

Annexure- “E”

N.I.T. SHEDULE FOR CONSTRUCTION OF INCUBATION CENTER AT DEOBHOG GARIYABAND , C.G.

building S.O.R. WEF 01/01/2015									
SERIAL No.	Department	SOR	Year	ITEM CODE	DESCRIPTION	UNIT	RATE	TOTAL QTY.	AMOUNT
1	PWD	PWD BLD	2015	1.1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. 1.1.1) In all types of soil	CUM	185	1244.6118	230253
2	PWD	PWD BLD	2015	1.2	Surface dressing of the ground including removing vegetation and making up undulations and in-equalities not exceeding 15 cms in depth/ height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the dressed area).	SQM	7.2	4758.95	34264
3	PWD	PWD BLD	2015	1.6.1	Extra for every additional lift of 1.5M or part there of. 1.6.1 All types of soil	CUM	26.5	260.4656	6902
4	PWD	PWD BLD	2015	1.18	Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete.	CUM	371	2116.81044	785337
5	PWD	PWD BLD	2015	1.25.1	Diluting chemical emulsion (chlorpyrifos/ lindane) in water as per manufacturers recommendation and injecting for pre-construction curative cum preventive anti-termite treatment:(Five year service guarantee bond to be signed by contractor) Surface treatment by spreading emulsion under floor, over the plinth area before laying base concrete @ 5 litres / sqm	SQM	27.5	3720.6096	102317
6	PWD	PWD BLD	2015	1.25.3	Treatment of outer side of plinth masonry wall using diluted chemical emulsion @ 1.5 litre per hole, including drilling 12 mm diameter holes in plinth wall at the junction of floor at the interval of 300 mm and plugging with cement mortar 1 :2 (1 cement : 2 Coarse sand).	METER	13.5	778.72	10513
7	PWD	PWD BLD	2015	2.1.1	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.	SQM	139	1675.6446	232915
8	PWD	PWD BLD	2015	2.1.5	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Columns, Pillars, Piers and likes- rectangular or square in shape	SQM	297	893.76	265447
9	PWD	PWD BLD	2015	2.1.7	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	SQM	235	2958.226	695183
10	PWD	PWD BLD	2015	2.1.8	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Beams, lintels, Cantilevers & Walls.	SQM	202	1553.2976	313766
11	PWD	PWD BLD	2015	2.1.13	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Weather shade, chhajja, Cornices and mouldings	SQM	294	160.605	47218
12	PWD	PWD BLD	2015	2.1.13	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Weather shade, chhajja, Cornices and mouldings	SQM	230	62.04	14269
13	PWD	PWD BLD	2015	3.1.3	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).	CUM	2970	56.82089	168758
14	PWD	PWD BLD	2015	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	CUM	4298	274.35147	1179163
15	PWD	PWD BLD	2015	3.4	Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth: ground floor	CUM	4395.5	651.1475	2862119
16	PWD	PWD BLD	2015	3.12.1	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete: Thermo-Mechanically treated bars FE 415	KG	54.5	81675.83075	4451333
17	PWD	PWD BLD	2015	3.13	Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including formwork.	CUM	4237	12.3968	52525
18	PWD	PWD BLD	2015	3.15	Applying a coat of hot bitumen VG-10 using @ 1.7kg/ sqm on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil.	SQM	93.5	247.936	23182
19	PWD	PWD BLD	2015	3.16	Making 50mm thick plinth protection of plain cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded crushed stone aggregate 20mm nominal size) over 75mm bed of dry brick ballast 40mm nominal size well rammed and consolidated and grouted with sand including finishing the top smooth.	SQM	273	468.072	127784
20	PWD	PWD BLD	2015	7.5.4	Brick work with modular fly-ash lime bricks (FALG Bricks) conforming to IS:12894-2002 of class designation 40 in foundation and plinth in:7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand)	CUM	3263	729.712719	2381053
21	PWD	PWD BLD	2015	7.6.	Extra for brick work in superstructure Above plinth level for every floor or part thereof in addition to rate for foundation and plinth:	CUM	3384	845.6065	2861532
22	PWD	PWD BLD	2015	11.2	Providing and making 12mm.thick cement plaster of mix : In Cement Mortar 1:4 (1 Cement :4 fine Sand)	SQM	103	3996.41	411630
23	PWD	PWD BLD	2015	11.3	Providing and making 15mm.thick cement plaster on the rough side of single or half brickwall of mix. (11.3.4.) In Cement Mortar 1:4 (1 cement : 4 fine sand)	SQM	120	3043.74	365249
24	PWD	PWD BLD	2015	11.9	Extra for providing and mixing water proofing materials in cement plaster work in proportion as recommended by manufacturer	KG	43.5	3348.38	145655
25	PWD	PWD BLD	2015	12.2	25mm thick cement concrete flooring with 1:2:4 cement concrete (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominalsize) finished with floating coat of neat cement.	SQM	165	3331.828	549752
26	PWD	PWD BLD	2015	12.6.1	Cement plaster skirting upto 30 cm. height with cement mortar 1:3 (1 cement : 3 fine sand) finished with a floating coat of neat cement including rounding of junction with floor.18 mm thick in two layers of 12mm and 6mm	SQM	200	115.968	23194
27	PWD	PWD BLD	2015	8.2.1	Providing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position.Sal, bijasal, benteak, khair, haldu	CUM	61051	0.9464	57779
28	PWD	PWD BLD	2015	8.3	Providing 40x5mm iron hold fast 40cm long including fixing to frame with 10mm bolts nuts and wooden plug and embedding in Cement Concrete 1:2:4 in blocks of size 30x10x15cm.	EACH	72.5	68	4930
29	PWD	PWD BLD	2015	8.14. 1	Providing and fixing flush door shutters, core of block board construction with frame of first class hard wood and well matched first class Indian teak ply veneering on one face and commercial ply veneering on the other face of the shutter with vertical grains, cross bands and face veneering excluding hinges.40 mm. thick (single leaf)	SQM	2034	51.84	105443
30	PWD	PWD BLD	2015	8.115	Extra for double leaf shutter instead of single leaf.		52	52.8	2746
31	PWD	PWD BLD	2015	8.61.1	Providing and fixing brass door latch with brass polished MS screws complete:300x16x5 mm		398	22	8756
32	PWD	PWD BLD	2015	8.65	providing and fixing bright finished brass door handles nwith brass polished MS screw complete		49.0	22.0	1078
33	PWD	PWD BLD	2015	9.2	Structural steel work riveted or bolted or welded in built-up sections, trusses and frames work upto a height of 5m above plinth level, including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	KG	66.0	40688.3	2685425

34	PWD	PWD BLD	2015	9.15	Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer.	KG	68.0	3168.0	215424
35	PWD	PWD BLD	2015	9.27.1	Supplying and fixing rolling shutter of approved makes made of M.S. laths interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and out side locking with push and pull arrangement complete but excluding the cost of top cover and spring.80x1.25mm M.S. Laths	SQM	1691.0	68.9	116425
36	PWD	PWD BLD	2015	9.28	Providing and fixing 27.5cm long wire spring for rolling shutters.	EACH	362.0	14.0	5068
37	PWD	PWD BLD	2015	9.29	Providing and fixing M.S. sheet top cover for rolling shutter	SQM	540.0	12.8	6885
38	PWD	PWD BLD	2015	9.3	Providing and fixing ball bearing for rolling shutters.	EACH	423.0	24.0	10152
39	PWD	PWD BLD	2015	9.31	Providing and fixing mechanical device chain and crank operation for operating rolling shutters.	SET	5672.0	12.0	68064
40	PWD	PWD BLD	2015	9.47.2	Providing and fixing aluminium work for doors, windows, ventilators and partitions made out of extruded aluminium standard sections (main section with minimum 1.5mm thickness) conforming to IS: 733, IS: 1285 mitred and jointed mechanically including aluminium cleats, neoprene weather stripping gasket beveled edge beading, screws duly fixed in wall/ floor with fixing clips or hold fasteners or bolts and nuts as required aluminium sections shall be anodized transparent or dyed to approved shade according to IS: 1868, minimum anodic coating shall be of grade AC-15. (Glazing to be paid for separately.For shutter of doors, windows & ventilators including providing and making provision for fixing of fitting wherever required including the cost of PVC/ neoprene gasket required (Fittings shall be paid for separately).	KG	338.0	1085.8	366984
41	PWD	PWD BLD	2015	9.51.2	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete. (Cost of aluminium snap beading shall be paid in basic item):With float glass panes of 5 mm thickness	SQM	708.0	208.2	147370
42	PWD	PWD BLD	2015	9.43.1	Providing and fixing in position chain linked steel wire fabric made of 4 mm dia G.I. wire of required width in mesh to concrete/ wooden/ angle iron posts including securing and screwing with 2mm dia G.I. wire, G.I. staples, G.I.U-nails or steel pins etc., complete.Aperture 50x50mm	SQM	331.0	115.4	38181
43	PWD	PWD BLD	2015	14.12	Applying one coat of cement primer on wall surface (applied @ 0.80 litres/10 sqm) complete.	SQM	23.0	7048.2	162107
44	PWD	PWD BLD	2015	14.1.1	Wall painting with acrylic premium emulsion (plastic) paint of required shade to give an even shade.On new work (two or more coats)	SQM	44.5	4004.4	178196
45	PWD	PWD BLD	2015	14.15.1	Painting exterior surface with ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with:On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	SQM	56.0	3043.7	170449
46	PWD	PWD BLD	2015	14.22.2	Painting on new work (two or more coats) to give an even shade with: Premium synthetic enamel paint	SQM	47.0	4821.1	226593
47	PWD	PWD BLD	2015	10.12	Supply and fixing of polymer pre-coated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling/ self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	SQM	693.0	3317.6	2299130
48	PWD	PWD BLD	2015	10.16.1	Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers completeRidges plain (500-600mm)	METRE	552.0	548.4	302695
49	PWD	PWD BLD	2015	10.16.2	Flashings/ Aprons. (Upto 600 mm)	METRE	539.0	548.4	295566
50	PWD	PWD BLD	2015	10.16.6	Gutter. (600 mm over all girth).	METRE	629.0	541.0	340264
51	PWD	ELECT	2020	6.6.3	Supplying, installation, testing and commissioning of the following sizes heavy duty (continuous running 1400 rpm exhaust fan in existing opening in wall including earthing etc. complete as per specification. P.F. should bea greater than 0.9 450 mm sweep	EACH	3976	68	270368
52	PWD	ELECT	2020	1.7.1	Wiring for light/ fan/ exhaust fan / call bell point with 3x1.5 Sqmm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) with 5/6 amp modular switch, modular base and cover plate, suitable size G.I. box as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5) Short Point	P	266.00	61.00	16226
53	PWD	ELECT	2020	1.7.2	Wiring for light/ fan/ exhaust fan / call bell point with 3x1.5 Sqmm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) with 5/6 amp modular switch, modular base and cover plate, suitable size G.I. box as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)Medium Point	P	424.00	87.00	36888
54	PWD	ELECT	2020	1.7.3	Wiring for light/ fan/ exhaust fan / call bell point with 3x1.5 Sqmm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) with 5/6 amp modular switch, modular base and cover plate, suitable size G.I. box as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5) Long Point	P	588.00	930.00	546840
55	PWD	ELECT	2020	1.9	Extra for providing and fixing light plug point on board in concealed FRLSPVC conduit (heavy duty, thickness of pipe should be 2 mm) point wiring with modular type 3 pin 5/6 amp socket outlet and 5/6 amp switch including cost of base and cover plate and G. I. box etc. as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)	P	216.00	106.00	22896
56	PWD	ELECT	2020	1.10.1	Wiring for light plug point with 3x2.5 sq mm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) along with modular type 6 Amp switch and 3 pin 6 amps socket outlet with modular base and cover plate, suitable size G.I. box, earthing the switch box and socket outlet with same size wire etc. as per specification and IS: 694 (2010), IS: 9537 (2000 Part S)Short Point	P	442.00	9.00	3978
57	PWD	ELECT	2020	1.10.2	Wiring for light plug point with 3x2.5 sq mm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) along with modular type 6 Amp switch and 3 pin 6 amps socket outlet with modular base and cover plate, suitable size G.I. box, earthing the switch box and socket outlet with same size wire etc. as per specification and IS: 694 (2010), IS: 9537 (2000 Part S)Medium Point	P	659.00	8.00	5272

77	PWD	ELECT	2020	1.13.4	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, wire in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5) 9 X 2.5 sq. mm in 32mm conduit	METRE	238.00	105.00	24990
78	PWD	ELECT	2020	1.13.12	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, wire in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5) 6 X 4 sq. mm in 32mm conduit	METRE	236.00	112.00	26432
79	PWD	ELECT	2020	1.13.13	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, wire in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5) 6 X 6 sq. mm in 32mm conduit	METRE	312.00	1083.00	337896
80	PWD	ELECT	2020	1.14	Extra cost for point wiring in concealed in FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) at height above 4 meters from floor level for every 2 metres or part thereof, and IS: 694 (2010), IS: 9537 (2000 Part 5)	P	10.00	131.00	1310
81	PWD	ELECT	2020	1.15.1	Supplying and fixing of following sizes FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) along with accessories in concealed complete as per specification and IS: 9537 (2000 Part 5) 20 mm	METRE	42.00	138.00	5796
82	PWD	ELECT	2020	1.15.2	Supplying and fixing of following sizes FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) along with accessories in concealed complete as per specification and IS: 9537 (2000 Part 5) 25mm	METRE	53.00	138.00	7314
83	PWD	ELECT	2020	5.4.1	Supplying and fixing following modular switch, socket, other accessories on the existing modular plate & switch box including connections but excluding modular plate etc. as per specification. 5/6 amps one way switch	EACH	69.00	46.00	3174
84	PWD	ELECT	2020	5.4.4	Supplying and fixing following modular switch, socket, other accessories on the existing modular plate & switch box including connections but excluding modular plate etc. as per specification. 15/16 amp switch	EACH	89.00	20.00	1780
85	PWD	ELECT	2020	5.4.5	Supplying and fixing following modular switch, socket, other accessories on the existing modular plate & switch box including connections but excluding modular plate etc. as per specification. 3 pin 5/6 amp socket outlet	EACH	96.00	29.00	2784
86	PWD	ELECT	2020	5.4.6	Supplying and fixing following modular switch, socket, other accessories on the existing modular plate & switch box including connections but excluding modular plate etc. as per specification. 6 pin 15/16 amp socket outlet	EACH	120.00	20.00	2400
87	PWD	ELECT	2020	5.4.7	Supplying and fixing following modular switch, socket, other accessories on the existing modular plate & switch box including connections but excluding modular plate etc. as per specification. 6 pin 20 amp socket outlet	EACH	144.00	9.00	1296
88	PWD	ELECT	2020	5.4.9	Supplying and fixing following modular switch, socket, other accessories on the existing modular plate & switch box including connections but excluding modular plate etc. as per specification. Fan regulator (two module size) electronic stepped type moving all rounds	EACH	223.00	96.00	21408
89	PWD	ELECT	2020	6.1.4	Supplying, installation, testing and commissioning of following sizes ceiling fan including wiring the down rods of standard length up to 30 cm with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable, earthing etc. complete as required. P.F. should be greater than 0.9, with BEE Star rating from 3 star and above. IS: 374:2019 including all amendments. 1400 mm sweep	EACH	1773.00	97.00	171981
90	PWD	ELECT	2020	6.6.3	Supplying, installation, testing and commissioning of following sizes heavy duty (continuous running) 1400 rpm exhaust fan in existing opening in wall including earthing etc. complete as per specification. P.F. should be greater than 0.9 450 mm sweep	EACH	3976.00	58.00	230608
91	PWD	ELECT	2020	6.11.2	Supplying and fixing following sizes of down rod of 15/20mm dia M.S. pipe of thickness 2 mm to ceiling fan including painting with matching colour etc. as per specification. 60 cm long	EACH	40.00	86.00	3440
92	PWD	ELECT	2020	6.17.6	Supplying, fixing, testing and commissioning of following LED lamps with inbuilt electronic driver heat sink and all other accessories in existing holder/ luminaires as per specification and P.F. should be greater than 0.9. LED chip efficacy ratio * 100 lumens /watt. 15 Watt	EACH	249.00	28.00	6972
93	PWD	ELECT	2020	6.19.3	Supplying, installation, testing and commissioning of following LED tube light fitting including batten with Electronic Driver Heat sink Capacitor complete with all other accessories on surface/ in false ceiling, including connection, earthing etc complete as per specification and IP20, P.F. should be greater than 0.9. LED chip efficacy ratio * 100 lumens /watt. 18/20 watt (4 feet)	EACH	443.00	208.00	92144
94	PWD	ELECT	2020	6.27.1	Supplying, installation, testing and commissioning of following LED Bulk Head fitting complete with Electronic Driver Heat sink Capacitor and all other accessories, including connection, earthing etc complete as per specification and P.F. should be greater than 0.9. LED chip efficacy ratio * 100 lumens /watt. IP65	EACH	1140.00	32.00	36480
95	PWD	ELECT	2020	6.29.2	Supplying of following 230/250 volts LED Flood light fitting with all accessories like driver, heat sink made of die cast aluminium with IP 66 protection and 15 KV surge protection on pole bracket, including connection, earthing, Separate housing for driver etc complete as per specification and P.F. should be greater than 0.9. LED chip efficacy ratio * 120 lumens /watt.	EACH	2855.00	130.00	371150
96	PWD	ELECT	2020	9.1.4	Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as per specification, IS/ IEC: 60947-2 and Ics = 100 % Icu. 3 pole MCCB, 100A, Adjustable Thermal - Magnetic Release, 25KA	EACH	3734.00	5.00	18670
97	PWD	ELECT	2020	9.1.5	Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as per specification, IS/ IEC: 60947-2 and Ics = 100 % Icu. 3 pole MCCB, 125A, Adjustable Thermal - Magnetic Release, 25KA	EACH	5740.00	1.00	5740
98	PWD	ELECT	2020	9.1.6	Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as per specification, IS/ IEC: 60947-2 and Ics = 100 % Icu. 3 pole MCCB, 160A, Adjustable Thermal - Magnetic Release, 25KA	EACH	7623.00	2.00	15246
99	PWD	ELECT	2020	9.2.1	Supplying and fixing on surface/ recess following way, 240 volts SP&N MCB distribution board of sheet steel phosphatized and powder painted complete with tinned copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, including interconnections, earthing etc. as per specification. (But without MCB/RCCB/Isolator) 4 way, Single door	EACH	567.00	66.00	37422
100	PWD	ELECT	2020	9.4.4	Supplying and fixing on surface/ recess horizontal type following way, 415 volts, TPN MCB distribution board of sheet steel phosphatized and powder painted, complete with tinned copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, including interconnections, earthing etc. as per specification. (But without MCB/RCCB/Isolator) 4 way Double door	EACH	1716.00	5.00	8580
101	PWD	ELECT	2020	9.4.5	Supplying and fixing on surface/ recess horizontal type following way, 415 volts, TPN MCB distribution board of sheet steel phosphatized and powder painted, complete with tinned copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, including interconnections, earthing etc. as per specification. (But without MCB/RCCB/Isolator) 6 way Double door	EACH	2038.00	3.00	6114
102	PWD	ELECT	2020	9.6.6	Supplying and fixing on surface/ recess vertical type following way, 415 volts, TPN MCB distribution board of sheet steel phosphatized and powder painted, with 200 amps tinned copper busbar, common neutral link, earth bar, din bar, detachable gland/ knock out plate, provision for 63/100 amp MCCB as incomer including interconnection between incomer MCCB and busbars, earthing etc. as per specification. (But without MCCB and MCB) (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.) 9.6.6 12 way (4 + 36), Double door with provision for 100 amps MCCB as incomer	EACH	6805.00	9.00	61245
103	PWD	ELECT	2020	9.11.2	Supplying and fixing SP MCB, 240 volts, 'C' curve, suitable for inductive load in the existing MCB DB complete with connections, testing and commissioning etc. as per specification. 6 amps to 32 amps	EACH	148.00	118.00	17464

104	PWD	ELECT	2020	9.15.2	Supplying and fixing TP MCB, 440 volts, 'D' curve, suitable for inductive/ motor load in the existing MCB DB complete with connections, testing and commissioning etc. as per specification. 6 amps to 32 amps	EACH	686.00	67.00	45962
105	PWD	ELECT	2020	9.15.3	Supplying and fixing TP MCB, 440 volts, 'D' curve, suitable for inductive/ motor load in the existing MCB DB complete with connections, testing and commissioning etc. as per specification.40 amps	EACH	1077.00	9.00	9693
106	PWD	ELECT	2020	9.15.5	Supplying and fixing TP MCB, 440 volts, 'D' curve, suitable for inductive/ motor load in the existing MCB DB complete with connections, testing and commissioning etc. as per specification.63 amps	EACH	1084.00	7.00	7588
107	PWD	ELECT	2020	9.17.2	Supplying and fixing TP&N MCB, 440 volts, 'D' curve, suitable for inductive/ motor load in the existing MCB DB complete with connections, testing and commissioning etc. as per specification. 6 amps to 32 amps	EACH	933.00	67.00	62511
108	PWD	ELECT	2020	9.17.3	Supplying and fixing TP&N MCB, 440 volts, 'D' curve, suitable for inductive/ motor load in the existing MCB DB complete with connections, testing and commissioning etc. as per specification.40 amps	EACH	1351.00	10.00	13510
109	PWD	ELECT	2020	9.17.5	Supplying and fixing TP&N MCB, 440 volts, 'D' curve, suitable for inductive/ motor load in the existing MCB DB complete with connections, testing and commissioning etc. as per specification.63 amps	EACH	1326.00	6.00	7956
110	PWD	ELECT	2020	12.19.1	Providing maintenance free earthing with following size GI pipe including making bore pit of minimum 150mm dia, providing and laying approved make Earthing Electrode of Pipe-in-Pipe technology as per IS 3043(R 2016) -1987 made of corrosion free G.I. Pipes having outer pipe of 80mm dia and inner pipe of 50mm dia and filling with specified qty highly conductive compound around pipe and above that with soft soil in bore pit complete and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. as per specification: With 3 metre long GI Pipes and 50 kg back filling compound.	EACH	10955	16	175280
111	PWD	PWD BLD	2015	19.4.6	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing.This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. INTERNAL WORK - EXPOSED ON WALL 50mm nominal outer dia Pipes	METRE	560	555	310800
112	PWD	PWD BLD	2015	19.4.2	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing.This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. INTERNAL WORK - EXPOSED ON WALL 20mm nominal outer dia Pipes	METRE	151	467	70517
113	PWD	PWD BLD	2015	19.4.1	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing.This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. INTERNAL WORK - EXPOSED ON WALL 15mm nominal outer dia Pipes	METRE	110	415	45650
114	PWD	PWD BLD	2015	19.14.3	Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required: Long body bib cock (500 grams)	NOS	426	31	13206
115	PWD	PWD BLD	2015	19.17.2	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 20 mm nominal bore	EACH	394	57	22458
116	PWD	PWD BLD	2015	18.76.1	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete. 75mm dia pipe	METER	182	172	31304
117	PWD	PWD BLD	2015	18.76.2	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete. 110mm dia pipe	METER	267	496	132432
118	PWD	PWD BLD	2015	18.76.3	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete. 150mm dia	METER	440	560	246400
119	PWD	PWD BLD	2015	18.77.1.1	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion. Tee/ Tee with door/ Bend 45°/ Bend 90 ,75mm	EACH	113	252	28476
120	PWD	PWD BLD	2015	18.77.1.1	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion. Tee/ Tee with door/ Bend 45°/ Bend 90°,110 mm	EACH	154	290	44660
121	PWD	PWD BLD	2015	18.77.1.1	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion. Tee/ Tee with door/ Bend 45°/ Bend 90,150 mm	EACH	273	227	61971
122	PWD	PWD BLD	2015	18.77.6	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.Nahani trap 110x75mm	EACH	90.5	68	6154
123	PWD	PWD BLD	2015	11.1.2	Providing and making 6mm thick cement plaster of mix:In Cement Mortar 1:4 (1 cement : 4 fine sand)	SQM	87	8	696
124	PWD	PWD BLD	2015	12.28	15mm thick Marble stone slab flooring over 18mm (Average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry including grinding rubbing and polishing etc. complete. (Area of slab should be 0.50 sqm and above)	SQM	3752	98.16	368296
125	PWD	PHED	2020	28.1	Carrying out the resistivity survey by VES method using Schlumberger configuration for locating the proper spot with three soundings for drilling of tube well within the selected Habitation, including photography, interpretation of resistivity data and submission of report in the desired format along with resistivity readings, necessary graph and photographs.	P	1633	2	3266
126	PWD	PHED	2020	29.3	Drilling of perfectly vertical bore hole of a diameter suitable to receive 150 mm nominal diameter casing pipe upto desired depth below ground level inclusive of the labour charges for transporting, lowering and fixing of 150 mm nominal diameter and fixing of 150 mm nominal diameter M.S./ G.I. / U.P.V.C. casing pipe inside the bore hole including all works pertaining to drilling such as transportation, installation and removal of drilling machine etc.complete.In all type of collapsible strata consisting of soils, clays, sand, moorum, gravel, boulders etc.	METER	527	30	15810
127	PWD	PHED	2020	29.3	Drilling of perfectly vertical bore hole of a diameter suitable to receive 150 mm nominal diameter casing pipe upto desired depth below ground level inclusive of the labour charges for transporting, lowering and fixing of 150 mm nominal diameter and fixing of 150 mm nominal diameter M.S./ G.I. / U.P.V.C. casing pipe inside the bore hole including all works pertaining to drilling such as transportation, installation and removal of drilling machine etc.complete.In all types of rocks.	METER	639	0.6	383
128	PWD	PHED	2020	29.4	Drilling of perfectly vertical bore hole of a diameter suitable to receive 150 mm nominal diameter casing pipe upto desired depth below ground level inclusive of the labour charges for transporting, lowering and fixing of 150 mm nominal diameter and fixing of 150 mm nominal diameter M.S./ G.I. / U.P.V.C. casing pipe inside the bore hole including all works pertaining to drilling such as transportation, installation and removal of drilling machine etc.complete.	METER	609	169.4	103165
129	PWD	PHED	2020	32.3	Measurement of yield of tube well by operating hand pump continuously for four hours manually.	EACH	700	2	1400

130	PWD	PHED	2020	32.4	Disinfection of tube well using bleaching powder solution as per the direction of the Engineer in Charge including the cost of bleaching powder and labour etc. complete.	EACH	61	2	122
131	PWD	PHED	2020	29.9	Providing and fixing of well cap on top of the tube well for protection MS caps. 150 mm. dia	EACH	376	2	752
132	PWD	PHED	2020	30.7	Construction of concrete block over dry tube wells for protection of size 0.45m x 0.45m x 0.45 m in M-15 cement concrete mix complete work.	EACH	629	2	1258
133	PWD	PHED	2020	6	ISI marked G.I. casing pipe (Plain) medium class in 4 to 7 meters length one end fitted with socket as per I.S.: 1239 (Part-2) 1992 with IV th revision (Up-to- date amendments), Part-C, General Note: 27.28.10 150mm dia	METER	1251	60	75060
134	PWD	PHED	2020	34.20.1	Hz. 415V, deep well submersible pump Steel body, suitable for 6"tube well with Control Panel Starter suitable for Submersible pump with dry run protection, single phase preventer, connections, including clamps, bore cap etc. as required as per specifications but excluding pipe andconnection cable.5 H.P. WITH 10 TO 11 Stages , Head Mt. 101 - 40 Discharge LMP	EACH	45776	2	91552
135	PWD	PWD BLD	2015	19.5.4	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. 32 mm nominal outer dia .Pipes.	METER	284	120	34080
136	PWD	PHED	2020	34.20.107	Supplying and laying of submersible flat cable ISI marked 3 core copper wire of suitable size with proper clamping of approved make. 4.0 Sq.mm.multi strand	METER	170	150	25500
137	PWD	PHED	2020	34.20.109	Supplying and laying of approved make stainless steel wire rope 6 mm thick complete with binding for support of pump and motor.	METER	139	150	20850
138	PWD	PHED	2020	34.18.4	Labour only for lowering of three phase submersible pumping set in the tube well with pipe line assembly, electrical cable, testing etc. completeincludingconnecting the electrical cable from pump & starter. 3 HP to 7.5 HP - Depth up to 150 mtr.	EACH	2192	2	4384
139	PWD	PHED	2020	26.12	Providing and fixing water level indicator upto 5 mtr height including MS enable gauge plate 150mm wide 3 mm thick, copper float, providing and fixing required accessories such as pointer, pulleys, nylon thread including cost of all material, labour etc. complete	EACH	5204	2	10408
140	PWD	PHED	2020	18.15	Earth work in excavation for pipe trench in ordinary soil areas including dressing, watering, ramming and disposal of excavated earth lead up to 50m and lift up to 1.5m, disposal earth to be levelled, neatly dressed.	CUM	161	273.515	44036
141	PWD	PHED	2020	18.24	Supply & Filling moorum/river sand for pipe bedding or over the pipe (including supply)	CUM	693	48.9	33888
142	PWD	PHED	2020	9.1	Providing, Laying, Jointing & field testing of HDPE pipes (High Density Polyethylene Pipes) confirming to IS 4984/14151/12786/13488 with necessary jointing material like mechanical connector of jointing pipes by heating to the ends of pipes with the help of Teflon coated electric mirror/ heater to the required temperature and then pressing the ends together against each other, to form a monolithic & leak proof joint by thermosetting process. It may be required to be done with Jack/ Hydraulic Jacks/ Butt fusion machine. (50 mm & above fusion jointed & below 50mm mechanical jointed) class 06kg/cm2- 63 mm dia -	METER	116	243	28188
143	PWD	PHED	2020	9.1	Providing, Laying, Jointing & field testing of HDPE pipes (High Density Polyethylene Pipes) confirming to IS 4984/14151/12786/13488 with necessary jointing material like mechanical connector of jointing pipes by heating to the ends of pipes with the help of Teflon coated electric mirror/ heater to the required temperature and then pressing the ends together against each other, to form a monolithic & leak proof joint by thermosetting process. It may be required to be done with Jack/ Hydraulic Jacks/ Butt fusion machine. (50 mm & above fusion jointed & below 50mm mechanical jointed) class 06kg/cm2- 75 mm dia -	METER	167	43	7181
144	PWD	PHED	2020	9.1	Providing, Laying, Jointing & field testing of HDPE pipes (High Density Polyethylene Pipes) confirming to IS 4984/14151/12786/13488 with necessary jointing material like mechanical connector of jointing pipes by heating to the ends of pipes with the help of Teflon coated electric mirror/ heater to the required temperature and then pressing the ends together against each other, to form a monolithic & leak proof joint by thermosetting process. It may be required to be done with Jack/ Hydraulic Jacks/ Butt fusion machine. (50 mm & above fusion jointed & below 50mm mechanical jointed) class 06kg/cm2- 90 mm dia	METER	236	114	26904
145	PWD	PHED	2020	9.1	Providing, Laying, Jointing & field testing of HDPE pipes (High Density Polyethylene Pipes) confirming to IS 4984/14151/12786/13488 with necessary jointing material like mechanical connector of jointing pipes by heating to the ends of pipes with the help of Teflon coated electric mirror/ heater to the required temperature and then pressing the ends together against each other, to form a monolithic & leak proof joint by thermosetting process. It may be required to be done with Jack/ Hydraulic Jacks/ Butt fusion machine. (50 mm & above fusion jointed & below 50mm mechanical jointed) class 06kg/cm2- 110 mm dia	METER	395	38	15010
146	PWD	PHED	2020	9.1	Providing, Laying, Jointing & field testing of HDPE pipes (High Density Polyethylene Pipes) confirming to IS 4984/14151/12786/13488 with necessary jointing material like mechanical connector of jointing pipes by heating to the ends of pipes with the help of Teflon coated electric mirror/ heater to the required temperature and then pressing the ends together against each other, to form a monolithic & leak proof joint by thermosetting process. It may be required to be done with Jack/ Hydraulic Jacks/ Butt fusion machine. (50 mm & above fusion jointed & below 50mm mechanical jointed) class 06kg/cm2- 140 mm dia	METER	572	51	29172
147	PWD	PHED	2020	9.2	Providing and laying including testing Bend 90 confirming to specification class 06 kg/cm2 63 mm dia	EACH	84	2	168
148	PWD	PHED	2020	9.2	Providing and laying including testing Bend 90 confirming to specification class 06 kg/cm2 75 mm dia	EACH	131	2	262
149	PWD	PHED	2020	9.2	Providing and laying including testing Bend 90 confirming to specification class 06 kg/cm2 90 mm dia	EACH	202	2	404
150	PWD	PHED	2020	9.2	Providing and laying including testing Bend 90 confirming to specification class 06 kg/cm2 110 mm dia	EACH	268	1	268
151	PWD	PHED	2020	9.2	Providing and laying including testing Bend 90 confirming to specification class 06 kg/cm2 125 mm dia	EACH	523	1	523
152	PWD	PHED	2020	9.3	Providing and laying including testing Bend 45 confirming to IS specification.63 mm dia -	EACH	98	2	196

153	PWD	PHED	2020	9.3	Providing and laying including testing Bend 45 confirming to IS specification.75 mm dia -	EACH	148	2	296
154	PWD	PHED	2020	9.3	Providing and laying including testing Bend 45 confirming to IS specification.90 mm dia	EACH	214	2	428
155	PWD	PHED	2020	9.3	Providing and laying including testing Bend 45 confirming to IS specification.110 mm dia	EACH	317	1	317
156	PWD	PHED	2020	9.3	Providing and laying including testing Bend 45 confirming to IS specification.140 mm dia	EACH	664	1	664
157	PWD	PHED	2020	9.4	Providing and laying including testing Equal Tee confirming to IS specification.63 mm dia -	EACH	104	2	208
158	PWD	PHED	2020	9.4	Providing and laying including testing Equal Tee confirming to IS specification.75 mm dia -	EACH	172	2	344
159	PWD	PHED	2020	9.4	Providing and laying including testing Equal Tee confirming to IS specification.90 mm dia	EACH	305	2	610
160	PWD	PHED	2020	9.4	Providing and laying including testing Equal Tee confirming to IS specification.140 mm dia	EACH	674	2	1348
161	PWD	PHED	2020	9.8	Providing and laying including testing End Cap confirming to IS specifications..63 mm dia -	EACH	76	2	152
162	PWD	PHED	2020	9.6	Providing and laying including testing Reducer: confirming to IS specifications..63 mm dia -	EACH	93	2	186
163	PWD	PHED	2020	9.6	Providing and laying including testing Reducer: confirming to IS specifications.75 mm dia -	EACH	118	2	236
164	PWD	PHED	2020	9.6	Providing and laying including testing Reducer: confirming to IS specifications..90 mm dia	EACH	127	1	127
165	PWD	PHED	2020	9.6	Providing and laying including testing Reducer: confirming to IS specifications.140 mm dia	EACH	161	2	322
166	PWD	PHED	2020	9.7	Providing butt fusion welded joint/joining by heating to the ends with the help of Teflon coated electric mirror/heater ends together etc. by thermosetting processes to HDPE Pipe and specials. (6 kg. 8 kg. 10 kg.) (50 mm & above fusion jointed & below 50 mm mechanical jointed) including testing63 mm dia -	EACH	107	1	107
167	PWD	PHED	2020	9.7	Providing butt fusion welded joint/joining by heating to the ends with the help of Teflon coated electric mirror/heater ends together etc. by thermosetting processes to HDPE Pipe and specials. (6 kg. 8 kg. 10 kg.) (50 mm & above fusion jointed & below 50 mm mechanical jointed) including testing90 mm dia	EACH	148	1	148
168	PWD	PHED	2020	9.7	Providing butt fusion welded joint/joining by heating to the ends with the help of Teflon coated electric mirror/heater ends together etc. by thermosetting processes to HDPE Pipe and specials. (6 kg. 8 kg. 10 kg.) (50 mm & above fusion jointed & below 50 mm mechanical jointed) including testing140 mm dia	EACH	209	2	418
169	PWD	PHED	2020	18.23	Filling available excavated earth in trenches, lead up to 50m and lift up to 1.5m in all kind of soil excluding Watering and ramming.	CUM	50	273.97	13699
170	PWD	PWD BLD	2015	9.57.2	Providing stainless steel railing/ grill made of S.S. flats, hollow S.S. pipe or square/ rectangular sections of approved design fixing in stair case, balcony or other places with metal fasteners and stainless steel bolts etc complete.SS Grade 304	KG	525.0	40	21000
171	PWD	PWD BLD	2015	12.14.3	Supplying and fixing C.I. cover without frame for manholes :560 mm diameter C.I. cover (heavy duty) the weight of the cover to be not less than 108 kg.	EACH	5648.0	1	5648
172	PWD	PHED	2020	30.20.106	supplying & Installation of Energy efficient five star BEE rating ISI Marked required capacity of Three Phase, 50 Hz, 415V, deep well submersible pump Steel body, suitable for 6"tube well with Control Panel Starter suitable for Submersible pump with dry run protection, single phase preventer, connections, including clamps, bore cap etc. as required as per specifications but excluding pipe andconnection cable. LPM 60-270	EACH	63102.0	4	252408
173	PWD	ELECT	2020	6.28.5	Supplying, installation, testing and commissioning of following 230/250 volts LED street light fitting with all accessories like driver, heat sink made of die cast aluminium with IP 66 protection and 15 KV surge protection on pole bracket, including connection, earthing. Separate housing for driver etc complete as per specification and P.F. should be greater than 0.9. LED chip efficacy ratio * 120 lumens /watt. 36 watt	EACH	2359	14	33026
174	PWD	PHED	2020	14.2.1	Supplying and laying HDPE pipe of 4kg/Sqcm in ground below road, path etc at a depth not less than 40 cm and upto 90 cm including excavation, dismantling of road if required and refilling the trench with excavated material, ramming and making the surface good etc. as per specification.63 mm outer dia	METER	124	150	18600
175	PWD	PHED	2020	14.5.3	Supplying and fixing G.I. pipe along with wall or pole/ support with 2 Nos MS clamps for protection of under ground cable in approved manner including bolts and nuts or metal dash fasteners complete as per specification.50 mm dia	METER	403	70	28210
176	PWD	PHED	2020	15.13.4	15.13 Supplying and laying following sizes one number FRLS PVC insulated, PVC sheathed, steel armoured, copper conductor control / power cable of 1.1 KV grade in exiting PVC/ GI pipe etc as per specification and IS: 694 (2010).4 x 10 sq. mm	METRE	419	10	4190
177	PWD	PHED	2020	15.13.5	Supplying and laying following sizes one number FRLS PVC insulated, PVC sheathed, steel armoured, copper conductor control / power cable of 1.1 KV grade in exiting PVC/ GI pipe etc as per specification and IS: 694 (2010).4 x 16 sq. mm	METRE	534	50	26700
178	PWD	PHED	2020	15.13.6	Supplying and laying following sizes one number FRLS PVC insulated, PVC sheathed, steel armoured, copper conductor control / power cable of 1.1 KV grade in exiting PVC/ GI pipe etc as per specification and IS: 694 (2010).4 x 25 sq. mm	METRE	777	60	46620
179	PWD	PHED	2020	15.13.7	Supplying and laying following sizes one number FRLS PVC insulated, PVC sheathed, steel armoured, copper conductor control / power cable of 1.1 KV grade in exiting PVC/ GI pipe etc as per specification and IS: 694 (2010).4 x 35 sq. mm	METRE	1012	10	10120
180	PWD	PHED	2020	15.13.8	Supplying and laying following sizes one number FRLS PVC insulated, PVC sheathed, steel armoured, copper conductor control / power cable of 1.1 KV grade in exiting PVC/ GI pipe etc as per specification and IS: 694 (2010).4 x 50 sq. mm	METRE	1327	30	39810
181	PWD	PHED	2020	15.14.4	Supplying and laying following sizes one number FRLS PVC insulated, PVC sheathed, steel armoured, copper conductor control / power cable of 1.1 KV grade on surface / existing cable tray with 1 mm thick GI saddle as per specification and IS: 694 (2010).4 x 10 sq. mm	METRE	424	5	2120
182	PWD	PHED	2020	15.14.5	Supplying and laying following sizes one number FRLS PVC insulated, PVC sheathed, steel armoured, copper conductor control / power cable of 1.1 KV grade on surface / existing cable tray with 1 mm thick GI saddle as per specification and IS: 694 (2010).4 x 16 sq. mm	METRE	540	6	3240

183	PWD	PHED	2020	15.14.6	Supplying and laying following sizes one number FRLS PVC insulated, PVC sheathed, steel armoured, copper conductor control / power cable of 1.1 KV grade on surface / existing cable tray with 1 mm thick GI saddle as per specification and IS: 694 (2010). 4 x 25 sq. mm	METRE	783	8	6264
184	PWD	PHED	2020	15.14.7	Supplying and laying following sizes one number FRLS PVC insulated, PVC sheathed, steel armoured, copper conductor control / power cable of 1.1 KV grade on surface / existing cable tray with 1 mm thick GI saddle as per specification and IS: 694 (2010). 4 x 35 sq. mm	METRE	1018	7	7126
185	PWD	PHED	2020	15.14.8	Supplying and laying following sizes one number FRLS PVC insulated, PVC sheathed, steel armoured, copper conductor control / power cable of 1.1 KV grade on surface / existing cable tray with 1 mm thick GI saddle as per specification and IS: 694 (2010). 4 x 50 sq. mm	METRE	1333	4	5332
186	PWD	PHED	2020	15.15.1	Supplying and laying following sizes one number FRLS PVC insulated, PVC sheathed, steel armoured, copper conductor control / power cable of 1.1 KV grade on surface / existing cable tray with 1 mm thick GI saddle as per specification and IS: 694 (2010) 2 x 1.5 sq. mm.	METRE	106	100	10600
187	PWD	PHED	2020	15.24.21	Supplying and making end termination with brass compression gland and copper lugs for following size armoured copper conductor power cable of 1.1 KV grade as per specification. 4 x 10 sq. mm	EACH	110	2	220
188	PWD	PHED	2020	15.24.22	Supplying and making end termination with brass compression gland and copper lugs for following size armoured copper conductor power cable of 1.1 KV grade as per specification. 4 x 16 sq. mm	EACH	114	3	342
189	PWD	PHED	2020	15.24.23	Supplying and making end termination with brass compression gland and copper lugs for following size armoured copper conductor power cable of 1.1 KV grade as per specification. 4 x 25 sq. mm	EACH	164	3	492
190	PWD	PHED	2020	15.24.24	Supplying and making end termination with brass compression gland and copper lugs for following size armoured copper conductor power cable of 1.1 KV grade as per specification. 4 x 35 sq. mm	EACH	196	2	392
191	PWD	PHED	2020	19.1.2	Supply of "H" beam steel pole as per IS specifications in standard length for over head line work: "H" beam steel pole 152x152x7x12 mm standard weight 37.1 kg /metre	METER	2002	130	260260
192	PWD	PHED	2020	19.10.4	Erection of STEEL TUBULAR or "H" BEAM/ ISMB pole in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation and cement concrete collar of size 0.4 metre dia and 0.50 metre height from ground level including excavation and refilling etc. as per specification of length: 7 metre to 10 metre	EACH	2610	17	44370
193	PWD	PHED	2020	19.15	Supplying and fixing of 32mm dia x 2 metre long G.I pipe (light) bracket for mounting street light fittings of all types on poles including bending the pipe to the required shape, 2 Nos 40x3mm flat iron clamps with bolts and nuts including wiring with 1.5 sq. mm W.P./PVC wire etc. as per specification.	EACH	902	17	15334
194	PWD	PHED	2020	20.1.4	Supply and fixing following overhead line accessories Turn buckle (19/20mmx60mm)	EACH	247	5	1235
195	PWD	PHED	2020	20.1.5	Supply and fixing following overhead line accessories MV Strain insulator	EACH	33	6	198
196	PWD	PHED	2020	20.1.6	Supply and fixing following overhead line accessories Bow tightener	EACH	163	5	815
197	PWD	PHED	2020	20.1.7	Supply and fixing following overhead line accessories MV Shackle insulator 75x90mm with G.I. bolts and nuts	EACH	45	85	3825
198	PWD	PHED	2020	20.1.8	Supply and fixing following overhead line accessories MV Shackle insulator 100x110mm with G.I. bolts and nuts	EACH	74	10	740
199	PWD	PHED	2020	20.1.11	Supply and fixing following overhead line accessories Bituminous cable compound	KG	55	10	550
200	PWD	PHED	2020	20.2.1	Supplying and erection of stay set complete (galvanized) with 19/20mm dia x 1.8 metre long stay rod, anchor plate of size 300mm x 300mm x 6.4 mm, thimble stay clamps, turn buckle (19/20mm x 600mm), strain insulator and specified G.I. stay wire etc. in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc. as per specification. With 7/4.00 mm dia G.I. stay wire	EACH	3255	5	16275
201	PWD	PHED	2020	20.2.2	Supplying and erection of stay set complete (galvanized) with 19/20mm dia x 1.8 metre long stay rod, anchor plate of size 300mm x 300mm x 6.4 mm, thimble stay clamps, turn buckle (19/20mm x 600mm), strain insulator and specified G.I. stay wire etc. in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc. as per specification. With 7/4.00 mm dia G.I. stay wire With 7/3.15 mm dia G.I. stay wire	EACH	3277	2	6554
202	PWD	PHED	2020	20.6	Supplying and erection of angle/channel iron cross arms/ bracket/ other fitting of approved size and shape including drilling of holes for insulator pins, bolts and nuts etc as per specification.	KG	77	1000	77000
203	PWD	PHED	2020	20.9.2	Supplying and erection of angle iron 50x50x6.0 (4.5kg/m) cross arm for overhead line complete with clamps, bolts and nuts including drilling of holes for insulator pins, bolts and nuts etc as per specification. For 4 wire overhead line (1.15m long)		460	17	7820
204	PWD	PHED	2020	20.10.1	Supplying and erection of galvanized 'D' iron complete with shackle insulator, G.I. bolts and nuts, coach screw etc. as per specification. Shackle insulator size 75mm x 90mm	SET	267	10	2670
205	PWD	PHED	2020	20.10.2	Supplying and erection of galvanized 'D' iron complete with shackle insulator, G.I. bolts and nuts, coach screw etc. as per specification. Shackle insulator size Shackle insulator size 100mm x 110mm	SET	293	7	2051
206	PWD	PHED	2020	20.11.1	Supplying and erection of shackle insulator with G.I. bolts, nuts and straps etc. as per specification. Size 75mm x 90mm	EACH	148	10	1480
207	PWD	PHED	2020	20.11.2	Supplying and erection of shackle insulator with G.I. bolts, nuts and straps etc. as per specification. Size Size 100mm x 110mm	EACH	181	7	1267
208	PWD	PHED	2020	20.13	Erection of shackle / pin insulator etc. as per specification.	EACH	23	85	1955
209	PWD	PHED	2020	20.14.2	Supplying and erection of guard for existing overhead lines as per specification including split insulator as per specification. Hexagonal type	EACH	41	80	3280
210	PWD	PHED	2020	20.15.1	Supplying and fixing guard insulator or split insulator complete 25x25 mm	PAIR	68	80	5440
211	PWD	PHED	2020	20.15.2	Supplying and fixing guard insulator or split insulator complete 37x37 mm	PAIR	73	5	365
212	PWD	PHED	2020	20.15.3	Supplying and fixing guard insulator or split insulator complete 50x50 mm	PAIR	77	5	385
213	PWD	PHED	2020	20.3	Supplying and erection of G.I wire of size 8 SWG to 4 SWG including binding etc. as per specification.	KG	105	100	10500
214	PWD	PHED	2020	20.31.1	Supplying and erection standards all aluminium. conductor of approved make (confirming to IS 398-1961) of approved make at existing insulator at height upto 14m from ground level including stringing, binding with insulator, jointing wherever required, jumpering, tearing off connection etc complete etc. as per specification including clearing off obstacle if any: 7/1.96mm dia	KM	17810	0.5	8905
215	PWD	PHED	2020	20.31.2	Supplying and erection standards all aluminium. conductor of approved make (confirming to IS 398-1961) of approved make at existing insulator at height upto 14m from ground level including stringing, binding with insulator, jointing wherever required, jumpering, tearing off connection etc complete etc. as per specification including clearing off obstacle if any: 7/2.44mm dia	KM	26894	0.1	2689
216	PWD	PHED	2020	20.31.3	Supplying and erection standards all aluminium. conductor of approved make (confirming to IS 398-1961) of approved make at existing insulator at height upto 14m from ground level including stringing, binding with insulator, jointing wherever required, jumpering, tearing off connection etc complete etc. as per specification including clearing off obstacle if any: 7/2.79mm dia	KM	35493	0.1	3549
217	PWD	PHED	2020	20.31.4	Supplying and erection standards all aluminium. conductor of approved make (confirming to IS 398-1961) of approved make at existing insulator at height upto 14m from ground level including stringing, binding with insulator, jointing wherever required, jumpering, tearing off connection etc complete etc. as per specification including clearing off obstacle if any: 7/3.40mm dia	KM	50448	1.5	75672
218	PWD	PHED	2020	20.33	Supplying and erection standards all aluminium. conductor of approved make (confirming to IS Supplying and erection DANGER BOARD made MS sheet duly painted and maked as per IE rules and specification.	EACH	56	17	952

219	PWD	ELECT	2020	21.1.1	Supply and installation of outdoor type Transformer ONAN type with copper winding having following continuous KVA rating, 11/0.415 KV, 3 Phase 50 HZ Vector Group Dyn-11, (Online Tap Charger) taping in steps of $\pm 2.5\%$, $\pm 5\%$, $+ 7.5\%$ with oil conservatory, silica get breather having connecting terminal on HV side suitable for vare conductor/HT cable connection, cable end box on medium voltage side suitable for 1.1 KV single/31/2 core cable (upto 300 sqm mm)/bus ducting arrangement and conforming to IS : 1190 Part-2 Level 3, on existing double pole structure or Brick/CC/RCC platform with all fittings, accessories, filled with filtered transformer oil including testing and commissioning etc. complete as per specification 100 KVA	EACH	302195	1	302195
220	PWD	PHED	2020	14.2	Rate for Elevated Service Reservoirs up to 12m staging 23.4 Cost of 50000 lit capacity	JOB	1263055	1	1263055
221	PWD	PHED	2020	14.15	Below mentioned rates are for foundations, with individual footing with bearing capacity of 20 t/sqm. However, for raft foundations, these rates shall be increased by:- (ii) 7.5 % where SBC is more that 5 t/sqm and up to 10 t/sqm,		94729.125	1	94729
222	PWD	PHED	2020	14.17	The rates are applicable for staging height of 12 m. These rates shall be increased or decreased for per metre variation in this staging height as below:- (ii) More than 12 m to 15 m staging - 6 % per metre		75783.3	1	75783
223	PWD	PWD BLD	2015	11.9	Extra for providing and mixing water proofing materials in cement plaster work in proportion as recommended by manufacturer 6mm plaster		43.5	175.695172	7643
224	PWD	ELECT	2015	6.1.2	Supplying, installation, testing and commissioning of following sizes ceiling fan including wiring the down rods of standard length up to 30 cm with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable, earthing etc. complete as required. P.F. should be greater than 0.9, with BEE Star rating from 3 star and above, IS: 374:2019 including all amendments.	EACH	1656	2	3312
225	PWD	ELECT	2015	6.1.3	Supplying, installation, testing and commissioning of following sizes ceiling fan including wiring the down rods of standard length up to 30 cm with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable, earthing etc. complete as required. P.F. should be greater than 0.9, with BEE Star rating from 3 star and above, IS: 374:2019 including all amendments.	EACH	1697	1	1697
226	PWD	ELECT	2020	1.13.1	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in concealed steel conduit as required. 3 X 2.5 sq. mm in 20mm conduit	EACH	110	22	2420
227	PWD	ELECT	2020	6.19.4	Supplying installation testing and commissioning of following led tube light fitting including better with electronic driver heat sink capacitor complete with all other accessories on surface in fall ceiling including connections earthing et	EACH	718	2	1436
228	PWD	ELECT	2020		3 Pole MCCB, 100 A, Adjustable Thermal - Magnetic Release, 25 KA	EACH	3734	2	7468
229	PWD	PWD BLD	2015	12.9	Providing and laying ceramic glazed floor tiles conforming to IS : 15622 of approved size, make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete.	SQM	692	48.5	33562
230	PWD	ELECT	2020	6.5.2	Supplying and fixing of wall cabin fan including connections rtc as per specifications pf shold be greater than 0.9	EACH	2040	10	20400
231	PWD	ELECT	2020		Supplying installation testing and commissioning of following led tube light fitting including better with electronic driver heat sink capacitor complete with all other accessories on surface in fall ceiling including connections earthing et	EACH	718	8	5744
232	PWD	PWD BLD	2015	18.1.4	Providing and fixing water closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS : 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required :	EACH	3545	5	17725
233	PWD	PWD BLD	2015	18.13	Providing and fixing white vitreous china urinal basin with waste fitting as per IS : 2556, and other couplings in C.P. brass complete:	EACH	1776	3	5328
234	PWD	PWD BLD	2015	18.14.1	Flat back half stall urinal of size 460x380x250mm	EACH	1183	2	2366
235	PWD	PWD BLD	2015	18.2	Providing and fixing white vitreous china WASH basin with waste fitting as per IS : 2556, and other couplings in C.P. brass complete:	EACH	4095	5	20475
236	PWD	PWB BLD	2015	20.14.1	Supplying and fixing C.I. cover without frame for manholes : 455x610 mm rectangular C.I. cover (light duty) the weight of the cover to be not less than 23 kg. (SOR I/20.14.1, P/192)	EACH	1222	3	3666
237	PWD	PWD BLD	2015	20.14.3	Supplying and fixing C.I. cover without frame for manholes : 560 mm diameter C.I. cover (heavy duty) the weight of the cover to be not less than 108 kg. (SOR I/20.14.3, P/192)	EACH	5648	3	16944
238	PWD	PWD BLD	2015	1.19	Providing filling and compacting local earth (from approved source pit) in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.	CUM	242	6.91488	1673
TOTAL AMOUNT									34213364