

## Bill of Quantity (BOQ)

<b>Construction of PHC building at Telipali of Tangarpali block under NHM PIP for the year 2021-22</b>					
Sl. No	Item	Quantity	Unit	Rate	Amount
1	Dismantling brick or stone masonry in cement mortar above including all costs complete. Stacking the useful materials for reuse and removing the debris 50 mtr lead as per direction of Engineer-in-charge.	69.67	Cum	1085.00	75591.95
2	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.	617.00	Cum	337.60	208299.20
3	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.	712.50	Cum	319.90	227928.75
4	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.	67.06	Cum	4927.40	330431.44
5	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.	7.38	Cum	1173.27	8658.73
6	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.				
	<b>Ground Floor</b>				
6.1	Column base and footing	45.25	Cum	5249.80	237553.45
6.2	Plinth band (Grade beam)	17.64	Cum	5600.50	98792.82
6.3	Lintel	8.85	Cum	8731.10	77270.24
6.4	Chajja	28.85	Sqm	794.90	22932.87
6.5	Column in Superstructure, Beam	33.78	Cum	10881.10	367563.56
6.6	Roof slab	49.83	Cum	9312.50	464041.88
6.7	Staircase	3.43	Cum	10416.70	35729.28
	<b>First Floor</b>				
6.8	Column in Superstructure, Beam	5.81	Cum	12119.80	70416.04

6.9	Roof slab	2.72	Cum	10238.20	27847.90
7	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.				
7.1	Ground Floor	168.91	Qntl	7932.00	1339758.43
7.2	First Floor	10.58	Qntl	7955.40	84136.31
8	Brick work with Fly Ash bricks 23cm x 11cm x 8cm size having crushing strength not less than 75Kg/cm <sup>2</sup> with dimensional tolerance $\pm 2$ 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.	75.12	Cum	4082.20	306654.86
9	Brick work with Fly Ash bricks 23cm x 11cm x 8cm size having crushing strength not less than 75Kg/cm <sup>2</sup> with dimensional tolerance $\pm 2$ 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.				
9.1	Ground Floor	102.04	Cum	4115.20	419915.01
9.2	First Floor	20.15	Cum	4418.20	89026.73
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.	422.10	Kgs	72.00	30391.20
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.	1204.88	Kgs	76.00	91570.88
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.	35.33	Sqm	68.10	2405.97
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	328.45	Sqm	134.40	44143.68
13.2	First Floor	122.22	Sqm	137.60	16817.47
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	899.36	Sqm	192.20	172856.99
14.2	First Floor	97.17	Sqm	197.00	19142.49

15	Supplying, fitting and fixing Vetrified tile in floors treads or steps and landing on 20mm thick cement mortar (1:4) 1cement: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.	354.41	Sqm	1071.30	379679.43
16	Supplying, fitting and fixing Glazed tile in floors treads or steps and landing on 20mm thick cement mortar (1:4) 1cement: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.	18.85	Sqm	867.60	16354.26
17	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.	263.59	Sqm	734.50	193606.86
18	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.	614.44	Kgs	461.80	283748.39
19	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.	41.74	Sqm	744.80	31087.95
20	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.	168.48	Kgs	604.00	101761.92
21	Providing and fitting of glass pane (6mm 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.	25.92	Sqm	840.50	21785.76
22	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.				
22.1	Ground Floor	1110.38	Sqm	91.00	101044.58
22.2	First Floor	53.74	Sqm	92.30	4960.20

23	Priming 1 coat with wall primer (water bond) of any approved shade including all costs complete as per the direction of Engineer-in-charge.				
23.1	Ground Floor	1110.38	Sqm	58.20	64624.12
23.2	First Floor	53.74	Sqm	59.70	3208.28
24	Wall painting 2 coats with plastic emulsion paint of approved shade on new work to give an even shade including cost of paint etc complete as per the direction of Engineer-in charge.				
24.1	Ground Floor	1110.38	Sqm	76.80	85277.18
24.2	First Floor	53.74	Sqm	78.30	4207.84
25	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.				
25.1	Ground Floor	396.18	Sqm	129.30	51226.07
25.2	First Floor	187.20	Sqm	134.40	25159.68
26	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.	79.39	Sqm	133.90	10630.32
27	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 as per the direction of Engineer-in-charge.	210.00	Kgs	333.70	70077.00
	<b>Borewell</b>				
28	Labour for drilling a perfectly vertical bore hole of specified dia for a specified depth below ground level through consolidated and unconsolidated rock with down the hole hammer drilling rig or combination rig as required to suit the site condition as per the direction of the Engineer in charge including use of own rig with its accessories, tools and plant and consumables etc for lowering of 200mm/150mm dia G.I/P.V.C/M.S casing pipes for housing fitted with socket and with or without well screen as per the necessity for soft, medium, hard and boulder formation (G.I/ P.V.C/ M.S casing pipes if required to prevent collapse of overburden is to be provided by the contractor including lowering and withdrawing after completion of the tube well), 200mm dia to 400mm dia in overburden portion including packing of gravel supplied by the contractor for 400mm dia bore only as per the direction of Engineer in charge.				

28.1	Drilling of 200mm dia 0.00 mtr. 30.00 mtr.	30.00	Mtr	755.50	22665.00
28.2	Drilling of 200mm dia 30.00 mtr. 45.00 mtr.	15.00	Mtr	836.30	12544.50
28.3	Drilling of 150mm dia 45.00 mtr. 180.00 mtr.	135.00	Mtr	554.50	74857.50
<b>29</b>	Supplying polyvinyl chloride pipes as per ASTM-D-1785-89 having threads in accordance with DIN 2999 part-1/DIN-42225 part-II specification length of pipe (laying length) will be 3 mtrs. The pipes shall be supplied with both external and threaded with free socket. The pipe having external thread at one end i.e female and or belled end. The female end having internal thread is to be belled in order to accept the male end while jointing pipes with a bore threading shall be provided with a greave at the roof of the male thread accomodate flexible PVC/Rubber 'O' ring to make the joint water tight colour of the pipe shall be blue. The name of the manufacture along with batch No class of pipe shall be stranded legibly of each pipe length as per the direction of Engineer-in-charge.				
29.1	200mm dia PVC Pipe (Sch-80)	45.00	Mtr	1633.80	73521.00
<b>30</b>	Lowering the following size of G.I/P.V.C/M.S housing pipes with or without slotted pipes as per the necessity from ground level up to 45.00m depth and fitted and fixed up in perfectly vertical position including cutting and threading of pipes and slotted pipes and supplying and fixing all jointing materials, tools and plant etc all complete and keeping the top of casing pipe threaded including plugging tube wells to prevent entry of foreign materials as per the direction of Engineer-in-charge.				
30.1	Lowering of 200mm dia P.V.C casing pipes	45.00	Mtr	138.20	6219.00
<b>31</b>	Cleaning and developing the tubewell with their own compressor continuously worked till clear and adeequate 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	4994.80	4994.80
31.1	1H.P Single Phase vertical water cool submerssible 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
31.2	DOL Control Panel	1.00	Each	3805.50	3805.50
31.3	Well Cap	1.00	Each	204.02	204.02
31.4	40mm dia steel short piece	2.00	Each	204.02	408.04
31.5	50mm size CI bracket	1.00	Pair	121.20	121.20
31.6	2.5mm sq.mm Flat Cable	120.00	Mtr	114.00	13680.00
31.7	25mm dia PVC Pipe	57.00	Mtr	186.00	10602.00
31.8	Labour Charges for lowering including transportation	1.00	Each	3500.00	3500.00
31.9	Steel rope with cover	100.00	Mtr	35.70	3570.00
	<b>P.H Work</b>				

32	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 to 7 cm and laying in layers not exceeding 0.30cm in depth as per specification complete as per the direction of Engineer-in charge.	17.10	Cum	356.50	6096.15
33	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.	4.50	Cum	515.40	2319.30
34	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.	1.71	Cum	4868.90	8325.82
35	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.	1.89	Cum	6149.10	11621.80
36	Brick work with Fly Ash bricks 23cm x 11cm x 8cm size having crushing strength not less than 75Kg/cm <sup>2</sup> with dimensional tolerance $\pm 2$ 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.	7.51	Cum	4244.80	31878.45
37	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.	56.40	Sqm	193.20	10896.48
38	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.	0.96	Cum	9257.60	8887.30
39	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.	0.74	Qntl	7968.60	5896.76
40	Construction of 1.20 m dia and 2.00 m deep soak pit as per the direction of Engineer-in-charge.	4.00	Nos	16221.20	64884.80
41	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.	4.00	Nos	6938.20	27752.80

<b>42</b>	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				
42.1	White vitreous china Wash down water closet (EWC)	5.00	Nos	5234.10	26170.50
<b>43</b>	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.				
43.1	10.00 ltrs capacity Low level flushing cistern-White	5.00	Nos	1697.80	8489.00
<b>44</b>	Fixing of Brass Screw -Down Bib Cocks (Tap) Polished bright confirming to IS:781-1995 of the following nominal sizes as per specification complete.				
44.1	15 mm dia C.P. Brass Short Body Bib Cock	16.00	Nos	672.10	10753.60
44.2	15 mm dia two way Bib Cock	6.00	Nos	1853.60	11121.60
44.3	15 mm diameter long handle elbow operated bib cock	2.00	Nos	1482.50	2965.00
44.4	15 mm diameter Pillar cock	5.00	Nos	696.90	3484.50
44.5	Health Faucet with CP tube	2.00	Nos	1582.80	3165.60
<b>45</b>	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.				
45.1	15 mm dia Brass Screw- down Stop Cock	8.00	Nos	656.00	5248.00
45.2	125mm CP grating	15.00	Nos	72.90	1093.50
<b>46</b>	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.				
46.1	Vitreous China flat back Wash Hand Basin of size 550 mm x 400 mm	6.00	Nos	2897.30	17383.80
<b>47</b>	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.				
47.1	Laboratory sink 600mm x 450mm x 300mm	1.00	Nos	8533.40	8533.40
<b>48</b>	Fixing Rational moulded Polythylene 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.				
48.1	1000 litres capacity PVC water storage tank	2.00	Nos	13981.50	27963.00

<b>49</b>	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.				
49.1	25 mm nominal outer dia pipe	50.00	Mtrs	265.50	13275.00
<b>50</b>	Providing and fixing to wall or ceiling 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 ,ceiling & floor etc complete as per specification as per direction of Engineer in Charge.				
50.1	20 mm nominal outer dia pipe	30.00	Mtrs	227.10	6813.00
50.2	25 mm nominal outer dia pipe	45.00	Mtrs	302.00	13590.00
<b>51</b>	Fixing of UPVC Ball Valve (Horizontal plunger type) confirming to IS: 1703-1977 as per specification & direction of Engineer-in-charge				
51.1	25 mm dia	6.00	Nos	624.50	3747.00
<b>52</b>	Providing and laying in trenches PVC pipe ( 4Kg/cm2) 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.				
52.1	75 mm PVC Pipe	40.00	Mtrs	843.90	33756.00
52.2	110 mm PVC Pipe	45.00	Mtrs	885.10	39829.50
<b>53</b>	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				
53.1	110 mm U-PVC Pipe	20.00	Mtrs	284.20	5684.00
53.2	110 mm U-PVC 'P' trap	6.00	Each	294.20	1765.20
53.3	110 mm U-PVC door bend	6.00	Each	302.10	1812.60
53.4	110 mm U-PVC Plain bend	25.00	Each	287.10	7177.50
53.5	110 mm U-PVC Cowl	6.00	Each	77.30	463.80
53.6	110 mm U-PVC Coupler	20.00	Each	130.30	2606.00
53.7	75 mm U-PVC door bend	8.00	Each	207.90	1663.20
53.8	75 mm U-PVC Plain bend	20.00	Each	163.80	3276.00
53.9	75 mm U-PVC Coupler	20.00	Each	97.60	1952.00

54	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.				
54.1	15mm dia	7.00	Nos	195.40	1367.80
55	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.				
55.1	32mm dia	7.00	Nos	174.50	1221.50
56	Fixing chromium plated Brass waste of the following nominal diameter for wash basin and sink as per specification & direction of Engineer-in-charge.				
56.1	32mm dia	6.00	Nos	409.70	2458.20
57	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.				
57.1	250 mm thick wall	40.00	Nos	49.60	1984.00
58	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.	50.00	Mtrs	182.90	9145.00
59	Fixing bevelled edge mirror of superior glass mounted on 6mm thick AC sheet or plywood sheet and fixed to wooden plugs with chromium plated brass screw & washers complete as per specification.				
59.1	600mm x 450mm Bath room mirror	6.00	Nos	1658.60	9951.60
60	Fixing standard sized chromium plated brass towel ring fixed to wooden plugs with C.P.Brass screws complete as per specification.	10.00	Nos	566.00	5660.00
	<b>Electrification</b>				
61	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 bakelite mm dia non-metallic 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.				
61.1	Group (A)	50.00	Nos	584.20	29210.00
61.2	Group (B)	30.00	Nos	690.00	20700.00
61.3	Group (C)	60.00	Nos	829.00	49740.00
62	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.	25.00	Nos	421.00	10525.00

62.1	On existing board	20.00	Nos	86.00	1720.00
63	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.	12.00	Nos	642.00	7704.00
64	Supplying and fixing batten holder / BK angle holder ISI marked including connection etc as required as per direction of Engineer in Charge.	20.00	Nos	58.00	1160.00
65	Supply, Installation, Testing, and Commissioning of 32 Amp TPN Main switches of following capacity (IS 13940 Part 3/1993 ) on existing surface / wall mounting and complete with HRC Fuse links, interconnections, earthing, etc. as required as per direction of Engineer in Charge.	2.00	Nos	2450.00	4900.00
66	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.	20.00	Nos	71.60	1432.00
67	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 multistrand copper conductor etc as required as per direction of Engineer in Charge.	20.00	Nos	120.00	2400.00
68	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.	6.00	Nos	594.00	3564.00
69	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.	10.00	Nos	1493.90	14939.00
70	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	2755.70	2755.70
71	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.	240.00	Mtrs	125.00	30000.00

72	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.	210.00	Mtrs	139.00	29190.00
73	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.	180.00	Mtrs	156.00	28080.00
74	Supply and Fixing of LED Tubelight 20W	28.00	Nos	1127.00	31556.00
75	Supply and Fixing of LED Bulb 12W	15.00	Nos	280.00	4200.00
76	Supply and Fixing of Ceiling Fan 1200mm blade	20.00	Nos	2080.00	41600.00
77	Supply and Fixing of Exhaust Fan 300mm	6.00	Nos	1908.00	11448.00
<b>Total 77 (Seventy Seven) items</b>		<b>Total Estimated Cost</b>		<b>7,369,702.00</b> ( Rupees Seventy Three Lakh Sixty Nine Thousand Seven Hundred Two ) Only	

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 :- 77 (Seventy Seven) Items only**

**No. of correction :-**

**No.of overwriting :-**

**No. of Interpolation :-**

**Approved for 77 (Seventy Seven) Items only**

**Full signature of the Contractor with date.**

**Chief District Medical & Public Health Officer  
Cum District Mission Director  
Sundargarh**