180.50	180.50
33	110 mm dia U-PVC Cowl	1	Nos	77.30	77.30
34	125 mm dia C.P.grating	4	Nos	68.30	273.20
35	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
36	Supplying all materials, labour T&P and fixing mirror of superior glass mounted on 6mm thick plywood sheet and fixed to wooden plugs with C.P screws and washers complete as per P.H specification and direction of E.I.C.-- 600mm x 450mm B.E. Mirror (fixed type)	1	No	695.70	695.70
37	Supplying all materials, labour T&P and fixing standard size C.P. soap holder complete with c.p brass brackets fixed to wooden plugs with cp screws as per PH specification and direction of E.I.C C.P.Soap Holder.	2	Nos	267.40	534.80

Done S/No (3-1)

(3)

38	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
39	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
40	375 mm thick wall	1	Nos	224.90	224.90
41	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)	3.40	Mtr	1,058.90	3600.26
42	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
43	25 mm dia PVC (ASTM) Pipe) [External]	15.00	Mtr	87.20	1308.00
44	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
45	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
46	15 mm dia C .P (c) Stop Cock[Essco/Plaza/Amber/ Aquatic]	1	Nos	854.70	854.70
47	15 mm dia C .P Angle Stop Cock[Essco/Plaza/Amber/ Aquatic]	3	Nos	711.80	2135.40
48	15 mm dia C .P Pillar Cock with long neck [Essco/Plaza/Amber/ Aquatic]	1	No	809.80	809.80
49	25 mm dia PVC F.W.V[Good Quality]	1	Nos	557.10	557.10
50	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				
51	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 at No (39)

(4)

2	do Group A (1.2.1-1.24.2)	2	Point	287.85	575.70
3	do Group B (1.2.1-1.24.2)	2	Point	498.73	997.46
4	do Group C(1.2.1-1.24.2)	2	Point	762.34	1524.68
5	Ressed wiring with fan point Group-B	2	Point	498.73	997.46
6	S/F of metal box pf 150mmx75mmx60mm deep(Nominal size) etc all	2	each	192.84	385.68
7	S/F of 5amp switch and 5 amp socket outlet etc all	2	each	83.14	166.28
8	S/F of metal box pf 180mmx100mmx60mm deep(Nominal size)	2	each	263.88	527.76
9	PVC insualated single core multistandard copper conductor of ISI				0.00
10	do 2x1.5sqmm+1x1.5sqmm(1.8.1)	3	PM	120.11	360.33
11	do 2x2.5sqmm+1x1.5sqmm(1.8.2)	3	PM	134.06	402.18
12	do 2x1.4sqmm+1x1.5sqmm(1.8.3)	3	PM	151.44	454.32
13	Supply instation testing and commissioning main switch etc all				0.00
14	B-do-32amp ICDP main switch	1	each	851.58	851.58
15	200mmx250 mm x60mm deep (1.24.16) for fixing 32amp ICDP	1	each	205.57	205.57
16	250mmx300 mm x60mm deep (1.24.16) for fixing 64amp ICDP	1	each	260.37	260.37
17	s/f B series sp MCB Box lighying and etc all	1	each	127.56	127.56
18	s/f B series sp MCB Box (250v)lighying and etc all	1	each	848.9	848.90
19	Holder BK angle	3	each	14.68	44.04
20	soldering of GI wire	5	PM	47.68	238.40
21	18-25 led tube light Fitting including bulb	2	each	688	1376.00
22	Fitting and fixing of ceilling fan	2	each	2500	5000.00
23	Fan regulator in existing switch board etc all.	2	each	280.82	561.64
24	Supply instation testing and commissioning 10watt led bulb etc all.	6	each	167.58	1005.48

624869.96

Say

624870.00

Signature of Contractor

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

11/12/20

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

Contract No. 39

(Signature)

BILL OF QUANTITIES

Name of the work :-

**"New construction of Health wellness center at Haldipada
SC under Basta block in the year 2020-21"**

Tender Call Notice No :-

Approx. Estimated Cost :-

Rs. 624912.00

E.M.D. to be deposited :-

1% of estimated cost.

Cost of Tender Paper :-

Rs. 4000.00/-

Class of Contractor :-

'D' & 'C' Class

Last Date of sale of tender Paper :-

Last Date of receipt of tender :-

Date of Opening of Tender :-

Time of Completion :-

Sl. No.	Description of items	Unit	Quantity	Rate	Amount
1	Earthwork in excavation in of foundation in hard soil including rough dressing and levelling the bed etc	Cum	3.12	137.40	428.69
2	Filling foundation and plinth with sand well watered and rammed etc complete	Cum	0.52	496.03	257.94
3	Cement concrete (1:3:6) with 4 cm size metal etc. comp.	Cum	0.34	4659.43	1584.21
4	RCC wok of M-20 grade with 20mm downgraded size hard granite chips including hoisting and laying				
5	column base	Cum	0.86	5002.20	4301.89
6	Grade beam in	Cum	0.29	5363.15	1555.31
7	Column in 1st flor	Cum	1.69	13069.64	22087.69
8	Column in G F floor	Cum	0.33	10674.79	3522.68
9	Lintel in 1st floor	Cum	1.50	10532.68	15799.02
10	Chajja in 1st floor	Cum	4.55	909.84	4139.77
11	Beam in 1st floor	Cum	1.50	13069.64	19604.46
12	Beam for staircase in GF	Cum	0.20	10674.79	2134.96
13	Roof slab in 1st floor	Cum	5.45	11233.95	61225.03
14	Waist slab	Cum	1.35	11321.36	15283.84
15	Labour for cutting, bending, shifting to site, tying and placing in position HYSD Bar etc. complete. (in Ground Floor)	qtl	2.41	6691.18	16125.74
16	Labour for cutting, bending, shifting to site, tying and placing in position HYSD Bar etc. complete. (in 1st Floor)	qtl	10.95	6714.36	73522.24
17	Fly ash Brick work (1:6) in foundation including all labour and material etc complete. 1st floor	cum	22.81	4711.5	107469.32
18	16mm thick cement plaster in C.M (1:6) including all labour and material etc complete.	sqm	139.85	198.72	27790.99
19	20mm thick cement plaster with c.m (1:4) including watering and	sqm	54.23	218.98	11875.29
20	6mm thick cement plaster in C.M (1:4) including all labour and material etc complete	sqm	36.98	157.61	5828.42
21	12mm thick cement plaster in C.M (1:6) including all labour and material etc complete.	sqm	98.52	141.43	13933.68
22	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	35.58	1222.55	43498.33
23	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	10.99	1069.66	11755.56

WORK SL. No. (40) page No. (1)

1	Supplying and fitting and fixing of M.S grill of approved design including all labour and material etc complete.	kg	126.50	114.32	14461.48
5	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
6	Iron work wrought and put up in trusses and record racks	kg	167.75	96.12	16124.13
7	Painting 2 coats over 1-coat of primer including all labour and material etc complete.	sqm	30.20	238.84	7212.97
8	Distempering 2 coats to wall distemper of approved shade with a coat of primer etc complete.	sqm	169.06	146.93	24839.99
9	Wall painting 2 coat with Weather coat of approved shade to give an even shade including cost of paint.	sqm	103.21	147.37	15210.06
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)				
31	2 x 0.68 x 2.05=	sqm	2.72	2283.10	6210.03
32	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
33	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
34	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
35	110 mm dia U-PVC P' Trap	Nos	5.00	299.70	1498.50
36	110 mm dia U-PVC Door cross Tee	Nos	1.00	350.30	350.30
37	110 mm dia U-PVC Door Bend	Nos	3.00	204.70	614.10
38	110 mm dia U-PVC Plain Bend	Nos	1.00	147.00	147.00
39	110 mm dia U-PVC Cowl	Nos	1.00	77.30	77.30
40	110 mm dia U-PVC Offset	Nos	1.00	180.50	180.50
41	125 mm dia C.P. grating	Nos	3.00	69.60	208.80
42	75 mm dia U-PVC Pipes (4 Kgf/Cm2)	Mtr	1.00	128.60	128.60
43	75 mm dia U-PVC Plain bend	Nos	1.00	93.00	93.00
44	75 mm dia U-PVC Door Bend	Nos	1.00	122.90	122.90

45	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
46	375 mm thick wall	Nos	4.00	222.40	889.60
47	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
48	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
49	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				
50	C.P Towel Ring (St.)	Nos	1.00	427.20	427.20
51	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
52	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
53	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
54	25mm dia HDPE Pipe [External Including E/W]	Mtr	30.00	89.57	2687.10
55	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
56	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

57	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
58	15 mm dia C .P L.B. Bib Cock [Jaquar]	Nos	2.00	1160.80	2321.60
59	15 mm dia C .P Angle Stop Cock [Jaquar]	Nos	3.00	781.90	2345.70
60	15 mm dia C .P Pillar Cock with long neck [Jaquar]	Nos	1.00	1296.00	1296.00
61	15mm dia C.P. Two Way Bib cock [Jaquar]	Nos	1.00	1013.10	1013.10
62	15mm dia C.P. Health Faucet [Jaquar]	Nos	1.00	1308.40	1308.40
63	15 mm dia C .P Extension Piece	Nos	7.00	58.70	410.90
64	25 mm dia PVC F.W.V[Good Quality]	Nos	1.00	557.70	557.70
65	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)				
66	-do- Light point Group A (1.1.1-1.24.2)	Point	9	290.87	2617.83
67	-do- Light point Group B (1.1.1-1.24.2)	Point	1	502.76	502.76
68	-do- Fan point Group B (1.1.2-1.24.2)	Point	2	502.76	1005.52
69	-do- Ex-Fan point Group B (1.1.3-1.24.2)	Point	2	767.38	1534.76
70	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.				
71	-do-200mmx150mmx60mm deep(1.24.7)	Each	4	165.29	661.16
72	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
73	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
74	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).				
75	-do-2x2.5sqmm +1x1.5sqmm (1.8.2)	Mtr.	30	134.06	4021.80
76	-do- 2x4sqmm +1x1.5sqmm (1.8.3)	Mtr.	10	151.44	1514.40
77	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
78	250mmx300mmx100mm deep(1.24.13) for fixing 63Amp IC DP Main switch	Each	1	274.07	274.07

79	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
80	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, phosphalized and powder painted including earthing etc. as required (except MCB) 2.3.1.	Each	1	848.90	848.90
81	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
82	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
83	Supply and laying 6 SWG G.I wire in recess for loop earthing as required (3.18)	Mtr.	7	47.68	333.76
84	Supply & Fixing of 48" A.C. ceiling fan without regulator including numbering of reputed mark including all connections (Make:Usha-Striker One/Neo/ Crompton-Riviera highspeed/Havells-Samrat/ Anchor-Penta Turbo/Orient Summer king/ Breeze)	Each	2	2103.00	4206.00
85	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
86	S/F of Fan hok S'type made of 16mm MS rod as per specificationn	Each	2	204.00	408.00
87	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
88	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: Havells /Phillips /Crompton/Polycab/PAC/HPL)	Each	1	3380.00	3380.00
89	S/F of 9W LED bulb (Make: Havells /Phillips /Crompton/Polycab/PAC/HPL)	Each	5	167.58	837.90
				Total	624912.05
				Say	624912.00

TOTAL 89 (Eighty Nine) Items only

My/ our quoted rate is% Excess over /

Less than / equal to the estimated cost of Rs. 624912.00

(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. _____

[Signature] APPROVED

Chief District Medical & PHO
Balasore

WORK SL. NO. (40) PAGE NO. (5)

