

ଓଡ଼ିଶା ସରକାର



ପଞ୍ଚାୟତ୍ତରାଜ ଓ ପାଳିକାଗଣ ବିଭାଗ,
ଓଡ଼ିଶା
ପଞ୍ଚାୟତ ସମିତି କାର୍ଯ୍ୟାଳୟ: କୋଲାବିରା

BIDS DOCUMENT FOR:-

Name of Work: - Const. of New Sub-Centre building
(HWC) at Jhirlapali of Kolabira Block of
Jharsuguda District under NHM PIP
2022-24 for the year 2022-23,

Kolabira Block

Tender Cost: - Rs. 38,59,716 /-

Bill of Quantity (BOQ)

Construction of New Subcentre building (HWC) at Jhirlapali of Kolabira block of Jharsuguda district under NHM PIP 2022-24 for the year 2022-23

Sl. No	Item	Quantity	Unit	Rate	Amount
1	Earth work in excavation of foundation in hard soil or gravelly soil including dressing and leveling the bed. initial leads and lifts as per the direction of Engineer-in-charge.	90.99	Cum	199.60	18161.60
2	Supplying & filling foundation and plinth with sand well watered and rammed including cost, cost of all labour, carriage, royalty, taxes, T&P etc complete as per the direction of Engineer-in-charge.	108.46	Cum	318.60	34555.36
3	Cement Concrete (1:3:6) using 40mm size hard granite C.B. metal approved quality from approved quarry including hoisting laying using concrete mixture and vibrators including cost, carriage, royalty, cost of all labour T&P etc complete as per the direction of Engineer-in-charge.	22.64	Cum	4612.70	104431.53
4	C.C. (1:2:4) with 12mm and down grade C.B. chips approved quality from approved quarry including hoisting, laying hire charges of concrete mixture, vibrator, watering, curing and including cost, carriage, royalty, cost of all labour T.&P. etc complete as per the direction of Engineer-in-charge.	4.15	Cum	5964.10	24751.02
5	R.C.C. M-20 grade with 20mm and down grade C.B. chips including hoisting, laying hire charges of concrete mixture, vibrator, watering, curing and cost of all materials and labour, T&P centering shuttering etc complete but cost of reinforcement complete as per the direction of Engineer-in-charge.				
Ground Floor					
5.1	Column base and footing	11.19	Cum	4920.90	55064.87
5.2	Plinth band (Grade beam)	5.05	Cum	5280.30	26665.52
5.3	Lintel Ground floor	2.77	Cum	8513.20	23581.56
5.4	Lintel First floor	1.82	Cum	9352.00	17020.64
5.5	Chajja Ground floor	8.60	Sqm	790.40	6797.44
5.6	Chajja First floor	7.67	Sqm	892.30	6843.94
5.7	Column in Superstructure, Beam Ground floor	7.93	Cum	10815.60	85767.71
5.8	Column in Superstructure, Beam First floor	7.20	Cum	12114.40	87223.68
5.9	Column in Superstructure, Beam second Floor	1.91	Cum	13667.30	26104.54
5.10	Roof slab Ground floor	12.26	Cum	9135.80	112004.91
5.11	Roof slab First floor	9.94	Cum	10098.20	100376.11
5.12	Roof slab second Floor	1.92	Cum	11248.90	21597.89
5.13	Staircase Ground floor	2.11	Cum	10336.90	21810.86
5.14	Staircase first Floor	2.11	Cum	11706.00	24699.66
5.15	Fin Ground floor	20.05	Sqm	1537.70	30830.89
5.16	Fin first Floor	11.11	Sqm	1729.70	19216.97
First Floor					


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6	Providing M.S. reinforcement for R.C.C. work including cutting, bending, binding and tying the grills and placing in position including cost of binding wire 18 to 20 gauge and cost and carriage of steelas per the direction of Engineer-in-charge.				
6.1	Ground Floor	47.90	Qntl	9192.50	440320.75
6.2	First Floor	24.44	Qntl	9217.30	225270.81
6.3	Second Floor	4.47	Qntl	9243.40	41318.00
7	Brick work with Fly Ash bricks 23cm x 11cm x 8cm size having crushing strength not less than 75Kg/cm ² with dimensional tolerance ± 2 percent in cement mortar (1:6) in Foundation&Plinth including watering, curing, cost, carriage, royalty and taxes of all materials, cost of all labour, T&P etc complete as per the direction of Engineer-in-charge.	40.33	Cum	4340.60	175056.40
8	Brick work with Fly Ash bricks 23cm x 11cm x 8cm size having crushing strength not less than 75Kg/cm ² with dimensional tolerance ± 2 percent in cement mortar (1:6) in Superstructure including watering, curing, cost, carriage, royalty and taxes of all materials, cost of all labour, T&P etc complete as per the direction of Engineer-in-charge.				
8.1	Ground Floor	38.61	Cum	4373.60	168864.70
8.2	First Floor	26.56	Cum	4695.90	124723.10
8.3	Second Floor	11.47	Cum	5016.30	57536.96
9	Brick work with Fly Ash bricks 23cm x 11cm x 8cm size having crushing strength not less than 75Kg/cm ² with dimensional tolerance ± 2 percent in cement mortar (1:4) in Superstructure including watering, curing, cost, carriage, royalty and taxes of all materials, cost of all labour, T&P etc complete as per the direction of Engineer-in-charge.				
9.1	Ground Floor	5.69	Cum	4575.60	26035.16
9.2	First Floor	7.33	Cum	4899.90	35916.27
10	Supplying M.S Door made out with ms flat , angle of approved design & specification including cost of all materials cost of manufacture, cost of one coat of primer, all taxes T&P etc coplete as per the direction of Engineer-in-charge.	616.50	Kgs	72.50	44819.55
11	Supplying M.S Window made out with ms flat , angle of approved design & specification including cost of all materials cost of manufacture, cost of one coat of primer, all taxes T&P etc complete as per the direction of Engineer-in-charge.	967.50	Kgs	76.80	74304.00
12	Labour charge for fitting ,fixing of M.S door,window, grill , Gate including all cost etc complete as per the direction of Engineer-in-charge.	39.08	Sqm	68.10	2661.35
13	12mm thick C.P. in C.M.(1:6) over brick masonry to the smooth surface including watering, curing, cost, carriage, royalty and taxes of all materials, cost of all labour, T&P etc complete as per the direction of Engineer-in-charge.				
13.1	Ground Floor	197.07	Sqm	143.70	28318.96

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13.2	First Floor	157.79	Sqm	147.20	23226.69
13.3	Second Floor	71.89	Sqm	150.70	10833.82
14	16mm thick C.P. in C.M.(1:6) over brick masonry to the smooth surface including watering, curing, cost, carriage, royalty and taxes of all materials, cost of all labour, T&P etc complete as per the direction of Engineer-in-charge.				
14.1	Ground Floor	384.70	Sqm	205.70	79132.79
14.2	First Floor	297.98	Sqm	210.80	62814.18
14.3	Third Floor	52.53	Sqm	216.10	11351.73
15	Supplying, fitting and fixing Vetrified tile in floors treads or steps and landing on 20mm thick cement mortar (1:4) 1 cement:4 course sand and filling joints with white cement of approved quality including cost of all materials, labour T&P etc. required for the work all complete as per direction of Engineer-in-charge.				
15.1	Ground Floor	92.33	Sqm	956.40	88304.41
15.2	First Floor	69.39	Sqm	966.70	67079.31
16	Supplying, fitting and fixing Glazed tile in floors treads or steps and landing on 20mm thick cement mortar (1:4) 1 cement:4 course sand and filling joints with white cement of approved quality including cost of all materials, labour T&P etc. required for the work all complete as per direction of Engineer-in-charge.				
16.1	Ground Floor	7.62	Sqm	691.20	5266.94
16.2	First Floor	5.23	Sqm	701.50	3668.85
17	Supplying, fitting, fixing of Vetrified tiles of size 600mm x 600mm Coloured /Printed series (Homogeneous) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including all costs complete as per the direction of Engineer-in-charge.				
	Ground Floor	6.81	Sqm	1063.00	7239.03
	First Floor	17.00	Sqm	1078.40	18332.80
18	Fixing Glazed tiles (20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including all costs complete as per the direction of Engineer-in-charge.				
18.1	Ground Floor	127.26	Sqm	756.60	96284.92
18.2	First Floor	22.62	Sqm	772.00	17462.64


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19	Providing fitting, fixing of Aluminium door with anodized Al. door section of 9202 as vertical member, 9201 as top member and 9200 as bottom and middle member with frame section as 9221 by means of tapered clip No. 4660 and the frame to be completed by means of jointing angle No. 1855 including all cost of labour, T&P, hire charges of drilling machine, labour charges etc. complete as per the direction of Engineer-in-charge.	128.63	Kgs	468.80	60301.74
20	Providing and fitting of (12 mm thick) Pre-laminated Board Standard Type (ISI) in Aluminium frame of doors including cost of all materials, labour T&P etc complete as per the direction of Engineer-in-charge.	8.46	Sqm	744.80	6301.01
21	Supplying, fitting, fixing up window (sliding type) made up aluminum Section 9778 as windows frame, section no. 4095, 4096 and 9777, 3994 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour, T&P etc. complete as per direction of Engineer-in-charge.	21.75	Kgs	618.10	13443.68
22	Providing and fitting of glass pane (6 mm thick black Glass) for sliding windows and ventilators including cost of all materials, labour T&P etc complete as per the direction of Engineer in charge.	4.38	Sqm	840.50	3681.39
23	20mm thick grading plaster (1:4) in finished smooth over roof slab after cleaning the surface including watering, curing complete with cost, conveyance, royalties and taxes of all materials and cost of all labour, T&P required for the work as directed by the Engineer-in-charge.				
23.1	Ground Floor	15.66	Sqm	226.30	3543.86
23.2	First Floor	94.44	Sqm	231.50	21862.86
23.3	Second Floor	15.41	Sqm	236.80	3649.09
24	Painting 2 coats with any approved paint in new iron works including sand papering, polishing surfaces, cost of paints, cost of all labour, T&P, etc complete in all floors as per direction of Engg-in charge.				
24.1	Ground Floor	52.35	Sqm	140.30	7344.71
24.2	First Floor	45.34	Sqm	146.40	6637.78
24.3	Second Floor	4.39	Sqm	152.80	670.79
25	Finishing plastered surface of wall surface with Acrylic wall putty (Water based) & making smooth to receive painting including cost of scaffolding etc. with cost of all materials, labour T&P etc complete as per the direction of Engineer-in-charge.				
25.1	Ground Floor	84.30	Sqm	93.70	7898.91
25.2	First Floor	68.31	Sqm	95.10	6496.28
25.3	Second Floor	9.76	Sqm	96.50	941.84
26	Priming 1 coat with wall primer (water bond) of any approved shade including all costs complete as per the direction of Engineer-in-charge.				
26.1	Ground Floor	341.74	Sqm	61.00	20846.14
26.2	First Floor	326.67	Sqm	62.50	20416.88


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26.3	Second Floor	33.43	Sqm	64.10	2142.86
27	Distemping 2 coats to walls with distemper of approved shade on new work to give an even shade including cost of distemper and labour, T & P. etc complete. as per direction of Engineer-in-charge.				
27.1	Ground Floor	341.74	Sqm	66.30	22657.36
27.2	First Floor	326.67	Sqm	67.90	22180.89
27.3	Second Floor	33.43	Sqm	69.50	2323.39
28	Finishing to the exposed surfaces of wall with weather coat of any approved shade on new work 2 coats over 1 coat of primer to give an even shade including cost of weather coat all cost of all labours and T&P etc complete as per the direction of Engineer-in-charge.				
28.1	Ground Floor	197.07	Sqm	135.10	26624.16
28.2	First Floor	165.18	Sqm	140.40	23191.27
28.3	Second Floor	68.43	Sqm	144.30	9874.45
29	Supplying, fitting and fixing of stainless steel of 304 grade in hand railing using 50 mm dia of 2 mm thick circular pipe with Balustrade of size 32 mm x 32mm x 2mm @ 0.90 mtr C/C and stainless square pipe bracing of size case as per approved design and specification, buffing, polishing etc. with the cost, conveyance taxes of all material, cost of all labour etc. complete in all respect. (in all floor)	290.75	Kgs	335.10	97430.33
30	Dismantling brick or stone masonry in cement mortar above 3.00m height including all costs complete. Stacking the useful materials for reuse and removing the debris 50 mtr lead.	49.68	Cum	1161.70	57714.56
31	Dismantling and removing RCC columns beams slab staircase landing lintels including stacking the useful materials for reuse and removing the debris within 50M lead.	10.49	Cum	731.70	7679.12
32	Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead	11.31	Cum	38.10	430.15
Borewell					
33	Labour for drilling of perfectly vertical bore hole of specified dia for a specified depth below ground level through consolidated and un-consolidated rock with down the hole hammer drilling rigs of combination drilling rigs required to suit the site conditions as per the direction of Engineer-in-charge including supply of rigs with its accessories, T&P & consumable etc. for lowering 125mm dia PVC pipes for housing fitted with socket and with or without well screens as per the necessity for the soft medium and hard formation PVC pipe casing pipes if required to prevent collapse of the over burden is to be provided by the contractor including lowering and with drawing after completion of the Tube Well as per the direction of Engineer in charge.				
33.1	Drilling of 150mm dia 0.00 mtr. 120.00 mtr.	30.00	Mtr	530.00	15900.00

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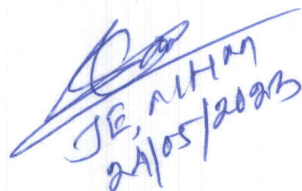
33.2	31 mtr to 120 mtr	90.00	Mtr	500.00	45000.00
34	Lowering the following size G.I./ PVC pipe with or without slotted pipes as per the necessity from 0 mtr. up to 30 mtr. depth, fitted & fixed up in perfectly vertical position, including cutting & threading pipe & slotted pipe & supplying & fixing all jointing materials T&P etc. complete & keeping the top of the casing pipe threaded including plugging Tube Wells to prevent entry of foreign matters from above as per the direction of Engineer-in-charge.	30.00	Mtr	63.00	1890.00
35	Cleaning and developing the tubewell with their own compressor continuously worked till clear and adequate discharge is obtained from the tubewell including supply and use of all necessary equipments and labours as per the direction of Engineer-in-charge.	1.00	Each	1518.00	1518.00
36	Cost of India mark-II hand pump consisting of 1 nos cylinder, 8 nos B.S connection rod, 8 nos 32mm dia G.I pipe (3 mtr long) including all labour T&P etc complete.	1.00	set	626.00	626.00
37	Supplying all labour, T&P for construction of tube -well platforms of 1.85 mtr dia with 3 mtr long drain with cement 1:2:4 using 12mm hard granite chips including cost, conveyance of all materials to site as per P.H specification, design and drawing etc complete.	1.00	Each	7000.00	7000.00
38	Supplying all labour, T&P for construction of platforms drain of 1.85 mtr dia with 3 mtr long drain with cement 1:2:4 using 12mm hard granite chips including cost,	3.00	Each	298.00	894.00
39	Supplying all Materials, Labour Tools and plant and withdrawing Casing pipes from the unsuccessful bore and	6.00	Mtr	153.00	918.00
40	Supplying all materials, labour, T&P and providing, fitting and fixing submersible pump with squirrel cage induction type submersible electric motor to run on 3 phase/ 1 phase line voltage ranging from 320 volt to 450 volt conforming to IS: 8034/89 with following specifications with suitable control panel, jointing with GI/PVC/HDPE pipes, electrification, testing, commissioning, trial running, conveyance of all materials to worksite, payment of taxes etc. all complete as per specification and direction of the Engineer-in-charge (Texmo/Crompton Greaves/Kirloskar make)				
(i)	1 H.P Single Phase vertical water cool submersible pump set with discharge 1800/2200 18 stage head range of 70/90 mtr with discharge capacity with outlet dia 25mm	1.00	Each	19737.20	19737.20
(ii)	DOL Control Panel	1.00	Each	3060.30	3060.30
(iii)	Well Cap	1.00	Each	204.02	204.02
(iv)	40mm dia steel short piece	2.00	Each	204.02	408.04


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(v)	50mm size CI bracket	1.00	Pair	121.20	121.20
(vi)	2.5mm sq.mm Flat Cable	120.00	Mtr	114.00	13680.00
(vii)	25mm dia PVC Pipe	57.00	Mtr	186.00	10602.00
(viii)	Labour Charges for lowering including transportation	1.00	Each	3500.00	3500.00
(ix)	Steel rope with cover	100.00	Mtr	35.70	3570.00
(X)	125 mm dia PVC casting pipe= 30 mte	30.00	E.mtr	1095.68	32870.40
(xi)	Hand pump complete set with all accessories(IM-II) 1 set @Rs.12500.00/ each	1.00	Each	13890.00	13890.00
P.H Work					
41	Supplying all labour,T&P for earth work in excavation in all kinds of soil within initial lead of 50m and 1.50m initial lift including rough dressing and breaking clods to minimum 5cm to7 cm and laying in layers not exceeding 0.30cm in depth as per specification complete as per the direction of Engineer-in charge.	8.55	Cum	356.50	3048.08
42	Supplying all materials,labour,T&P for filling in foundation and plinth with sand well watered and rammed including cost, all taxes & royalty of all materials and conveyance of all materials to work site etc. complete as per the direction of Engineer-in-charge.	2.25	Cum	320.40	720.90
43	Supplying all materials,labour,T&P for cement concrete(1:3:6) with 4cm.hard granite metal including cost, all taxes & royalty of all materials,curing and conveyance of materials to the work site etc.complete as per the direction of Engineer-in-charge.	0.86	Cum	4267.60	3670.14
44	Supplying all materials,labour,T&P for cement concrete(1:2:4) with 12cm.hard granite chips including cost, all taxes & royalty of all materials,curing and conveyance of materials to the work site etc.complete as per the direction of Engineer-in-charge.	0.95	Cum	5592.20	5312.59
45	Brick work with Fly Ash bricks 23cm x 11cm x 8cm size having crushing strength not less than 75Kg/cm ² with dimensional tolerance ± 2 percent in cement mortar (1:6) in Foundation and Plinth including watering, curing, cost, carriage, royalty and taxes of all materials, cost of all labour, T&P etc complete as per the direction of E.I.C.	3.76	Cum	4191.40	15759.66
46	Supplying all materials,labour,T&P for 12mm thick cement plaster (1:4) over brick work including cement punning including cost all taxes,royalty of all materials,curing and conveyance of materials to the work site etc.all complete as per the direction of Engineer-in-charge.	28.20	Sqm	193.20	5448.24


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47	R.C.C. M-20 grade with 20mm and down grade C.B. chips including hoisting, laying hire charges of concrete mixture, vibrator, watering, curing and cost of all materials and labour, T&P centering shuttering etc complete but cost of reinforcement complete as per the direction of Engineer-in-charge.	0.48	Cum	8711.10	4181.33
48	Providing M.S. reinforcement for R.C.C. work including cutting, bending, binding and tying the grills and placing in position including cost of binding wire 18 to 20 gauge and cost and carriage of steel as per the direction of Engineer-in-charge.	0.37	Qntl	8520.00	3152.40
49	Construction of 1.20 m dia and 2.00 m deep soak pit as per the direction of Engineer-in-charge.	3.00	Nos	16221.20	48663.60
50	Construction of Inspection Chamber of Inside size 0.60 m x 0.60 m x 0.60 m deep with RCC Cover slab as per the direction of Engineer-in-charge.	3.00	Nos	6938.20	20814.60
51	Fixing Wash down water closet (European type W.C) with intigral ' S ' or ' P ' trap confirming to IS 2556:Part 8-2004 to the floor with wooden plug and chromium plated screws including jointing the trap with soil pipe in cement mortar (1: 1) etc all complete as per spcification				
51.1	White vitreous china Wash down water closet (EWC)	3.00	Nos	5234.10	15702.30
52	Providing and Fixing PVC Low level flushing cistern with manually controlled device (hand lever) confirming to IS: 7231,with all fittings and fixtures etc, all complete as per specification.				
52.1	10.00 ltrs capacity Low level flushing cistern-White	3.00	Nos	1697.80	5093.40
53	Fixing of Brass Screw -Down Bib Cocks (Tap) Polished bright confirming to IS:781-1995 of the following nominal sizes as per specification complete.				
53.1	15 mm dia C.P. Brass Short Body Bib Cock	7.00	Nos	672.10	4704.70
53.2	15 mm dia two way Bib Cock	4.00	Nos	1853.60	7414.40
53.3	15 mm diameter long handle elbow operated bib cock	2.00	Nos	1482.50	2965.00
53.4	15 mm diameter Pillar cock	2.00	Nos	696.90	1393.80
54	Fixing of Brass or C.P screw down stop cocks/ concealed stop cock/ angle stop cocks confirming to IS: 781-1995 of the following nominal sizes as per specification complete.				
54.1	15 mm dia Brass Screw- down Stop Cock	5.00	Nos	656.00	3280.00
54.2	125mm CP grating	7.00	Nos	72.90	510.30
55	Fixing Wash Basins with hole for Pillar Taps confirming to IS 2556:Part 4-2004 with Cast Iron or M.S brackets painted white including cutting holes in walls and making good the damages etc all complete as per specification.				
55.1	Vitreous China flat back Wash Hand Basin of size 550 mm x 400 mm	2.00	Nos	2897.30	5794.60


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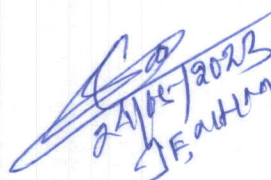
56	Supplying all materials, labour, T&P and fixing kitchen sink with hole for pillar taps with C.I/M.S brackets painted white including holes in walls and making good the damages etc all complete as per PH specification as per the direction of Engineer-in-charge.				
56.1	Porcelain sink 510mm x 600mm x 225mm	1.00	Nos	4033.80	4033.80
57	Supplying all materials, labour, T&P and fixing kitchen sink 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 PH specification as per the direction of Engineer-in-charge.				
57.1	Laboratory sink 600mm x 450mm x 300mm	1.00	Nos	8533.40	8533.40
58	Fixing Rational moulded Polyethylene cylindrical vertical water storage tanks confirming to IS:12701--1996 including cutting holes through the tank and fixing mild steel tubes and fittings and providing extra socket ,jam nut, fixing ball valves etc including hoisting upto a height of 5 mtr above ground level and placing the tank to the required position etc all complete as per specification and direction of Engineer-in- Charge.				
58.1	1000 litres capacity PVC water storage tank	1.00	Nos	13981.50	13981.50
59	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) Pipes confirming to IS: 15778 having thermal stability for hot & cold water supply, including all CPVC plain & brass threader fittings, fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints etc as per direction of Engineer in Charge.				
59.1	25 mm nominal outer dia pipe	25.00	Mtrs	265.50	6637.50
60	Providing and fixing to wall or celing and floor Chlorinated Polyvinyl Chloride (CPVC) Pipes confirming to IS: 15778 of the following nominal bore with clamp including making good the damages to wall ,celling & floor etc complete as per specification as per direction of Engineer in Charge.				
60.1	20 mm nominal outer dia pipe	20.00	Mtrs	227.10	4542.00
60.2	25 mm nominal outer dia pipe	30.00	Mtrs	302.00	9060.00
61	Fixing of UPVC Ball Valve (Horizontal plunger type) confirming to IS: 1703-1977 as per specification & direction of Engineer-in-charge				
61.1	25 mm dia	4.00	Nos	624.50	2498.00


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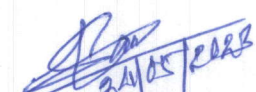
62	Providing and laying in trenches PVC pipe (4Kg/cm ²) as sewer line and alining to requisite gradients inside the trench, jointing with solvent cement with 0.08m sand filling in bed , 0.10m C.C (1:4:8) using 40 mm size hbg metal in bed & for intermidiate pillar including lowering the pipes to the bed of trench, Earthwork in excavation in all kind of soil ,Filling the trenches with excavated earth with watering and ramming and removal of surplus earth, testing of sewer line etc. complete as per the direction of Engineer.in charge.				
62.1	75 mm PVC Pipe	10.00	Mtrs	843.90	8439.00
62.2	110 mm PVC Pipe	10.00	Mtrs	885.10	8851.00
63	Supplying all materials, labour, T&P and fitting and fixing U-PVC, SWR soil waste ventilating pipes and fitting of the following outside diameter conforming to 13592/1992 to walls with nails bobbins and wooden plugs or laying in trenches including with supply of approved rubber lubricant by non-heat application method as per manufactures specification testing earth work in excavation in all kinds of soil and refilling of trenches all complete as per specification and direction of Engineer.in charge.				
63.1	110 mm U-PVC Pipe	5.00	Mtrs	284.20	1421.00
63.2	110 mm U-PVC 'P' trap	2.00	Each	294.20	588.40
63.3	110 mm U-PVC door bend	2.00	Each	302.10	604.20
63.4	110 mm U-PVC Plain bend	10.00	Each	287.10	2871.00
63.5	110 mm U-PVC Cowl	2.00	Each	77.30	154.60
63.6	110 mm U-PVC Coupler	8.00	Each	130.30	1042.40
63.7	75 mm U-PVC door bend	4.00	Each	207.90	831.60
63.8	75 mm U-PVC Plain bend	8.00	Each	163.80	1310.40
63.9	75 mm U-PVC Coupler	8.00	Each	97.60	780.80
64	Fixing 15 mm dia PVC inlet connection pipe and making connection with pillar cocks and supply main for wash basin complete as per specification. & direction of Engineer-in-charge.				
64.1	15mm dia	7.00	Nos	195.40	1367.80
65	Fixing PVC Waste Pipe of the following diameter for sink or wash basin including brass check nut complete as per specification & direction of Engineer-in-charge.				
65.1	32mm dia	7.00	Nos	174.50	1221.50
66	Fixing chromium plated Brass waste of the following nominal diameter for wash basin and sink as per specification & direction of Engineer-in-charge.				
66.1	32mm dia	4.00	Nos	409.70	1638.80
67	Cutting holes through existing brick work including making good the same in cement mortar (1: 4) for taking G.I / P.V.C pipes and fittings all complete as per specification & direction of Engineer-in-charge.				
67.1	250 mm thick wall	18.00	Nos	49.60	892.80

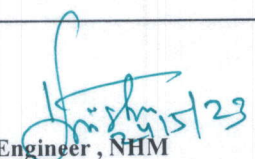
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24/05/23
JE, NHM

67.2	375 mm thick wall	10.00	Nos	74.30	743.00
68	Cutting groves in pucca floor and walls for taking G.I/PVC pipes and making good the damages as per specification etc all complete as per the direction of Engineer-in-charge.	30.00	Mtrs	182.90	5487.00
Electrification					
69	Recessed wiring to light point / fan point / exhaust fan point / call bell point with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked with 20 Amp, 250 V piano type switch ISI marked and ceiling rose ISI marked mounted on MS box having front bakelitemm dia non-metalic PVC conduit with 5 cover of suitable size, MS box with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor as earth wire including all accessories and connection as per direction of Engineer in Charge.				
69.1	Group (A)	35.00	Nos	427.00	14945.00
69.2	Group (B)	27.00	Nos	662.00	17874.00
69.3	Group (C)	34.70	Nos	958.00	33242.60
70	Supplying and fixing of following piano type switch / socket on the existing switch box / cover including connections etc as required (5/6A) as per direction of Engineer in Charge.				
	On existing board	26.00	Nos	262.00	6812.00
71	Supplying and fixing of following piano type switch / socket on the existing switch box / cover including connections etc as required (15/16A) as per direction of Engineer in Charge.	3.00	Nos	627.00	1881.00
72	Supplying and fixing batten holder / BK angle holder ISI marked including connection etc as required as per direction of Engineer in Charge.	32.00	Nos	61.00	1952.00
73	Supply, Installation, Testing, and Commissioning of 32 Amp TPN Main switches of following capacity (IS 13940 Part 3/1993) on existing surface / wall mountnting and complete with HRC Fuse links, interconnections, earthing, etc. as required as per direction of Engineer in Charge.	1.00	Nos	2450.00	2450.00
74	Installation, Testing and Commissioning of resistance type ceiling fan regulator, in existing switch box including connection with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor,earthing the regulator as required as required as per direction of Engineer in Charge.	12.00	Nos	317.00	3804.00
75	Installation, Testing and Commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq.mm FR PVC insulated single core multiatrand copper conductor etc as required as per direction of Engineer in Charge.	12.00	Nos	80.00	960.00


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 J.F. Adhikari

76	Installation, testing and commissioning of exhaust fan up to 450 mm sweep in the existing opening, including making the hole to suit the size of the above fan, making good the damage complete, connection, etc as required as required as per direction of Engineer in Charge.	4.00	Nos	419.00	1676.00
77	Supply and fixing of single pole MCB with sheet steel enclosure, distribution board, on surface /recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, detachable gland plate, interconnection, phosphate and powder painted including earthing etc as required as per direction of Engineer in Charge.	4.00	Nos	1493.90	5975.60
78	Earthing with G.I earth pipe 3 meter 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 as per direction of Engineer in Charge.	1.00	Nos	5631.00	5631.00
79	Recessed wiring to submain in 2 x 1.5 sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked as per direction conforming to IS-694/1990 in 20mm dia non metallic heavy duty flexible conduit 1.6mm thick along with 1 x 1.5sq.mm FR PVC insulated single core multistrand copper conductor as earthwire as required of Engineer in Charge.	130.00	Mtrs	132.00	17160.00
80	Supply and drawing of following sizes FR PVC insulated single core multistrand copper conductor in existing surface / recessed STEEL/PVC conduit as required (2 x 2.5 sqmm) as per direction of Engineer in Charge.	150.00	Mtrs	146.00	21900.00
81	Supply and drawing of following sizes FR PVC insulated single core multistrand copper conductor in existing surface / recessed STEEL/PVC conduit as required (2 x 4.0 sqmm) as per direction of Engineer in Charge.	150.00	Mtrs	164.00	24600.00
82	Supply and Fixing of LED Bulb 12W	35.00	Nos	135.00	4725.00
83	Supply and Fixing of Ceiling Fan 1200mm blade	12.00	Nos	1903.00	22836.00
84	Supply and Fixing of Exhaust Fan 300mm	4.00	Nos	2701.00	10804.00
Total 84 (Eighty Four) items		Total Estimated Cost		38,59,716.00 (Rupees Thirty Eight Lakh Fifty nine Thousand Seven Hundred Sixteen) Only	


 Junior Engineer , NHM
 Zilla Parishad, Jharsuguda


 Asst-Engineer , NHM
 Zilla Parishad, Jharsuguda

My quoted rate is % (both figure & word) Excess over / Less than / Equal to above estimated cost.

Note

- 1 The Contractor should not write anything except quoting of percentage and incase of anything regarding tender.
- 2 Strick out which are not applicable.

Total :- 84 (Eighty Four) Items only


No. of correction :-

No.of overwriting :-

No. of Interpolation :-

Approved for 84 (Eighty Four) Items only

Full signature of the Contractor with date.


Block Development Officer
Kolabira