

**SCHEDULE FOR 6 Trade ITI,30 Seated Boys Hostel,30 Seated Girls Hostel,1 F,2 H & 4 I type Qtr at
Tilgara,Dist Dhar**

S.NO.	SOR ITEMS	DISCRPTION	UNIT	QTY	RATE	AMOUNT
	A	CIVIL				
1	2.1.1	Surface dressing of the ground including removing vegetation and in- equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m. in all kinds of soil.	Sqm	86.338	803.00	69329
2	2.6.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including dressing of sides and ramming of bottom disposal of excavated earth, lead up to 50	cum	4425.100	147.00	650490
3	2.7.1	Earth work in excavation/ by mechanical means (Hydraulic Excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5m in width as well as 10 sqm on plan) including dressing of sides and ramming of bottom disposal of excavated earth, lead up to 50	cum	1237.910	287.00	355280
4	2.7.3	Earth work in excavation/ by mechanical means (Hydraulic Excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5m in width as well as 10 sqm on plan) including dressing of sides and ramming of bottom disposal of excavated earth, lead up to 50	cum	332.060	828.00	274946
5	1.1.2	Transportation by mechanical means Transportation By Mechanical Transport including loading, unloading and stacking 1.1.2 Earth Earth	cum	1321.110	207.04	273523
6	2.25.1	Extra for every additional lift of 1.5 m or part thereof in excavation. (No extra lift is payable if work is done by mechanical means) All kind of soil	cum	258.070	30.00	7742
7	2.25.2	Extra for every additional lift of 1.5 m or part thereof in excavation. (No extra lift is payable if work is done by mechanical means) All kind of soil Ordinary or hard rock.	cum	887.470	53.00	47036
8	2.35	Earth work in rough excavation by any means and banking/filling excavated earth in layers not exceeding 20cm in depth, breaking clods, watering rolling each layer with 1/2 tonne roller or wooden or steel rammers etc. and rolling every 3rd	cum	272.400	130.00	35412
9	4.1.2.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level : With 40mm nominal size graded stone aggregate. M-15 - Grade concrete	cum	103.160	4403.00	454213
10	4.1.2.2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level : With 40mm nominal size graded stone aggregate. M-10 GRADE CONCRATE	cum	238.100	3808	906685
11	4.1.1.4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level : With 20mm metal With 20mm nominal size graded stone aggregate.	cum	286.430	3890	1114213
12	4.1.3.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level : 4.1.1 With 20mm metal With 20mm nominal size graded stone	cum	44.860	3459	155171
13	4.3.1	Centering and shuttering including strutting, propping etc. and removal of form work for : 4.3.1 Upto plinth Upto plinth: Foundations, footings, bases for columns, plinth beams, curtain walls, columns	sqm	452.380	169	76452
14	5.1.1	Providing and laying in position specified grade of reinforced cement concrete (with 20mm nominal size graded stone aggregate) excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : M-20 Grade Concrete	cum	862.100	6153.00	5304501
15	5.16.6	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding including cost of binding wire all wastages and overlaps, couplers (overlaps shall be provided as per requirement of IS 13920 for	Kg	323107.300	80.00	25848584
16	5.9.1	Centering and shuttering in cluding strutting, propping etc. and removal of form for: Foundations, footings, bases of columns, etc. for concrete upto plinth level	sqm	2542.950	190.60	484686

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17	5.9.2.1	Centering and shuttering in cluding strutting, propping etc. and removal of form for:Walls (any thickness) in cluding attached pilasters butter esses, plinth beams and string courses etc. Uptoplinthlevel.	sqm	4350.750	219.00	952814
18	2.24	Filling available excavated earth (excluding hard rock/Ordinary rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and	cum	3298.800	95.00	313386
19	2.27.1	Supplying and filling in plinth under floors including watering ramming consolidating in layers not exceeding 20cm in depth and dressing complete. With hard muram having CBR	cum	895.390	393.00	351888
20	2.27.2	Supplying and filling in plinth under floors including watering ramming consolidating in layers not exceeding 20cm in depth and dressing complete. Supplying and filing in plinth	cum	2095.350	331.00	693561
21	2.26	Supplying and filling in plinth with crusher stone dust / coarse sand under floors including, watering, ramming and compacting in layers not exceeding	cum	409.140	672.00	274942
22	2.32	SOR Item No 2.32 Page No.27 Preconstruction antitermite treatment to the building under construction by providing Staie 1: Treating the bottom and the sides (upto 30cm high of the excavated trench ©litter per sqm of the	sqm	2779.940	136.00	378072
23	11.72.3	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc. of required colour strength, thickness pattern, surface texture (smooth/rough) and size/shape, conforming to 15658-2006	Sqm	1341.160	680.00	911989
24	11.73	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 sand), including making joints with or without grooves (thickness of joints	Sqm	19.180	6097.00	116940
25	4.17	Making plinth protection 50mm thick of cement concrete grade M10 over 75mm bed of dry metal ballast 40mm nominal size well rammed and cons-olidated and filled with sand including finishing the top smooth (with 20mm nominal size graded stone	cum	303.200	351.00	106423
26	5.2.1	Reinforced cement concrete work (with 20 mm nominal size graded stone aggregate) in walls (any thickness), including attached pilasters, buttresses, plinth and string M-20 Grade Concrete	cum	521.160	6231.00	3247348
27	4.2.1.4	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window	cum	14.500	4134.00	59943
28	5.3.1	Reinforced cement concrete work (with 20 mm nominal size graded stone aggregate) in beams, suspended floors, roofs having slope of any degree landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral	cum	1344.680	6541.00	8795552
29	5.31	Extra for R.C.C. work above floor two level for each floors or part thereof. (except items 5.26 and 5.29)	cum	175.420	65.41	11474
30	5.31	Extra for R.C.C. work above floor two level for each floors or part thereof. (except items 5.26 and 5.29)	cum	13.980	130.82	1829
31	5.31	Extra for R.C.C. work above floor two level for each floors or part thereof. (except items 5.26 and 5.29)	cum	52.240	62.31	3255
32	5.31	Extra for R.C.C. work above floor two level for each floors or part thereof. (except items 5.26 and 5.29)	cum	15.040	124.62	1874
33	5.31	Extra for R.C.C. work above floor two level for each floors or part thereof. (except items 5.26 and 5.29)	cum	18.460	186.93	3451

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34	5.31	Extra for R.C.C. work above floor two level for each floors or part thereof. (except items 5.26 and 5.29)	cum	9.080	196.23	1782
35	5.17	Add extra for providing reinforcement above Floor two level for every additional floor or part thereof.	Kg	31516.100	0.20	6303
36	5.17	Add extra for providing reinforcement above Floor two level for every additional floor or part thereof.	Kg	4062.800	0.40	1625
37	5.17	Add extra for providing reinforcement above Floor two level for every additional floor or part thereof.	Kg	602.600	0.60	362
38	5.9.3	Centering and shuttering in cluding strutting, propping etc. and removal of form for: Centering and shuttering in cluding strutting, propping etc. and removal of form for:Suspended floors, roofs, landings, balconies	sqm	4592.990	439.60	2019078
39	5.9.5	Centering and shuttering in cluding strutting, propping etc. and removal of form for:Lintels, beams, girders, bressumers and cantilevers	sqm	4841.820	356.00	1723688
40	5.9.6	Centering and shuttering in cluding strutting, propping etc. and removal of form for: Centering and shuttering in cluding strutting, propping etc. and removal of form for:Suspended floors, roofs, landings, balconies	sqm	3282.010	471.20	1546483
41	5.9.14	Centering and shuttering in cluding strutting, propping etc. and removal of form for: Centering and shuttering in cluding strutting, propping etc. Vertical and horizontal fins individually or forming Box louvers band, facias and eaves boards	sqm	163.200	643.40	105003
42	5.9.15	Centering and shuttering in cluding strutting, propping etc. and removal of form for: Centering and shuttering in cluding strutting, propping etc. Extra for shuttering in circular work or any other geometrical shape (20% of respective centering and shuttering	sqm	33.030	94.24	3113
43	5.9.16	Centering and shuttering in cluding strutting, propping etc. and removal of form for: Centering and shuttering in cluding strutting, propping etc. Small lintels not exceeding 1.5m span, mouldingas incornices, window, sills, courses, bands, copings, bed	sqm	18.000	191.00	3438
44	5.9.17	Centering and shuttering in cluding strutting, propping etc. and removal of form for: Centering and shuttering in cluding strutting, propping etc. Cornices and mouldings	sqm	313.410	565.00	177077
45	5.9.18	Centering and shuttering in cluding strutting, propping etc. and removal of form for: Centering and shuttering in cluding strutting, propping etc. Small surfaces such as cantilever ends, brackets and ends of steps, caps and bases to pilasters and columns and the like.	sqm	11.000	529.00	5819
46	5.9.19	Centering and shuttering in cluding strutting, propping etc. and removal of form for: Centering and shuttering in cluding strutting, propping etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform. Weather s h a d e , C h a j j	sqm	534.120	534.20	285327
47	5.9.7	Centering and shuttering in cluding strutting, propping etc. and removal of form for: Centering and shuttering in cluding strutting, propping etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform. Stairs, (excluding landings)	sqm	289.260	435.70	126031
48	6.26.1	Providing and laying Autoclaved Aerated Concrete (AAC) blocks masonry, using AAC blocks (Size length 300, 400, 500, 600 mm Height 200, 250, 300 mm Width 100, 150, 200, 250 mm) conforming to IS 2185 PART 3, having compressive	cum	1521.080	5500.00	8365940
49	6.27	Extra for AAC masonry work in superstructure above floor two level for each additional floor or part thereof	cum	952.930	127.00	121022
50	6.27	Extra for AAC masonry work in superstructure above floor two level for each additional floor or part thereof	cum	295.010	110.00	32451

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51	6.27	Extra for AAC masonry work in superstructure above floor two level for each additional floor or part thereof	cum	62.710	165.00	10347
52	6.15.3.2	Half brick masonry with fly ash lime Gypsum bricks (FALG bricks) conforming to IS: 12894, in super structure above plinth and upto floor two level.	Sqm	157.730	459.00	72398
53	10.13.1	Providing and laying Autoclaved Aeroted concrete (AAC)	Kg	2191.420	116.20	254643
54	10.14.1	Steel work in built up M.S. tubular section (round, square or rectangular hollow tubes etc.) trusses/frame work etc. including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and	Kg	2873.040	117.00	336146
55	10.14.2	Steel work in built up M.S. tubular section (round, square or rectangular hollow tubes etc.) trusses/frame work etc. including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and	KG	3420.000	122.00	417240
56	9.134.2	Providing and Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt / suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS :	sqm	201.600	691.00	139306
57	10.6.1	Supplying and fixing rolling shutters of approved make, made of required size 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	sqm	15.360	2200.00	33792
58	10.8	Extra for providing grilled rolling shutters manufactured out of 8 mm dia. M.S. bar instead of laths as per design approved by Engineer-in-Charge. (Area of grill to be measured).	SQM	3.840	308.00	1183
59	10.9	Providing and fixing ball bearing for rolling shutters.	each	2.000	366.00	732
60	9.169.1	Providing and fixing factory made single extruded WPC(Wood Polymer Composite) solid door/window/ceosetory windows and other frames/chowkhat comprising of virgin polymer of K value	RM	5.200	459.00	2387
61	9.169.2	Providing and fixing factory made single extruded WPC(Wood Polymer Composite) solid door/window/ceosetory windows and other frames/chowkhat comprising of virgin polymer of K value	RM	310.700	720.00	223704
62	9.203.2	Providing and fixing ISI marked factory made flush door shutters conforming to IS: 2202(Part-I) non decorative type, core of block board construction with kiln seasoned and chemically treated 2nd class hard wood	sqm	128.640	3171.00	407917
63	9.195.1	Providing and fixing factory made UPVC white colour fixed glazed windows/ ventilators comprising of UPVC multi- chambered frame and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll	sqm	8.640	4860.00	41990
64	9.197.3	Providing and fixing factory made UPVC white colour sliding glazed window upto 1.50 m in height dimension comprising of UPVC multi-chambered frame with in- built roller track and sash extruded profiles duly	sqm	30.600	5134.00	157100
65	9.197.4	Providing and fixing factory made UPVC white colour sliding glazed window upto 1.50 m in height dimension comprising of UPVC multi-chambered frame with in- built roller track and sash extruded profiles duly	sqm	183.540	6371.00	1169333
66	9.203.3	Providing and fixing ISI marked factory made flush door shutters conforming to IS: 2202(Part-I) non decorative type, core of block board construction with kiln seasoned and chemically treated 2nd class hard wood	sqm	67.200	3005.00	201936
67	9.203.1	Providing and fixing ISI marked factory made flush door shutters conforming to IS: 2202(Part-I) non decorative type, core of block board construction with kiln seasoned and chemically treated 2nd class hard wood	sqm	295.040	3339.00	985139

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68	13.37.2	Providing and fixing writing board green writing with chalk (regular modified polyster coated steel surface). of sizes. size 1200mmx2400mm	each	8.000	9730.00	77840
69	9.170.1	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid plain flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood	sqm	83.370	2250.00	187583
70	9.170.3	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid plain flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood	sqm	24.360	3693.00	89961
71	9.21	Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).	sqm	352.860	401.00	141497
72	9.24	SOR Item No Page No. 213 Extra for cutting rebate in flush door shutters (Total area of the shutter to be measured).	sqm	128.640	93.00	11964
73	10.26.2	SOR Item No Page No. 182 Providing and fixing fly proof wire gauze to windows, clerestory windows and doors with M.S. Flat 15x3mm and nuts and bolts complete.Stainless steel (grade 304) wire gauze of 0.5 mm dia wire and 1.4 mm	sqm	119.930	1334.00	159987
74	10.27.1	Providing and fixing glass panes/ steel sheet/ fibre sheet with putty and glazing clips in steel doors, windows, clerestory windows all complete. With 4.0 mm thick glass panes	sqm	2.790	792.00	2210
75	9.41.2	Providing and fixing of 1.25 mm thick chromium plated brass plate, with two chromium plated curtain rods brass brackets fixed with C.P. brass screws and wooden plugs, etc., wherever necessary complete:20 mm dia.	RM	33.600	377.00	12667
76	9.43.1	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to steel windows by welding. Total	Kg	4663.050	119.00	554903
77	9.43.2	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. 9.43.2 Fixed to openings	Kg	4305.750	128.00	551136
78	10.12.2.1	SOR Item N0 Page No. Providing and fixing pressed steel door frames made of 1.6 mm thick steel profile conforming to IS: 4351 manufactured from commercial mild steel sheet including hinges, jamb, lock jamb, bead and if required	Rm	173.800	431.00	74908
79	21.1.1.2	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285,	Kg	1611.900	416.00	670550
80	21.1.2.2	For shutters of doors, windows and ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber I neoprene gasket required (Fittings shall be paid for separately). Powder coated	Kg	1542.660	484.00	746647
81	9.46.2	Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory wind ows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia. 0.63 mm all complete.With 12 mm mild steel U beading.	sqm	68.520	681.00	46662
82	21.3.1	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber/ neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge.	sqm	417.700	774.00	323300
83	21.4.1	Add extra for providing and fixing froasted glass instead of float glass With glass panes of 4.0 mm thickness (weight not less than 10 kg/sqm)	sqm	205.490	259.00	53222
84	21.9	Filling the gap in between aluminium frame and adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer- in- charge	RM	1723.360	53.00	91338

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85	21.15.2	Providing and fixing aluminium casement windows fastener of required length for aluminium windows with necessary screws etc. complete. Powder coated minimum thickness 50 micron	each	184.000	57.00	10488
86	21.19	Providing and fixing 50 micron thick reflective one way type heat /light control film to window/door glazing with complete accessories as per direction of Engineer-in- charge of approved brand and make.	each	99.300	448.00	44486
87	10.17	Providing and fixing circular/ Hexagonal cast iron or M.S. sheet box for ceiling fan clamp of internal dia 140mm, 73mm height, top lid of 1.5mm thick M.S. sheet with its top surface hacked for proper bonding, top lid shall be screwed into the	each	418.000	148.00	61864
88	13.8	6 mm cement plaster of mix : 1:3 (1 cement : 3 sand)	sqm	7284.580	144.00	1048980
89	13.10	NEAT CEMENT PUNNING	sqm	853.710	30.00	25611
90	13.1.2	12 mm cement plaster of mix : 13.1.2 1:6 1:6 (1 cement : 6 sand)	sqm	515.120	160.00	82419
91	13.2.1	SOR Item No Page No. 419 15 mm cement plaster of mix : 1:6 (1 cement : 6 sand)	sqm	674.040	168.00	113239
92	6.7.3.2	Brick work with fly ash lime bricks (FALG Bricks) conforming to IS:12894-2002, in super structure above plinth level up to floor two level in : Having 50 kg / cm2 average compressive strength.	cum	104.480	4936.00	515713
93	13.82.1	Providing and plastering over AAC masonry wall with polymer modified cement based readymix factory controlled mortar with self curing, eco- friendly, wet premix in a mechanical mixer in thickness as specified below, and covering	sqm	13269.340	146.00	1937324
94	13.82.2	Providing and plastering over AAC masonry wall with polymer modified cement based readymix factory controlled mortar with self curing, eco- friendly, wet premix in a mechanical mixer in thickness as specified below, and covering	sqm	4130.290	180.00	743452
95	12.26	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 sand : 4 stone aggregate 10mm and down grade) including finishing with cement mortar 1:3 (1 cement : 3 sand) as per standard design : In 75x75mm deep chase	Rm	1288.000	99.00	127512
96	13.4.2	12 mm cement plaster finished with a floating coat of neat cement of mix : 1:4 (1 cement : 4 sand)	sqm	742.920	203.00	150813
97	5.21	Providing and filling gap in expansion joint between RCC/ Stone/Ceramic tiles/Granite/ Marble by providing silicon sealant over backer rod of approved quality weather sealant as per drawing and direction of engineer in charge up to 25mm width & 12 mm	sqm	600.000	104.54	62724
98	5.23.3.2	Providing and fixing sheet covering over expansion joints with iron screws as per design. Stainless steel Grade 304 plate-1.0 mm thick 5. 23.3.2 200 mm 200 mm wide.	Sqm	300.000	443.00	132900
99	5.24	Providing for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections.	Rm	5303.900	18.50	98122
100	11.64.2	Providing and fixing stone slab table rubbed on both faces edges rounded and polished of size as required and 1.8 cm thick fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with	Rm	4.800	3422.00	16426
101	11.66	Providing and laying factory made machine pressed precast cement concrete interlocking paver block of any shape and size conforming to IS:15658- 2006 and ISI marked of 60 mm thickness, M-30 grade with grey cement and pigment all as	sqm	300.800	642.00	193114

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102	11.51	SOR Item No Page No. 341 Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (having thickness 9 to 10mm) of 1st quality conforming to IS : 15622 of approved make in all colours white, ivory, grey, fume	sqm	28.230	644.00	18180
103	11.53	Providing and laying Antiskid floor tiles of any sizes, 12 mm thickness with water absorption less than 0.08% and conforming to IS:15622 of approved make in all colours and shades, laid on	sqm	446.760	880.00	393149
104	11.57	Providing and laying tactile tile (for vision impaired persons as per standards) of size 300x300x9.8mm having water absorption less than 0.05% and conforming to IS: 15622 of approved make in all colours and shades for outdoor	sqm	73.360	1307.00	95882
105	11.52	Providing and laying rectified Glazed Ceramic wall tiles 300x450 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours white, ivory, grey, fume red brown laid on	sqm	839.790	698.00	586173
106	11.36	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4	sqm	2241.890	1174.00	2631979
107	11.38.2	Kota stone slabs in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and	sqm	223.560	1177.00	263130
108	11.78.1.1	Providing and laying vitrified floor tiles Multi/Double charged (Minimum top layer thickness 2.0mm) Neno Polished self design, in different size with water absorption less than 0.05% and conforming to IS:15622 of approved make in all	sqm	227.590	1104.00	251259
109	11.79.1.1	Providing and laying vitrified floor tiles Multi/Double charged (Minimum top layer thickness 2.0mm) Neno Polished self design, in different size with water absorption less than 0.05% and conforming to IS:15622 of approved make in all	sqm	22.760	1093.00	24877
110	11.80.1.3	Providing and laying vitrified floor-tiles Full Body Design Homogenous Body matt/rustic finish in different size with water absorption less than 0.05% and conforming to IS:15622 of approved make in all colours & shades, 1st quality/ premium quality	sqm	1142.640	1349.00	1541421
111	11.81.1.2	Providing and laying vitrified floor-tiles Full Body Design Homogenous Body matt/rustic finish in different size with water absorption less than 0.05% and conforming to IS:15622 of approved make in all colours &	sqm	90.830	1196.00	108633
112	11.30.1.1	Providing and laying gang saw cut 18 mm thick, mirror polished premoulded (wherever required) and pre polished machine cut granite stonework in flooring of required size shape of approved shade, color and texture in flooring laid over 20 mm	sqm	97.100	2642.00	256538
113	11.29.1.1	Granite work gang saw cut (polished and machine cut) of thickness 18mm for wall lining (vener work), backing filled with a grout of average 12 mm thick in cement mortar 1:3 (1 cement: 3 sand) including pointing with white cement mortar 1:2 (1 white	sqm	38.880	2919.00	113491
114	11.29.1.2	Granite work gang saw cut (polished and machine cut) of thickness 18mm for wall lining (vener work), backing filled with a grout of average 12 mm thick in cement mortar 1:3 (1 cement: 3 sand) including pointing with white cement mortar 1:2 (1 white	sqm	20.280	2675.00	54249
115	11.48	Extra for Kota stone/ sand stone in treads of steps and risers using single length upto 1.05 metre.	sqm	46.350	10.00	464
116	11.47	Extra for pre finished nosing in treads of steps of Kota stone/ sand stone slab.	sqm	72.000	139.00	10008
117	11.40.1	Providing edge moulding to 18mm thick marble stone counters, Vanities, window sills etc. including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge. Granite work.	meter	474.400	164.00	77802
118	11.42	Extra for providing opening of required size and shape for wash basins/ kitchen sink in kitchen platform, vanity counters and similar location in marble/Granite/stone work including necessary holes for pillar taps etc. including	each	17.000	232.00	3944

S.NO.	SOR ITEMS	DISCRPTION	UNIT	QTY	RATE	AMOUNT
119	11.82.1.1	Providing and laying digital print random design(PGVT)/(GVT) vitrified tiles in different sizes with water absorption less than 0.05% and conforming to IS:15622 of approved make in all colours& shades, 1st	sqm	81.900	1140.00	93366
120	11.83.1.2	Providing and laying digital print random design(PGVT)/(GVT) vitrified tiles in different sizes with water absorption less than 0.05% and conforming to IS:15622 of approved make in all colours& shades, 1st	sqm	177.880	1129.00	200827
121	13.41	Providing and applying white cement based putty of average thickness 1 mm, of approved brand over the plastered wall surface to prepare the surface even and smooth i/c all cost of material, labour and scaffold etc in all position complete.	sqm	12052.320	74.00	891872
122	13.50	Finishing walls by any mechanical or manual means with water proofing cement paint of required shade: New work (Two or more coats applied @ 3.84 kg/10 sqm).	sqm	2069.340	48.00	99328
123	13.54.1	Finishing walls by any mechanical or manual means with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturersTwo or more coats applied on walls @	sqm	14.640	69.00	1010
124	13.54.3	Finishing walls by any mechanical or manual means with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturersTwo or more coats applied on walls @	sqm	7807.120	81.00	632377
125	13.48.2	Wall painting by any mechanical or manual means with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50Two coats	sqm	11195.670	56.00	626958
126	13.47.2	Distemping by any mechanical or manual means with 1st quality acrylic distemper, having VOC (Volatile Organic Compound) content lessTwo coats.	sqm	598.800	32.00	19162
127	13.67.2	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content.With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre.	sqm	458.790	24.00	11011
128	13.67.3	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content.With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre.	sqm	4933.810	24.00	118411
129	13.53	Finishing walls by any mechanical or manual means with Premium Acrylic Smooth exterior paint (Premium exterior) of required shade including all scaffolding. New work (Two or more coat applied @1.67ltr/10sqm over and including one coat undiluted exterior	sqm	3360.670	130.00	436887
130	13.64	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: Two or more coats on new work.	sqm	1893.200	53.00	100340
131	10.15	Design, supply, fabrication, taransportion and erection of structural steel/mild steel built-up sections for steel building in column, rafter, truss, floor joist, wind bracings, tie beam, foundation bolts, fasteners etc. Including two coats of Epoxy paint and one coat of primer. These	Kg	3420.000	132.00	451440
132	10.25	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc. including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete	sqm	590.500	582.00	343671
133	9.71.2	Providing and fixing stainless steel casement stays (straight peg type) conforming to IS specification with necessary screws etc. complete.250 mm weighing not less than 150 gms.	each	142.000	61.00	8662
134	9.73.1	Providing and fixing IS : 12817 marked stainless steel butt hinges with stainless steel screws etc. complete :125x64x1.90 mm	each	678.000	67.00	45426
135	9.73.2	Providing and fixing IS : 12817 marked stainless steel butt hinges with stainless steel screws etc. complete :100X58X1.90 mm	each	300.000	59.00	17700

S.NO.	SOR ITEMS	DISCRPTION	UNIT	QTY	RATE	AMOUNT
136	9.76	Providing and fixing Stainless steel hanging type floor door stopper with necessary screws, etc. complete.	each	166.000	103.00	17098
137	9.65.1	Providing and fixing ISI marked stainless steel sliding door bolts with nuts and screws etc. complete:300x16 mm	each		389.00	0
138	9.65.2	Providing and fixing ISI marked stainless steel sliding door bolts with nuts and screws etc. complete:250x16 mm	each	111.000	326.00	36186
139	9.68.2	Providing and fixing ISI marked stainless steel door latches with screws etc. complete : 9.68.2 250mm 250x20x6 mm	each	53.000	173.00	9169
140	9.69.1	Providing and fixing ISI marked stainless steel handles with necessary screws etc. complete :125 mm	each	420.000	60.00	25200
141	9.69.2	Providing and fixing ISI marked stainless steel handles with necessary screws etc. complete : 100 mm	each	96.000	54.00	5184
142	9.66.1	Providing and fixing ISI marked stainless steel tower bolt black finish, (Barrel type) with necessary screws etc. complete : 250x10 mm	each	121.000	148.00	17908
143	9.66.2	Providing and fixing ISI marked stainless steel tower bolt black finish, (Barrel type) with necessary screws etc. complete :200x10 mm	each	46.000	93.00	4278
144	9.66.3	Providing and fixing ISI marked stainless steel tower bolt black finish, (Barrel type) with necessary screws etc. complete :150x10 mm	each	48.000	71.00	3408
145	9.95	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm	each	48.000	1186.00	56928
146	9.87.2	Providing and fixing special quality bright finished brass cupboard or wardrobe locks with four levers including necessary screws etc. complete (best make of approved quality) : 50 MM	each	32.000	150.00	4800
147	9.129.1	Providing and fixing magnetic catcher in cupboard / wardrobe shutters including fixing with necessary screws etc. complete (Best make of approved quality). Triple strip vertical type.	each	64.000	28.00	1792
148	10.23.1	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying a priming coat of approved steel primer M.S. tube.	Kg	759.650	117.00	88879
149	10.22.2	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder,	Kg	15227.140	105.00	1598850
150	10.2	Structural steel work using M.S. flats, angles, channels I-section, H-section etc. riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying	Kg	432.000	103.00	44496
151	22.3	Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C., kitchen and the like consisting of :	sqm	232.500	440.00	102300
152	22.6	Providing and laying water proofing treatment on roofs of slabs by applying cement slurry mixed with water proofing cement compound consisting of applying : a) After surface preparation, first layer of slurry of cement @ 0.488	sqm	814.000	338.00	275132

S.NO.	SOR ITEMS	DISCRPTION	UNIT	QTY	RATE	AMOUNT
153	4.26	Providing and laying cement concrete in Sunken floors of WC, Toilets, Wash Areas etc with 1;5:10 (1 cement : 5 coarse sand (zone-III) : 10 graded stone aggregate 40 mm nominal size). , excluding the cost of centering and shuttering.	sqm	21.670	3141.00	68065
154	22.33.1	Providing and applying integral crystalline slurry of hydrophilic in nature for waterproofing treatment to the RCC structures like retaining walls of the basement, water tanks, roof slabs, podiums,	sqm	118.840	412.00	48962
155	22.33.2	Providing and applying integral crystalline slurry of hydrophilic in nature for waterproofing treatment to the RCC structures like retaining walls of the basement, water tanks, roof slabs, podiums,	sqm	1309.000	319.00	417571
156	27.7	Providing and fixing Aluminum composite panels Silver colour with matte finish, 3mm thick, (0.25mm 2.5mm and 0.25mm) sheet for name plate including writing with computerized vinayle sheet letters of required	sqm	2.610	6180.00	16130
157	9.1.2	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia and length (hold fast lugs or dash	cum	1.000	71309.00	71309
158	11.62.3	Providing and fixing expansion hold fasteners of wedge expansion type on C.C. / R.C.C./ Brick masonry surface backing including drilling necessary holes and the cost of bolt etc complete. Fastener with threaded dia 12 mm.	each	128.000	46.00	5888
159	22.14.1	Grading roof for receiving water proofing treatment withCement concrete 1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 20 mm nominal size)	cum	151.337	6569.00	994133
160	10.2	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2mm and braced with flat iron diagonals 20x5mm size with top and bottom rail of T-iron 40x40x6mm with 40mm dia steel pulleys	sqm	15.360	4132.00	63468
161	13.27.1	Providing and fixing mesh in vertical and horizontal junction of RCC and brick/AAC work including scaffolding and all lead and lift etc. complete G.I. chicken mesh as per ISI	sqm	962.160	62.00	59654
162	13.27.2	Providing and fixing mesh in vertical and horizontal junction of RCC and brick/AAC work including scaffolding and all lead and lift etc. complete 13.27.2 Fibre mesh in Plaster Providing and fixing fibre mesh of 145	sqm	615.720	45.00	27707
163	11.22.1	Providing and fixing 18mm thick gang saw cut mirror polished (premoulded and prepolished) machine cut for kitchen platforms, vanity counters, window sills , facias and similar locations of required size of approved shade, colour and	sqm	74.140	1797.00	133230
164	11.22.2	Providing and fixing 18mm thick gang saw cut mirror polished (premoulded and prepolished) machine cut for kitchen platforms, vanity counters, window sills , facias and similar locations of required size of approved shade, colour and	sqm	116.940	2356.00	275511
165	11.22.3	Providing and fixing 18mm thick gang saw cut mirror polished (premoulded and prepolished) machine cut for kitchen platforms, vanity counters, window sills , facias and similar locations of required size of approved shade, colour and	sqm	101.140	2113.00	213709
166	11.22.5	Providing and fixing 18mm thick gang saw cut mirror polished (premoulded and prepolished) machine cut for kitchen platforms, vanity counters, window sills , facias and similar locations of required size of approved shade, colour and	sqm	64.200	1279.00	82112
167	13.51	Finishing walls by only mechanical or manual means with textured exterior paint of required shade: New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer	sqm	656.160	132.00	86613
168	9.105.1	Providing and fixing chromium plated brass handles with necessary screws etc. complete: 125 mm	sqm	64.000	241.00	15424
169	21.20	Providing and fixing 50 micron thick Frosted heat /light control film to window/door glazing with complete accessories as per direction of Engineer-in-charge of approved	sqm	52.030	518.00	26952

S.NO.	SOR ITEMS	DISCRIPTION	UNIT	QTY	RATE	AMOUNT
170	17.1.1	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100mm sand cast Iron P or S trap, UPVC P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually	each	23.000	2995.00	68885
171	17.2.1	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle	each	16.000	3036.00	48576
172	17.6.1	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I	each	4.000	2754.00	11016
173	17.11.2	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls	each	9.000	2,187.00	19683
174	17.14.1.1	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40 mm including painting of fittings and brackets, cutting and making good the	each	14.000	8074.00	113036
175	17.14.2.1	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40 mm including painting of fittings and brackets, cutting and making good the	each	2.000	4583.00	9166
176	17.27	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350mm.	each	2.000	2243.00	4486
177	17.29.1	Providing and fixing white vitreous china wash basin including making all connections but excluding the cost of fittings : Flat back wash basin of size 630x450mm.	each	28.000	1379.00	38612
178	17.32.1.2	Providing and fixing soil, waste and vent pipes: Sand cast iron socket and spigot (S&S) pipe as per IS: 1729 100 mm dia with wall thickness of 5 mm	meter	294.200	970.00	285374
179	17.32.2.1	Providing and fixing soil, waste and vent pipes: Spun cast iron socket and spigot (S&S) pipe as per IS: 3989 75 mm dia with wall thickness of 3.5 mm	meter	220.000	840.00	184800
180	17.32.2.2	Providing and fixing soil, waste and vent pipes: Spun cast iron socket and spigot (S&S) pipe as per IS: 3989 100 mm dia with wall thickness of 4 mm	meter	250.000	1020.00	255000
181	17.34.1	Providing and fixing M.S. holder-bat clamps of approved design to Sand Cast iron/cast iron (spun) pipe embedded in and including cement concrete blocks 10x10x10cm of Cement Concrete 1:2:4 mix (1 cement	each	110.000	37.00	4070
182	17.34.2	Providing and fixing M.S. holder-bat clamps of approved design to Sand Cast iron/cast iron (spun) pipe embedded in and including cement concrete blocks 10x10x10cm of Cement Concrete 1:2:4 mix (1 cement	each	208.000	66.00	13728
183	17.35.2.1	Providing and fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete. 100 mm dia Sand cast iron as per IS – 1729 minimum wall thickness	each	44.000	400.00	17600
184	17.35.2.2	Providing and fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete 100 mm dia Spun cast iron as per IS – 3989 minimum	each	63.000	408.00	25704
185	17.35.3.2	75 mm dia Spun cast iron as per IS – 3989 minimum wall thickness 3.5 mm	each	55.000	341.00	18755
186	17.36.2.1	Providing and fixing plain bend of required degree. 100 mm dia Sand cast iron as per IS – 1729 minimum wall thickness 6.5mm	each	28.000	381.00	10668

S.NO.	SOR ITEMS	DISCRIPTION	UNIT	QTY	RATE	AMOUNT
187	17.36.1.2	17.36 end (Plain) Providing and fixing plain bend of required degree. 17.36.1.2 Spun cast Spun cast iron as per IS – 3989 minimum wall thickness 5 mm	each	21.000	825.00	17325
188	17.36.3.2	75 mm dia Spun cast iron as per IS – 3989 minimum wall thickness 3.5 mm	each	18.000	259.00	4662
189	17.37.1.1	Providing and fixing heel rest sanitary bend 100 mm dia Sand cast iron as per IS - 1729	each	29.000	329.00	9541
190	17.37.1.2	Providing and fixing heel rest sanitary bend 100 mm dia Sand cast iron as per IS - 1729 Spun cast iron as per IS - 3989	each	13.000	387.00	5031
191	17.37.2.2	75 mm dia Spun cast iron as per IS - 3989	each	10.000	329.00	3290
192	17.38.2.1	Providing and fixing double equal junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete : 100x100x100x100mm Sand cast iron as per IS - 1729	each	28.000	744.00	20832
193	17.39.2.1	Providing and fixing double equal plain junction of required degree. 100x100x100x100mm Sand cast iron as per IS – 1729	each	24.000	666.00	15984
194	17.39.2.2	Providing and fixing double equal plain junction of required degree. 100x100x100x100mm Spun cast iron as per IS – 3989	each	6.500	782.00	5083
195	17.39.3.3	Providing and fixing double equal plain junction of required degree. 75x75x75x75 mm Spun cast iron as per IS – 3989	each	6.500	573.00	3725
196	17.41.2.1	Providing and fixing single equal junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete 100x100x100 mm Sand cast iron as per IS – 1729	each	44.000	504.00	22176
197	17.41.2.2	Providing and fixing single equal junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete 100x100x100 mm Sand cast iron as per IS – 1729 Sand cast iron as per IS – 1729	each	19.250	607.00	11685
198	17.41.3.2	Providing and fixing single equal junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete 75x75x75x75 mm Sand cast iron as per IS – 1729 Sand cast iron as per IS – 1729	each	6.500	428.00	2782
199	17.43.2	Providing and fixing double unequal plain junction of required degree: 100x100x75x75 mm Spun cast iron as per IS – 3989	each	6.500	1014.00	6591
200	17.45.2	Providing and fixing single unequal plain junction of required degree : 100x100x75 mm Spun cast iron as per IS – 3989	each	6.500	724.00	4706
201	17.52.1.1	Providing and fixing door piece, insertion rubber washer 3mm thick, bolts and nuts complete : 100 mm Sand cast iron as per IS - 1729	each	44.000	541.00	23804
202	17.52.1.2	Providing and fixing door piece, insertion rubber washer 3mm thick, bolts and nuts complete : 100 mm Sand cast iron as per IS - 1729 Sand cast iron as per IS - 1729	each	6.500	547.00	3556
203	17.53.2.1	100 mm Sand cast iron as per IS - 1729	each	40.000	259.00	10360

S.NO.	SOR ITEMS	DISCRPTION	UNIT	QTY	RATE	AMOUNT
204	17.53.2.2	100 mm Sand cast iron as per IS - 1729 Sand cast iron as per IS - 1729	each	3.250	300.00	975
205	17.53.3.2	75 mm Spun cast iron as per IS - 3989	each	3.250	210.00	683
206	17.54.1.2	Providing and fixing collar: 100 mm Sand cast iron S & S as per IS - 3989	each	13.000	317.00	4121
207	17.57.1.2	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors : 100 mm inlet and 100 mm outlet Sand	each	61.000	610.00	37210
208	17.57.2.2.	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors : 100 mm inlet and 75 mm outlet Sand Cast	each	18.000	540.00	9720
209	17.64.2.1	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Flexible pipe (only in residential & complexes) 32 mm dia	each	36.000	87.00	3132
210	17.64.2.2	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Flexible pipe (only in residential & complexes) 32 mm dia 40 mm dia	each	13.000	98.00	1274
211	17.65	Providing and fixing 100 mm sand cast Iron grating for gully trap.	each	6.500	43.00	280
212	17.66	Providing and fixing in position 25mm diameter mosquito proof coupling of approved municipal design.	each	6.500	44.00	286
213	17.68.2	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shape with 6 mm thick hard board backing Rectangular shape 453x357mm	each	36.000	642.00	23112
214	17.69	Providing and fixing glass shelf with edges round of supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete.	each	28.000	474.00	13272
215	17.70.1	Providing and fixing toilet paper holder: C.P. brass	each	12.000	340.00	4080
216	17.71.1	Providing and fixing CP brass waste coupling of approved quality and make for sink and wash basin. Waste coupling 31mm of 79mm length and 62mm breadth	each	28.000	330.00	9240
217	17.71.2	Providing and fixing CP brass waste coupling of approved quality and make for sink and wash basin. Waste coupling 31mm of 79mm length and 62mm breadthWaste coupling 38mm of 83mm length and 77mm breadth	each	24.000	348.00	8352
218	17.72	Providing and fixing CP brass bottle trap of approved quality and make for sink and wash basin.	each	44.000	853.00	37532
219	17.73.1	Providing and fixing CP brass towel rail of approved quality and make 600x20mm	each	39.000	952.00	37128
220	17.73.2	Providing and fixing CP brass towel rail of approved quality and make 450X20MM	each	3.000	836.00	2508

S.NO.	SOR ITEMS	DISCRPTION	UNIT	QTY	RATE	AMOUNT
221	17.74	Providing and fixing CP brass towel ring of approved quality and make 200mm dia ring	each	39.000	679.00	26481
222	17.75	Providing and fixing CP brass soap dish of approved quality and make	each	42.000	422.00	17724
223	17.76	Providing and fixing CP brass Urinal spreader of approved quality and make	each	6.000	304.00	1824
224	17.77	Providing and fixing C.P. brass soap container 109 mm wide, 125 high and 112 mm distance from wall of standard shape with bracket of the same material with all fittings etc. of approved quality and	each	42.000	1175.00	49350
225	17.78.1	Providing and fixing C.P. brass grating of approved quality and make conforming to IS: specification. 100 mm dia.	each	84.000	74.00	6216
226	17.81	Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour.	each	6.000	217.00	1302
227	17.83.1	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour. 450mm long towel rail with total length of	each	6.000	412.00	2472
228	17.84	Providing and fixing PTMT shelf 440 mm long, 124 mm width and 36 mm height of approved quality and colour. Weighing not less than 300 gms.	each	6.000	511.00	3066
229	17.91.1	Painting sand cast iron/ centrifugally cast (spun) iron soil, waste vent pipes and fittings with two coats of synthetic enamel paint of any colour such as chocolate grey, or buff etc. over a coat of primer (of approved quality) for	meter	220.000	22.00	4840
230	17.91.2	Painting sand cast iron/ centrifugally cast (spun) iron soil, waste vent pipes and fittings with two coats of synthetic enamel paint of any colour such as chocolate grey, or buff etc. over a coat of primer (of approved quality) for	meter	250.000	29.00	7250
231	18.6.2.1	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings i/c fixing the pipe with	meter	319.500	207.00	66137
232	18.6.2.2	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings i/c fixing the pipe with	meter	631.000	234.00	147654
233	18.6.2.3	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings i/c fixing the pipe with	meter	316.000	288.00	91008
234	18.6.2.4	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings i/c fixing the pipe with	meter	143.000	360.00	51480
235	18.7.3	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings. This included jointing of pipes and fittings with one	meter	110.000	185.00	20350
236	18.7.4	32 mm nominal outer dia .Pipes.	meter	80.000	238.00	19040
237	18.7.5	40 mm nominal outer dia .Pipes.	meter	60.000	324.00	19440

S.NO.	SOR ITEMS	DISCRPTION	UNIT	QTY	RATE	AMOUNT
238	18.7.6	50 mm nominal outer dia .Pipes.	meter	330.000	498.00	164340
239	18.7.7	62.50 mm nominal inner dia Pipes.	meter	20.000	1,429.00	28580
240	18.7.8	75 mm nominal inner dia .Pipes.	meter	20.000	2,018.00	40360
241	18.12.2.1	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : With brass lever handle of approved quality. 25 mm nominal bore	each	5.000	341.00	1705
242	18.12.2.2	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : With brass lever handle of approved quality. 32 mm nominal bore	each	5.000	419.00	2095
243	18.12.2.3	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : With brass lever handle of approved quality. 40 mm nominal bore	each	5.000	491.00	2455
244	18.12.2.4	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : With brass lever handle of approved quality. 50 mm nominal bore	each	5.000	639.00	3195
245	18.14.1	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 15 mm nominal bore	each	5.000	316.00	1580
246	18.14.2	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 20 mm nominal bore	each	5.000	431.00	2155
247	18.14.3	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 25 mm nominal bore	each	5.000	499.00	2495
248	18.8.3.6	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc. External work : including trenching and refilling etc. 50 mm dia. nominal bore	meter	150.000	492.00	73800
249	18.8.3.7	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc. External work : including trenching and refilling etc. 50 mm dia. nominal bore 65 mm dia. nominal bore	meter	150.000	533.00	79950
250	18.12.1.4	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : With C.I. wheel of approved quality (screwed end) 25 mm nominal bore 50 mm nominal bore	each	9.000	976.00	8784
251	18.12.1.5	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : With C.I. wheel of approved quality (screwed end) 25 mm nominal bore 65 mm nominal bore	each	9.000	1339.00	12051
252	18.13.1	Providing and fixing CPVC gate valve with knob of approved quality. 25 mm nominal bore	each	27.000	428.00	11556
253	18.13.2	Providing and fixing CPVC gate valve with knob of approved quality. 32 mm nominal bore.	each	15.000	500.00	7500
254	18.13.4	Providing and fixing CPVC gate valve with knob of approved quality. 50 mm nominal bore	each	21.000	749.00	15729

S.NO.	SOR ITEMS	DISCRIPTION	UNIT	QTY	RATE	AMOUNT
255	18.22.6	Painting G.I. pipes and fittings with synthetic enamel white paint with two coats over a ready mixed priming coat, both of approved quality for new work : 50 mm diameter pipe.	meter	200.000	19.00	3800
256	18.25.6	Providing and filling sand all-round the G.I. pipes in external work. 50 mm diameter pipe	meter	200.000	120.00	24000
257	18.25.7	Providing and filling sand all-round the G.I. pipes in external work. 65 mm diameter pipe	meter	200.000	189.00	37800
258	18.28	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but	litre	21000.000	7.00	147000
259	18.29.1	Providing and fixing brass bib cock of approved quality 15 mm nominal bore	each	91.000	306.00	27846
260	18.30.1	Providing and fixing brass stop cock of approved quality : 15 mm nominal bore	each	27.000	318.00	8586
261	18.31	Providing and fixing C.P. brass bib cock of approved quality conforming to IS: 8931, 15 mm nominal bore.	each	38.000	840.00	31920
262	18.32	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gm, 15 mm nominal bore.	each	35.000	1258.00	44030
263	18.33	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gm, 15 mm nominal bore	each	34.000	1272.00	43248
264	18.34	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS: 8931. 15 mm nominal bore.	each	36.000	1155.00	41580
265	18.35	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:893115 mm nominal bore	each	37.000	714.00	26418
266	18.37	Providing and fixing C.P. brass pillar cock approved quality and make conforming to IS: specification. and weighing not less than 650gm, 15 mm nominal bore 125 mm long foam flow.	each	5.000	1188.00	5940
267	18.56	Cutting holes upto 30x30 cm in walls including making good the same : With common burnt clay bricks of 25 kg /sqemor flyash bricks of 50 kg/cm2compressive	each	275.000	154.00	42350
268	18.57	Cutting holes upto 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 20 mm	each	74.000	129.00	9546
269	18.61	Providing and fixing CP jet assembly to including connection etc complete.	each	14.000	375.00	5250
270	18.43.1	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet : 100 mm diameter	each	18.000	806.00	14508
271	18.43.2	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet : 150 mm diameter	each	32.000	922.00	29504

S.NO.	SOR ITEMS	DISCRPTION	UNIT	QTY	RATE	AMOUNT
272	26.27.3	Providing and fixing of carbon-di-oxide type fire extinguishers consisting of welded M.S. cylindrical body, squeeze lever discharge valve fitted with pressure indicating gauge internal discharge tube 30 cm long high pressure discharge	each	6.000	11351.00	68106
273	26.28.5	Providing and fixing of ABC Power type fire extinguishers consisting of welded M.S. cylindrical body, squeeze lever discharge valve fitted with pressure indicating gauge internal discharge tube 30 cm long high pressure discharge hose,	each	18.000	5493.00	98874
274	26.29.3		each	4.000	8348.00	33392
275	12.58.3	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as	sqm	584.640	1150.00	672336
276	12.32.1	Providing and fixing on wall face Rigid Unplasticised rigid PVC (upvc) Single socketed rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion. 75	meter	50.000	136.00	6800
277	12.32.2	Providing and fixing on wall face Rigid Unplasticised rigid PVC (upvc) Single socketed rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion. 75	meter	503.700	238.00	119881
278	12.33.1.1	Providing and fixing on wall face Unplasticised - UPVC moulded fittings/ accessories for Unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382	each	37.000	67.00	2479
279	12.33.1.2	Providing and fixing on wall face Unplasticised - UPVC moulded fittings/ accessories for Unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382	each	321.000	102.00	32742
280	12.33.3.1	Single tee with door 75x75x75 mm (minimum wall thickness 1.8mm)	each	2.000	106.00	212
281	12.33.3.2	Single tee with door 75x75x75 mm (minimum wall thickness 1.8mm) 110x110x110 mm (minimum wall thickness 2.2mm)	each	46.000	176.00	8096
282	12.33.5.1	Bend 87.5° 75 mm bend (minimum wall thickness 1.8mm)	each	2.000	78.00	156
283	12.33.5.2	Bend 87.5° 75 mm bend (minimum wall thickness 1.8mm) 110 mm bend (minimum wall thickness 2.2mm)	each	46.000	112.00	5152
284	12.36	Providing and fixing to the inlet mouth of rain water pipe PTMT (an Engineering Thermoplastic) grating square (Slit) 150 mm square with a height of 8 mm and weighing not less than 100 gms.	each	24.000	95.00	2280
285	17.58.2	Providing and fixing unplasticised Rigid PVC soil and waste pipes conforming to IS: 13592 Type B including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal	meter	300.000	238.00	71400
286	19.29.2	Constructing brick masonry road gully chamber 110x50x77.5cm with bricks in cement mortar 1:4 (1 cement : 4 sand) including 500x450 mm precast R.C.C. horizontal grating with frame and vertical grating complete	each	10.000	6,485.00	64850
287	16.11.1	Boring with 100 mm diameter casing pipe for hand pump/ tube well in all soils except ordinary hard rocks requiring blasting including lowering the casing pipe. Up to 6 metres depth.	meter	6.000	236.00	1416
288	16.11.2	Boring with 100 mm diameter casing pipe for hand pump/ tube well in all soils except ordinary hard rocks requiring blasting including lowering the casing pipe. Beyond 6 m and upto 12 m depth.	meter	4.000	280.00	1120

S.NO.	SOR ITEMS	DISCRIPTION	UNIT	QTY	RATE	AMOUNT
289	16.12	Providing and placing in position filters to 40 mm diameter G.I. pipe with brass strainer of approved quality. Filter of 32 mm dia	meter	1.000	545.00	545
290	16.13	Providing and fixing to filter and lowering to proper levels 40 mm G.I. pipe for tube well including cleaning and priming the tube well. Filter of 32 mm dia meter.	meter	10.000	386.00	3860
291	16.14	Providing and placing in position hand pump of India mark II of approved quality for 40 mm diameter G.I. pipe complete with all accessories.	each	1.000	841.00	841
292	16.15	Supplying, filling, spreading and leveling stone boulders of size range 5 cm to 20 cm, in recharge pit, in the required thickness, for all leads and lifts, all complete as per direction of Engineer-in-charge.	cum	0.500	760.00	380
293	16.16	Supplying, filling, spreading and leveling gravels of size range 5 mm to 10 mm, in the recharge pit, over the existing layer of boulders, in required thickness, for all leads and lifts, all complete as	cum	0.400	877.00	351
294	16.17	Supplying, filling, spreading and leveling coarse sand of size range 1.5 mm to 2 mm in recharge pit, in required thickness over gravel layer, for all leads and lifts, all complete as	cum	0.300	819.00	246
295	16.21.2	Rain water filter made out of ABS plastics material, designed to operate on gravity of rainwater from roof through down pipe, having inlet (id) of 110 mm, outlet (id) of 110 mm; provided with SS 304 wire mesh filter element having	each	2.000	7,750.00	15500
296	16.22.2	Borewell adaptor for connecting Rain Water Harvesting pipe line to borewell. Borewell adaptor 110mm	each	1.000	300.00	300
297	16.1.1.3	Boring/drilling bore well of required dia perfectly vertical to receive casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and	meter	100.000	451.00	45100
298	16.1.2.3	Rocky strata including Boulders. Upto 90 metre depth. 200 mm dia.	meter	80.000	690.00	55200
299	16.3.3	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings and accessories etc. all complete,	meter	120.000	878.00	105360
300	16.3.2	Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire and labour charges, fittings and accessories etc. All complete,	meter	180.000	551.00	99180
301	16.4.2	Supplying, assembling, lowering and fixing in vertical position in bore well, ERW (Electric Resistance Welded) FE 410 mild steel screwed and socketed/ plain ended casing pipes of required dia, conforming to IS: 4270, of	meter	180.000	1191.00	214380
302	16.8.2	Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for borewell of: 150 mm dia	each	2.000	366.00	732
303	16.9.2	Providing and fixing M.S. clamp of required dia made of 100 x10 mm flat to the top of casing/ housing pipe of tubewell as per IS: 2800 (part I), including necessary bolts and nuts of required size complete. 150 mm clamp.	each	4.000	1129.00	4516
304	16.10.2	Providing and fixing Bail plug/ Bottom plug of required dia to the bottom of pipe assembly of tubewell as per IS: 2800 (part I). 150 mm dia	each	2.000	242.00	484
305	16.16	Supplying, filling, spreading and leveling gravels of size range 5 mm to 10 mm, in the recharge pit, over the existing layer of boulders, in required thickness, for all leads and lifts, all complete as per direction of Engineer-in-Charge.	cum	2.000	877.00	1754

S.NO.	SOR ITEMS	DISCRPTION	UNIT	QTY	RATE	AMOUNT
306	16.17	Supplying, filling, spreading and leveling coarse sand of size range 1.5 mm to 2 mm in recharge pit, in required thickness over gravel layer, for all leads and lifts, all complete as	cum	2.000	819.00	1638
307	18.8.3.5	Supplying, filling, spreading and leveling coarse sand of size range 1.5 mm to 2 mm in recharge pit, in required thickness over gravel layer, for all leads and lifts, all complete as	meter	250.000	402.00	100500
308	18.8.3.6	Supplying, filling, spreading and leveling coarse sand of size range 1.5 mm to 2 mm in recharge pit, in required thickness over gravel layer, for all leads and lifts, all complete as	meter	250.000	492.00	123000
309	18.8.3.7	Supplying, filling, spreading and leveling coarse sand of size range 1.5 mm to 2 mm in recharge pit, in required thickness over gravel layer, for all leads and lifts, all complete as	meter	230.000	533.00	122590
310	12.15	Providing and fixing pre-coated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm + 0.05 %, total coated thickness with zinc coating 120 gsm as per IS:	sqm	242.200	652.00	157914
311	12.16.1	Providing and fixing pre-coated galvanized steel sheet roofing accessories 0.50 mm + 0.05 % total coated thickness, Zinc coating 120gsm as per IS: 277 in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-	meter	3.500	320.00	1120
312	12.16.2	Flashings/ Aprons.(Upto 600 mm)	meter	42.400	284.00	12042
313	12.16.3	North light curves	meter	8.050	341.00	2745
314	12.16.4	Barge board (Upto 300 mm)	meter	48.760	274.00	13360
315	12.16.5	Crimp curve over all girth)	meter	26.010	315.00	8193
316	12.16.6	Gutter Gutter. (600 mm)		7.000	781.00	5467
317	18.12.1.3	With C.I. wheel of approved quality (screwed end) 40 mm nominal bore	each	5.000	677.00	3385
318	18.12.1.4	With C.I. wheel of approved quality (screwed end) 50 mm nominal bore	each	8.000	976.00	7808
319	18.12.1.5	With C.I. wheel of approved quality (screwed end) 65 mm nominal bore	each	8.000	1,339.00	10712
320	19.1.1	Providing, laying and jointing SP-1 glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 sand) including testing of joints etc. complete : Excavation to be paid seperately	meter	320.000	195.00	62400
321	19.1.2	Providing, laying and jointing SP-1 glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 sand) including testing of joints etc. complete : Excavation to be paid seperately	meter	215.000	260.00	55900
322	19.3.1	Providing and laying cement concrete 1:5:10 (1 cement : 5 sand : 10 graded stone aggregate 40 mm nominal size) upto haunches of S.W. pipes including bed concrete as per standard	meter	320.000	226.00	72320

S.NO.	SOR ITEMS	DISCRPTION	UNIT	QTY	RATE	AMOUNT
323	19.3.2	Providing and laying cement concrete 1:5:10 (1 cement : 5 sand : 10 graded stone aggregate 40 mm nominal size) upto haunches of S.W. pipes including bed concrete as per standard	meter	215.000	366.00	78690
324	19.7.1.2	Providing and fixing square- mouth S.W. gully trap class SP1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50	each	7.000	1,668.00	11676
325	19.7.2.2	With sewer bricks conforming to IS : 4885	each	7.000	1,707.00	11949
326	19.8.1	Providing and laying non- pressure NP2 class (light duty)R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 sand) including testing of	meter	50.000	243.00	12150
327	19.9.1.2	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 sand) R.C.C. top slab with Cement Concrete 1:2:4 mix (1 cement : 2 sand : 4 graded stone aggregate 20 mm nominal	each	6.000	7,747.00	46482
328	19.9.3.2	Inside size 120x90 cm and 90 cm deep including C.I. cover with frame (heavy duty) 560 mm internal diameter, total weight of cover and frame to be not less than 208 kg (weight of cover 108 kg	each	5.000	21,228.00	106140
329	19.10.1.2	Extra for depth for manholes Size 90x80 cm With Sewer bricks conforming to IS : 4885	meter	0.500	5,448.00	2724
330	19.10.2.2	Size 120x90 cm With Sewer bricks conforming to IS : 4885	meter	0.500	6,512.00	3256
331	19.17.2	Providing M.S. foot rests including fixing in manholes with 20x20x10 cm cement concrete blocks 1:3:6 (1 cement : 3 sand : 6 graded stone aggregate 20 mm nominal size) as	each	10.000	187.00	1870
332	19.26.1	Raising manhole cover and frame slab to required level including dismantling existing slab and making good the damage as required (Brick work for Raising depth of manhole to be paid	each	5.000	1,126.00	5630
333	19.26.2	Rectangular manhole 120x90 cm with circular cover 500 mm dia of grade MD - 10	each	5.000	1,758.00	8790
334	19.27.2	Constructing brick masonry road gully chamber 50x45x60cm with bricks in cement mortar 1:4 (1 cement : 4 sand) including 500x450 mm precast R.C.C. horizontal grating with	each	5.000	4,900.00	24500
335	19.28.2	Constructing brick masonry road gully chamber 45x45x77.5cm with bricks in cement mortar 1:4 (1 cement : 4 sand) with precast R.C.C. vertical grating complete as per standard	each	5.000	6,983.00	34915
336	19.31	Constructing soak pit 1.20x1.20x1.20m filled with brickbats including S.W. drain pipe 100 mm diameter and 1.20m long complete as per standard design.	each	2.000	3,172.00	6344
337	19.40	Supplying and fixing of FRP/GRP composite manhole cover with frame of clear opening size 900X450mm rectangular having weight of (complete unit) (weight of frame 11.7 kg + weight of cover 43.76kg ± 10%) (HD/2.5MT)	each	5.000	10,130.00	50650
338	19.41	Supplying and fixing of FRP/GRP composite manhole cover with frame of clear opening size 450X600mm rectangular having weight of (complete unit) (weight of frame 1.84kg + weight of cover 14.2kg ± 10%) (LD/2.5MT)	each	7.000	3,951.00	27657
339	2.9.1	Excavating trenches of required width for pipes, cables, etc. including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5 m including getting out the excavated soil, and	meter	100.000	96.00	9600

S.NO.	SOR ITEMS	DISCRPTION	UNIT	QTY	RATE	AMOUNT
340	2.9.2	Excavating trenches of required width for pipes, cables, etc. including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5 m including getting out the excavated soil, and	meter	435.000	156.00	67860
341	19.36	Providing & Fixing of Precast RCC drain cover of size 600x 450 x70mm (thickness) with 4 holes, manufactured by using M-30 grade of concrete reinforced with 8mm dia Tor Steel @100mm c/c both ways, manufactured by vibro	each	747.000	350.00	261450
342	25.79	Providing and fixing in position best Indian, 692mm long, satin finish C. P. Brass grab bar made of 304 grade ss i/c all nuts and screw (0.3 micron chrome and 10 micron nickel plated). (Premium Range)	each	2.000	7,413.00	14826
343	25.80	Providing and fixing in position best Indian, satin finish, C. P. Brass grab bar with left/right 90 degree angle, made of 304 grade ss i/c all nuts and screws. (0.3 micron chrome and 10 micron nickel plated). (Premium Range)	each	2.000	9,504.00	19008
344	28.20	Supplying and stacking of good earth specific useful for plantation at site including royalty if any and carriage (earth measured in stacks will be reduced by 20% for payment).	cum	116.250	68.00	7905
345	28.90	Mixing earth and sludge or manure in the required proportion specified or directed by the Engineer-in-charge.	cum	116.250	11.00	1279
346	28.23	Preparation of mounds of various size and shape by available excavated /supplied earth in layers not exceeding 20 cm in depth, breaking clods, watering of Each layer, dressing etc. lead upto 50 metre and lift upto 1.5 m complete as per direction of Engineer-in-	cum	16.000	138.00	2208
347	28.10.4	Grassing with Selection No.1 grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn, free from weeds and fit for mowing including supplying good earth, if needed (the	sqm	0.810	186.00	151
348	28.2	Supplying and stacking of good earth specific useful for plantation at site including royalty if any and carriage (earth measured in stacks will be reduced by 20% for payment).	sqm	1.160	511.00	593
349	28.15.1	Providing and planting different variety of plants of approved quality and sizes as mentioned including making pits of required size at site, refilled with B.C. Soil mixture manuring and pesticide etc. complete (to be paid separately) including watering and 90 days maintenance	each	5.000	80.00	400
350	28.15.2	Allamanda Cathartica, Allamanda Grandiflora, Allamanda Violaeca, Begonia Venustha, Boughan Villas (Variety : Butiana, Lady Mary Bearing, Mahaara, Mohan, Scarlet Queen Variagata, Glabra Formosa, Peruviana Odissi, Partha, Shubhra, Thimma, Spectabilis,	each	5.000	50.00	250
351	28.15.3	Alpinia Verigated, Alternanthera species, Aspyragus Myerri, Aspyragus Springenii, Aspidistra, Canna (regular, Dwarf), Chlorodendron Inermii, Chlorophytum (Green), Chlorophytum verigated, Coffea Chinensis, Dianella Verigated, Durranta (Goldiana,	each	5.000	50.00	250
352	28.15.4	Any of one from Alyssum, Anemone, Antirrhinium Hybrid, Aster Hybrid, Begonia and its different varieties, Calendula, Carnation, Coleus, Daisy, Dianthus, Fressia, Gazania, Impatiens, Kalanchoe, Marigold Inca, Missam branthemum, Nemasia,	each	5.000	42.00	210
353	28.15.5	Any of one from Celosia, Caladium Hybrid, Cockscomb, Cosmos, Gaillardia, Gomphorena, Kochchea, Portulacca, Sunflower Hybrid, Sunflower Single, Tapiocca Variegated (Manihot Esculenta), Vinca, Zinnia Hybrids.	each	5.000	42.00	210
354	28.15.7	Rose plants creepers	each	5.000	212.00	1060
355	28.15.8	Standard Roses H.T. Variety	each	5.000	382.00	1910
356	28.16	Half brick circular tree guard in bricks, internal diametre 1.25 metre and height 1.2 metre above ground and 0.20 m below ground, bottom two courses laid dry and top three courses in cement mortar 1:6 (1 cement : 6 sand) and the intermediate courses being in dry honey	each	5.000	800.00	4000

S.NO.	SOR ITEMS	DISCRPTION	UNIT	QTY	RATE	AMOUNT
357	28.17.2	Edging with bricks laid dry length wise, including required excavation, refilling, consolidating with hand packing and spreading surplus earth neatly within a lead of 50 m: 28.17.2 Fly ash Fly ash bricks	each	100.000	34.00	3400
358	26.27.1	Providing and fixing of carbon-di- oxide type fire extinguishers consisting of welded M.S. cylindrical body, squeeze lever discharge valve fitted with pressure indicating gauge internal discharge tube 30 cm long high pressure discharge hose, discharge nozzle, suspension	each	5.000	1,260.00	6300
359	26.27.2	Providing and fixing of carbon-di- oxide type fire extinguishers consisting of welded M.S. cylindrical body, squeeze lever discharge valve fitted with pressure indicating gauge internal discharge tube 30 cm long high pressure discharge hose, discharge nozzle, suspension	each	5.000	2,700.00	13500
360	28.35	Providing and fixing of 3 seater stone bench made of 75mm thick stone slab finished by different numbers of ambry stone and two coats of 124 no sealer coat to prevent from weather including fixing on a pedestal (cost of pedestal to be paid separately)etc. complete as	each	4.000	9,700.00	38800
361	28.37	Providing and fixing of stone table made of 75mm thick stone slab finished by different numbers of ambry stone and two coats of 124 no sealer coat to prevent from weather including fixing on a pedestal (cost of pedestal to be paid separately)etc. complete as per direction	each	2.000	7,900.00	15800
362	18.5.3	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes U V stabilized and anti - microbial fusion welded, having thermal stability for hot and cold water supply including all PP - R plain	meter	100.000	178.00	17800
363	18.5.4	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes U V stabilized and anti - microbial fusion welded, having thermal stability for hot and cold water supply including all PP - R plain	meter	50.000	268.00	13400
364	27.4	Providing and fixing Stainless steel plate 304 grade of 1.50mm thick, including writing with Embossing of letters of required size including fixing at required placed with studs, screws and rawl plugs etc. compete as per direction	sqm	1.200	13652.00	16382
365	27.5	Providing and fixing of name plate for offices name of Stainless steel plate 304 grade of 1.50mm thick, including writing with computerized vinayle sheet letters of required size including fixing at required placed with studs, screws and	sqm	0.750	11926.00	8945
366	27.6	Providing and fixing Aluminum composite panels Silver colour with matte finish, 3mm thick, (0.25mm 2.5mm and 0.25mm) sheet for name plate including writing with computerized vinayle sheet letters of required	sqm	0.400	7287.00	2915
367	27.7	Providing and fixing Aluminum composite panels Silver colour with matte finish, 3mm thick, (0.25mm 2.5mm and 0.25mm) sheet for name plate including writing with computerized vinayle sheet letters of required size	sqm	0.770	6180.00	4759
368	18.15.1.1	Providing and fixing gun metal non- return valve of approved quality (screwed end) : 25 mm nominal bore Horizontal	each	2.000	462.00	924
369	18.15.1.2	Providing and fixing gun metal non- return valve of approved quality (screwed end) : 25 mm nominal bore Vertical	each	2.000	474.00	948
370	18.15.2.1	Providing and fixing gun metal non- return valve of approved quality (screwed end) : 32 mm nominal bore Horizontal	each	4.000	587.00	2348
371	18.15.2.2	Providing and fixing gun metal non- return valve of approved quality (screwed end) : 32 mm nominal bore Vertical	each	2.000	715.00	1430
372	18.15.3.1	Providing and fixing gun metal non- return valve of approved quality (screwed end) : 40 mm nominal bore Horizontal	each	2.000	746.00	1492
373	18.15.3.2	Providing and fixing gun metal non- return valve of approved quality (screwed end) : 40 mm nominal bore Vertical	each	2.000	990.00	1980

S.NO.	SOR ITEMS	DISCRPTION	UNIT	QTY	RATE	AMOUNT
374	18.15.4.1	Providing and fixing gun metal non- return valve of approved quality (screwed end) : 50 mm nominal bore Horizontal	each	2.000	1138.00	2276
375	18.15.4.2	Providing and fixing gun metal non- return valve of approved quality (screwed end) : 50 mm nominal bore Vertical	each	2.000	1353.00	2706
376	18.16.2	Providing and fixing brass ferrule with C.I. mouth cover including boring and tapping the main : 20 mm nominal bore	each	2.000	285.00	570
377	18.17.2.1	Providing and fixing uplasticised PVC connection pipe with brass unions : 45 cm length 15 mm nominal bore	each	9.000	149.00	1341
378	12.1	Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom as per relevant	CUM	49.930	61.00	3046
379	9.1	Plain cement concrete M-15 mix with crushed stone aggregate 40 mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days. as per MORT&H Specification 409.	CUM	13.000	4195.00	54535
380	9.2	Providing and Laying Reinforced Cement Concrete Pipe NP4/prestrssed concrete pipe on first class bedding in single row. Providing and Laying Reinforced cement concrete pipe NP4/prestrssed concrete pipe for culverts on first class	METER	6.050	7012.00	42423
381	9.6	Providing concrete cradle bedding in M-15 grade concrete as per clause 2900 and as per section 1700 and 2900.	CUM	2.420	4195.00	10152
382	13.1	Plain/Reinforced cement concrete in sub-structure complete as per drawing and technical specifications - B PCC Grade M20	CUM	5.600	5727.00	32071
383	13.2	Supplying, fitting and placing HYSD bar reinforcement in substructure complete as per drawing and technical specifications and as per relevant clause of section 1600.	TONNE	0.671	80503.00	54018
384	13.10.	Back filling behind abutment, wing wall and return wall complete as per drawing and Technical specification and as per relevant clauses 305 of specifications and as per appendix 6 of IRC-78.	CUM	7.300	665.00	4855
385	14.1	Providing and Placing Reinforced/Prestressed cement concrete in super-structure e/x reinforcement as per drawing and Technical Specification and as per relevant clauses of sections 1500, 1700 and	CUM	12.420	5674.00	70471
386	14.4	Supplying, fitting and placing HYSD bar reinforcement in superstructure complete as per drawing a	TONNE	1.490	82810.00	123387
387	3.3	Excavation in Soil using Hydraulic Excavator and Tipppers with disposal upto 1000 metres. Excavation for roadwork in soil with hydraulic excavator including cutting and loading in tipppers, trimming bottom and side slopes, in accordance with requirements	cum	1518.750	55	83531
388	3.10	Embankment Construction with Material Obtained from Borrow Pits Construction of embankment with approved material having CBR>7 obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope	cum	1518.750	155.00	235406
389	4.1	Granular Sub-base with Well Graded Material (CBR>30 or more) (Table:- 400-1 & Table 400-2) Construction of granular sub-base by providing well graded material like natural sand crushed gravel or crushed stone having CBR >30, spreading in	cum	589.500	934.00	550593
390	6.1	Deduct from Item No.6.1 above if paver with electronic sensor, vibratory roller are not used and laying, compaction is done by any other method. (The acceptance criteria regarding level, thickness, surface	cum	177.750	2617.00	465172

S.NO.	SOR ITEMS	DISCRPTION	UNIT	QTY	RATE	AMOUNT
391	6.4	Deduct from Item No.6.3 & 6.4 above if paver with electronic sensor is not used and laying, compaction is done by any other method (The acceptance criteria regarding level, thickness, surface regularity, texture finish, strength of concrete and all other quality	cum	421.880	5335.00	2250730
392	4.13	Hard Shoulders (CBR value >12)	cum	486.000	223.00	108378
393	6.12	Add extra in Item No.6.3 & 6.7 above for the cost of steel in dowel bar and tie rod etc. required as per design.	meter	0.110	63587.00	6995
			TOTAL (CIVIL)			106462036
	B	Electrical Work				
394	4.1.1.1	Point wiring (excluding metallic switch box & sheet but including switches, sockets, lamp holders/ceiling roses etc) with 1.5sq. mm. PVC insulated cable FRLS with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) ISI marked of suitable size and 1.5sq. mm. PVC insulated FRLS copper earth continuity conductor of green colour inside conduit, screwless connector for joints etc. as required as per specification for :- Light point/fan points.Primary short point	each	264.00	451.00	119064
395	4.1.1.2	Point wiring (excluding metallic switch box & sheet but including switches, sockets, lamp holders/ceiling roses etc) with 1.5sq. mm. PVC insulated cable FRLS with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) ISI marked of suitable size and 1.5sq. mm. PVC insulated FRLS copper earth continuity conductor of green colour inside conduit, screwless connector for joints etc. as required as per specification for :- Light point/fan points. Point wiring (excluding metallic switch box & sheet but including switches, sockets, lamp holders/ceiling roses etc) with 1.5sq. mm. PVC insulated cable FRLS with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) ISI marked of suitable size and 1.5sq. mm. PVC insulated FRLS copper earth continuity conductor of green colour inside conduit, screwless connector for joints etc. as required as per specification for :- Light point/fan points. Primary medium point	each	312.00	830.00	258960
396	4.1.1.3	Point wiring (excluding metallic switch box & sheet but including switches, sockets, lamp holders/ceiling roses etc) with 1.5sq. mm. PVC insulated cable FRLS with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) ISI marked of suitable size and 1.5sq. mm. PVC insulated FRLS copper earth continuity conductor of green colour inside conduit, screwless connector for joints etc. as required as per specification for :- Light point/fan points. Primary long point	each	734.00	1300.00	954200
397	4.1.2.1	(Light point/fan points) looping point Secondary short point	each	9.00	226.00	2034
398	4.1.2.2	(Light point/fan points) looping point Secondary medium point	each	12.00	415.00	4980
399	4.1.3.2	3 Pin 6 Amp socket outlet on separate board Medium point	each	76.00	990.00	75240
400	4.1.3.3	3 Pin 6 Amp socket outlet on separate board Long point	each	96.00	1515.00	145440
401	4.1.4.3	Call bell/buzzer points Long point	each	15.00	1183.00	17745
402	4.1.5.3	Twin control light points Long point	each	20.00	1453.00	29060
403	4.2	Point wiring (excluding metallic switch box & sheet but including switches, sockets) for 3 pin 6 Amp. socket outlet point with 1.5sq. mm. PVC insulated cable FRLS with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) ISI marked of suitable size and 1.5sq. mm. PVC insulated copper earth continuity conductor of green colour inside conduit with required materials as per specification on same board.	each	342.00	265.00	90630
404	4.3.1	Wiring for circuit wiring with PVC insulated cable FRLS with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) of ISI marked suitable size etc. as required as per specification 2x2.5 Sq.mm.	metre	1000.00	139.00	139000
405	4.3.2	Wiring for circuit wiring with PVC insulated cable FRLS with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) of ISI marked suitable size etc. as required as per specification 4x2.5 Sq.mm.	metre	800.00	224.00	179200

S.NO.	SOR ITEMS	DISCRPTION	UNIT	QTY	RATE	AMOUNT
406	4.3.3	Wiring for circuit wiring with PVC insulated cable FRLS with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) of ISI marked suitable size etc. as required as per specification 6x2.5 Sq.mm.	metre	600.00	288.00	172800
407	4.3.4	Wiring for circuit wiring with PVC insulated cable FRLS with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) of ISI marked suitable size etc. as required as per specification 8x2.5 Sq.mm.	metre	400.00	353.00	141200
408	9.1.1.1	Point wiring (excluding metallic switch box & sheet) for 3 Pin 16 Amp. socket outlet point with 4sq. mm. PVC insulated cable FRLS with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) ISI marked of suitable size etc. with 20/16 Amp. F.T. switch & socket/S.S. combined 20/16/6 Amp. of ISI marked and 4sq. mm. PVC insulated FRLS copper earth continuity conductor of green colour inside conduit, screwless connector for joints as per specification for :- Short point	each	12.00	985.00	11820
409	9.1.1.2	Point wiring (excluding metallic switch box & sheet) for 3 Pin 16 Amp. socket outlet point with 4sq. mm. PVC insulated cable FRLS with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) ISI marked of suitable size etc. with 20/16 Amp. F.T. switch & socket/S.S. combined 20/16/6 Amp. of ISI marked and 4sq. mm. PVC insulated FRLS copper earth continuity conductor of green colour inside conduit, screwless connector for joints as per specification for :- Medium point	each	16.00	1749.00	27984
410	9.1.1.3	Point wiring (excluding metallic switch box & sheet) for 3 Pin 16 Amp. socket outlet point with 4sq. mm. PVC insulated cable FRLS with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) ISI marked of suitable size etc. with 20/16 Amp. F.T. switch & socket/S.S. combined 20/16/6 Amp. of ISI marked and 4sq. mm. PVC insulated FRLS copper earth continuity conductor of green colour inside conduit, screwless connector for joints as per specification for :- Long point	each	76.00	2612.00	198512
411	9.1.1.4	Point wiring (excluding metallic switch box & sheet) for 3 Pin 16 Amp. socket outlet point with 4sq. mm. PVC insulated cable FRLS with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) ISI marked of suitable size etc. with 20/16 Amp. F.T. switch & socket/S.S. combined 20/16/6 Amp. of ISI marked and 4sq. mm. PVC insulated FRLS copper earth continuity conductor of green colour inside conduit, screwless connector for joints as per specification for :- Extra long-I	each	12.00	3648.00	43776
412	9.1.1.5	Point wiring (excluding metallic switch box & sheet) for 3 Pin 16 Amp. socket outlet point with 4sq. mm. PVC insulated cable FRLS with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) ISI marked of suitable size etc. with 20/16 Amp. F.T. switch & socket/S.S. combined 20/16/6 Amp. of ISI marked and 4sq. mm. PVC insulated FRLS copper earth continuity conductor of green colour inside conduit, screwless connector for joints as per specification for :- Extra long-II	each	7.00	4771.00	33397
413	9.1.1.6	Point wiring (excluding metallic switch box & sheet) for 3 Pin 16 Amp. socket outlet point with 4sq. mm. PVC insulated cable FRLS with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) ISI marked of suitable size etc. with 20/16 Amp. F.T. switch & socket/S.S. combined 20/16/6 Amp. of ISI marked and 4sq. mm. PVC insulated FRLS copper earth continuity conductor of green colour inside conduit, screwless connector for joints as per specification for :- Extra long-III	each	5.00	5986.00	29930
414	9.2	Same board switch & socket 16 Amp./S.S. combined 20/16/6 Amp	each	216.00	437.00	94392
415	16.1.2	Supply and fixing PVC conduit ISI marked FRLS along with the accessories in concealed system etc. as required PVC. conduit 25 mm (HMS)	metre	650.00	74.00	48100

S.NO.	SOR ITEMS	DISCRPTION	UNIT	QTY	RATE	AMOUNT
416	18.2.1	Supplying and fixing of approved make modular type G.I. metal box 1.2mm minimum thick and depth 50mm for single row boxes and 60mm depth for two/three row boxes earth terminal stud with nut and washer with modular base and cover plate including fixing in concealed etc. as required for:- 1Or 2 Module metal box	each	42.00	182.00	7644
417	18.2.2	Supplying and fixing of approved make modular type G.I. metal box 1.2mm minimum thick and depth 50mm for single row boxes and 60mm depth for two/three row boxes earth terminal stud with nut and washer with modular base and cover plate including fixing in concealed etc. as required for:- 3 Module metal box	each	98.00	216.00	21168
418	18.2.3	Supplying and fixing of approved make modular type G.I. metal box 1.2mm minimum thick and depth 50mm for single row boxes and 60mm depth for two/three row boxes earth terminal stud with nut and washer with modular base and cover plate including fixing in concealed etc. as required for:- 4 Module metal box	each	14.00	244.00	3416
419	18.2.4	Supplying and fixing of approved make modular type G.I. metal box 1.2mm minimum thick and depth 50mm for single row boxes and 60mm depth for two/three row boxes earth terminal stud with nut and washer with modular base and cover plate including fixing in concealed etc. as required for:- 6 Module metal box	each	142.00	309.00	43878
420	18.2.5	Supplying and fixing of approved make modular type G.I. metal box 1.2mm minimum thick and depth 50mm for single row boxes and 60mm depth for two/three row boxes earth terminal stud with nut and washer with modular base and cover plate including fixing in concealed etc. as required for:- 8/9 Module metal box	each	68.00	373.00	25364
421	18.2.6	Supplying and fixing of approved make modular type G.I. metal box 1.2mm minimum thick and depth 50mm for single row boxes and 60mm depth for two/three row boxes earth terminal stud with nut and washer with modular base and cover plate including fixing in concealed etc. as required for:- 12 Module metal box	each	178.00	502.00	89356
422	18.2.8	Supplying and fixing of approved make modular type G.I. metal box 1.2mm minimum thick and depth 50mm for single row boxes and 60mm depth for two/three row boxes earth terminal stud with nut and washer with modular base and cover plate including fixing in concealed etc. as required for:- 18 Module metal box	each	34.00	642.00	21828
423	19.1.1.1	Supplying & drawing PVC insulated copper FRLS with copper multi strand conductor ISI marked in existing conduit along with other wires as per specification 19.1.1.1 1x1.5	metre	2400.00	19.00	45600
424	19.1.1.3	Supplying & drawing PVC insulated copper FRLS with copper multi strand conductor ISI marked in existing conduit along with other wires as per specification 19.1.1.3 3x1.5	metre	346.00	56.00	19376
425	19.1.2.1	19.1.2 2.5 sq mm wire 19.1.2.1 1x2.5	metre	2800.00	30.00	84000
426	23.1.2.3	Wiring for sub-mains with PVC insulated cable FRLS with copper multi strand conductor ISI marked in recessed/concealed rigid PVC conduit (HMS) FRLS ISI marked of suitable size (conduit included) including 2mm thick accessories, connection etc, as required as per specification. (Refer General Notes for Classification of Conduit Wiring Point No.10) 3 Wire sub main 6.0 sq. mm. cable	metre	140.00	321.00	44940
427	23.1.4.3	4 Wire sub main 6.0 sq. mm. cable	metre	1200.00	398.00	477600
428	23.1.4.4	4 Wire sub main 10.0 sq. mm. cable	metre	475.00	601.00	285475
429	25.16.6	Supply & fixing of I.S.I.marked Porecelain Rewireable fuse unit of approved make or confirming to I.S.S. 2086-1982 200 Amps /415 Volts	each	6.00	983.00	5898
430	27.2.1	Supplying of ISI marked and approved make of moulded case circuit breaker (MCCB) suitable for 3 phase,3 pole, 50 Hz, 415 Volts, (Ics=100%Icu) AC supply with thermal - magnetic release having respective breaking capacity (KA) at 415 Volts cited against their range standard conforming to IS/IEC 60947-2 MCCB 25kA current rating - 63 to100Amp & adjustable overload setting 80% -100% of In, adjustable short circuit setting 6-10 In 3 Pole	each	8.00	7538.00	60304

S.NO.	SOR ITEMS	DISCRPTION	UNIT	QTY	RATE	AMOUNT
431	27.2.2	Supplying of ISI marked and approved make of moulded case circuit breaker (MCCB) suitable for 3 phase,3 pole, 50 Hz, 415 Volts, (Ics=100%Icu) AC supply with thermal - magnetic release having respective breaking capacity (KA) at 415 Volts cited against their range standard conforming to IS/IEC 60947-2 MCCB 25kA current rating - 125Amp & adjustable overload setting 80% -100% of In, adjustable short circuit setting 6-10 In 3 Pole	each	2.00	10160.00	20320
432	27.3.3	Supplying of ISI marked and approved make of moulded case circuit breaker (MCCB) suitable for 3 phase & N, 4 pole, 50 Hz, 415 Volts, (Ics=100%Icu) AC supply with thermal-magnetic release having respective breaking capacity (KA) at 415 Volts cited against their range standard conforming to IS/IEC 60947-2 MCCB 25kA current rating - 160Amp & adjustable overload setting 80% - 100% of In, adjustable short circuit setting 6-10 In 4 Pole	each	2.00	15835.00	31670
433	27.3.4	Supplying of ISI marked and approved make of moulded case circuit breaker (MCCB) suitable for 3 phase & N, 4 pole, 50 Hz, 415 Volts, (Ics=100%Icu) AC supply with thermal-magnetic release having respective breaking capacity (KA) at 415 Volts cited against their range standard conforming to IS/IEC 60947-2 MCCB 25kA current rating - 200 Amp & adjustable overload setting 80% - 100% of In, adjustable short circuit setting 6-10 In 4 Pole	each	1.00	19695.00	19695
434	27.8.1.2	Supply of ISI marked and accepted standard of miniature circuit breaker (MCB) of 'C' series with short circuit indication, suitable for 240/415 Volts,50 Cycle, 10 kA/15 kA Value AC supply conforming to IS : 8828 :1996, IEC : 60898 :2002 & 60947-2 but without enclosures :-MCB SP 6Amp to 32Amp 10kA rating	each	416.00	263.00	109408
435	27.8.2.2	Supply of ISI marked and accepted standard of miniature circuit breaker (MCB) of 'C' series with short circuit indication, suitable for 240/415 Volts,50 Cycle, 10 kA/15 kA Value AC supply conforming to IS : 8828 :1996, IEC : 60898 :2002 & 60947-2 but without enclosures :-MCB SP 6Amp to 32Amp 10kA rating Double pole MCB DP 6Amp to 32Amp 10kA rating	each	24.00	887.00	21288
436	27.8.3.2	For Triple pole MCB TP 6Amp to 32Amp 10kA rating	each	32.00	1411.00	45152
437	27.8.3.4	For Triple pole MCB TP 50Amp to 63Amp 10kA rating	each	24.00	2157.00	51768
438	27.8.4.3	Four pole MCB FP 40Amp 10kA rating	each	24.00	2714.00	65136
439	27.11.4	Supply of approved make powder coated sheet steel encloser SPN MCB DB inclusive of busbar, neutral bar, earth bar, connection copper wire not less than 16 sq.mm & two earth terminals etc. complete as per IS:13032(exclusive of MCB & isolator)- 6 Way Double Door IP 43 Protection	each	4.00	1846.00	7384
440	27.11.5	Supply of approved make powder coated sheet steel encloser SPN MCB DB inclusive of busbar, neutral bar, earth bar, connection copper wire not less than 16 sq.mm & two earth terminals etc. complete as per IS:13032(exclusive of MCB & isolator)- 8 Way Double Door IP 43 Protection	each	2.00	2127.00	4254
441	27.11.6	Supply of approved make powder coated sheet steel encloser SPN MCB DB inclusive of busbar, neutral bar, earth bar, connection copper wire not less than 16 sq.mm & two earth terminals etc. complete as per IS:13032(exclusive of MCB & isolator)- 12 Way Double Door IP 43 Protection	each	1.00	2738.00	2738
442	27.12.2	Supplying of approved make TPN MCB DB metal double door IP 43 protection with provision for FP MCB/ Isolator/ RCCB/ RCBO as incomer and SP MCBs as outgoing inclusive of busbar, neutral bar, earth bar, connection copper wire not less than 16 sq.mm & two earth terminals etc. complete as per IS:13032(exclusive of MCB & isolator): 4 Way (8+12)	each	20.00	4444.00	88880
443	27.12.3	Supplying of approved make TPN MCB DB metal double door IP 43 protection with provision for FP MCB/ Isolator/ RCCB/ RCBO as incomer and SP MCBs as outgoing inclusive of busbar, neutral bar, earth bar, connection copper wire not less than 16 sq.mm & two earth terminals etc. complete as per IS:13032(exclusive of MCB & isolator): 6 Way (8+18)	each	4.00	5526.00	22104
444	27.14.1	Supplying of approved make, powder coated metal double door vertical TPN MCB DB IP 43 protection with provision for MCCB upto160A TP/FP 36kA as incomer and space for SP/TP MCBs as outgoing (without MCCB/MCBs) inclusive of busbar & connections etc 4 Way without MCCB	each	6.00	13822.00	82932

S.NO.	SOR ITEMS	DISCRPTION	UNIT	QTY	RATE	AMOUNT
445	27.18.2	Supplying & fixing of approved make Industrial type metal plug & socket DBs (without MCB) SPN sheet encloser (dust protected) inclusive of 2 pole and earth metal plug and socket and space to incorporate SP MCB complete as per specification as required. 20 Amp	each	24.00	1095.00	26280
446	27.19.1	Supplying & fixing of ISI marked Industrial type metal plug socket D.B.s (without MCBs) for TPN encloser three pole and earth metal plug and socket including space to incorporate TP MCB complete as per specification as required.20 Amp	each	18.00	2249.00	40482
447	27.19.2	Supplying & fixing of ISI marked Industrial type metal plug socket D.B.s (without MCBs) for TPN encloser three pole and earth metal plug and socket including space to incorporate TP MCB complete as per specification as required. 30/32 Amp	each	16.00	2543.00	40688
448	27.21.2.6	Supplying and installing of RCBOs (Residual current circuit breaker with overload and short circuit protection) ISI marked complete as per I.S. standard conforming to IEC:61009-1 & IS:12640-2, 240/415V 50 Hz with 10 kA short circuit withstand capacity for earth leakage, overload & short circuit protection including connection in existing enclosure in approved manner as per specification. 4 pole 25-32Amp, 100/300mA sensitivity	each	4.00	6476.00	25904
449	27.21.2.8	Supplying and installing of RCBOs (Residual current circuit breaker with overload and short circuit protection) ISI marked complete as per I.S. standard conforming to IEC:61009-1 & IS:12640-2, 240/415V 50 Hz with 10 kA short circuit withstand capacity for earth leakage, overload & short circuit protection including connection in existing enclosure in approved manner as per specification. 4 pole 63Amp, 100/300mA sensitivity	each	2.00	7926.00	15852
450	28.4.1	Fixing of MCB/MCCB/Isolator in sheet steel enclosure as required as per accepted practice, including mounting on busbar and cable connection etc. complete (labour only) MCB/Isolator SP/DP	each	472.00	22.00	10384
451	28.4.2	Fixing of MCB/MCCB/Isolator in sheet steel enclosure as required as per accepted practice, including mounting on busbar and cable connection etc. complete (labour only)MCB/MCCB Isolator TP/TPN/FP	each	60.00	28.00	1680
452	28.5.2	Labour charges for fixing sheet steel enclosure, MCB DB surface mounting type, as per accepted practice on 25x5mm flat iron clamp duly embedded in wall, cable connection etc. complete. For item no :- 27.11.5 & 27.12.1 to 27.12.2	each	31.00	545.00	16895
453	28.5.3	Labour charges for fixing sheet steel enclosure, MCB DB surface mounting type, as per accepted practice on 25x5mm flat iron clamp duly embedded in wall, cable connection etc. complete. For item no :- 27.12.3 to 27.12.4 & 27.13.1	each	6.00	572.00	3432
454	29.3.2	Supply and fixing as per specification call bell/buzzer of approved make with necessary materials complete. Buzzer	each	16.00	82.00	1312
455	29.7.4	Supply and fixing in position LED lamp of approved make 7 Watt250Volt	each	64.00	108.00	6912
456	29.7.6	Supply and fixing in position LED lamp of approved make 12 Watt250Volt	each	134.00	191.00	25594
457	29.15.1	Supply and fixing as per specification caution/danger board of approved make with necessary material complete. Small size 200 X 150 mm for MV/LT	each	12.00	97.00	1164
458	29.25.2	Supply and fixing of approved make step type modular electronic fan regulator including connection etc. as required on existing board 100 Watt(2 module)	each	246.00	484.00	119064
459	29.27	Supply, fixing, testing & commissioning wall/floor mounted LT panel primer coated with powder coated paint & provided with required gasket for dust/vermin proof with degree of protection IP42 suitable for 415Volt 3 phase, 50 Hz, 4 wire system fabricated out of CRCA sheet upto 2 mm thick (1.6 mm for doors) duly compartmentalized for incomer, bus section, outgoings, cable alleys & CT, PT Ampere Metre, Volt Metre, selector switches, frequency Metre, phase indicating lamp, Energy Metre complete including cost of busbar supports, detachable cable gland plates, 2 earthing terminals, internal wiring & fixing of separately supplied MCBs, MCCBs, ACB, panel mounted changeover switch/SFUs, etc. as required but excluding cost of busbar strips, Ampere Metre, Volt Metre, selector switch as per approved design & specification	Kg	750.00	397.00	297750

S.NO.	SOR ITEMS	DISCRPTION	UNIT	QTY	RATE	AMOUNT
460	29.28.1	Supply and fixing of LT panel accessories of approved make in existing LT panel including connections etc. as required as per specification. Digital Ampere Metre with CTs with selector switch	P.SET	3.00	2125.00	6375
461	29.28.2	Supply and fixing of LT panel accessories of approved make in existing LT panel including connections etc. as required as per specification. Digital Volt Metre with selector switch & HRC fuse	P.SET	3.00	2398.00	7194
462	29.28.6	Supply and fixing of LT panel accessories of approved make in existing LT panel including connections etc. as required as per specification. Aluminium bus bar strips with PVC sleeves	Kg	124.00	284.00	35216
463	29.28.7	Supply and fixing of LT panel accessories of approved make in existing LT panel including connections etc. as required as per specification. LED lamp indicator	each	9.00	255.00	2295
464	30.1.2	Supplying, erection and testing of approved make electric Ceiling fan of double ball bearing complete with standard down rod, canopy, hanging shackle, Aluminium blades, without regulator, A.C. 230-250 volts including connections with all necessary material complete of approved as required confirming to IS :374/2019 with upto date amendments. Ceiling Fan (ISI marked)-1200 mm Sweep, with minimum air delivery 210 m ³ /min and service value \geq 4.00 as per BEE..	each	246.00	2292.00	563832
465	30.5.4	Supplying and fixing of deluxe fresh air fan with louvers (ventilating fan) with self-closing louvers of decorative PVC blades mounting square frame of approved make complete with all necessary material as required 300mm RPM1300/1400	each	16.00	2004.00	32064
466	30.6.1	Supplying, erecting and testing of approved make exhaust fan heavy duty with mounting frame, blades AC 230-250 complete connection and including, frame bolt/anchor hole fasteners etc. complete finished and as required.300mm sweep RPM 900 / 1400	each	12.00	2571.00	30852
467	30.13	Supply and fixing M.S. down rod 14 SWG (2mm) thick for ceiling fan including threading, painting, making holes etc. as required complete. Note: For new works difference of installed & standard down rod length shall be paid.	metre	124.00	114.00	14136
468	31.3.4	Supply and fixing Led tube rod comprising of LED tube with non- integral/integral driver, upto 6500K color temp having 40000 burning hrs life with minimum @ L 70, system lumen output should be minimum with system efficacy> 100 lm/Watt. LED driver PF> 0.95 & THD < 20%. The colour rendering index of LED light should be more than 70. Submission LM 79-08/IS16106 (2012), IEC60598, IEC61347i/c connection wire, testing etc. to complete the job.Tube light LED 1 X 20/22Watt, Integral i/c batten aluminium body, PC diffuser.	each	578.00	782.00	451996
469	31.13.2	Supply and fixing street light with high power LED of 3 to 6 Watt each on existing bracket assembled on single MCPCB and additional unique peanut lens on each LED, system lumens output with efficacy>120 lm/Watt. luminaire having color temp upto 6500K & 50000 hrs. burning life with minimum @ L 70, The colour rendering index of LED light should be more than 70. Luminaire comprises of driver, PF> 0.95 & surge protection 10KV. Housing made of pressure die cast aluminium with heat resistant flat glass, IP65 protection.Submission LM 79-08/IS16106 (2012), IEC60598, IEC61347 i/c connection wire, testing etc. to complete the job.60Watt, color temp 3000-6500k as required.	each	34.00	9791.00	332894
470	32.3	Providing and fixing circular/hexagonal cast iron or M.S. sheet box for ceiling fan clamp of internal dia 140mm, 73mm height, top lid of 1.5mm thick M.S. sheet with its top surface hacked for proper bonding, top lid shall be screwed into the cast iron/M.S. sheet box by mean of 3.3mm dia. round headed screws, one lock at the corners. Clamp shall be made of 12mm dia M.S. bar bent to shape as per standard drawing.	each	246.00	90.00	22140
471	32.17.2	Supply, Installation, Testing and Commissioning of Electrical Napkin Incinerator Wall mounted factory fabricated with CRCA sheet steel of 1.2mm thickness duly powder coated suitable for 230V 50Hz AC Supply with auto cut-off feature having insulation of thermal ceramic sheet with glass wool of 4 5mm thick with MCB protection & aprox.2 meter flexible flue gas pipe with clamp. Sanitary Napkin Incinerator(Capacity 50 per Day)	each	5.00	38666.00	193330

S.NO.	SOR ITEMS	DISCRPTION	UNIT	QTY	RATE	AMOUNT
472	37.3	Earthing with G.I. earth plate 600mm X 600mm X 6mm thick including accessories and providing masonry encloser in cement mortar, cover plate having locking arrangement on the top and G.I. watering pipe 20mm dia 2.7 metre long etc. (but without charcoal or coke and salt) complete as required	each	6.00	7487.00	44922
473	37.9	Supply and laying 25mm X 5mm G.I. strip at 0.5 metre below ground level as strip earth electrode including jointing etc. as required.	metre	72.00	130.00	9360
474	37.21.1	18mm dia 500mm long bright nickel plated copper tube Providing and fixing of lightning conductor finial made of 18mm dia 500mm long bright nickel plated copper tube tapered having single prong at top with bright nickel plated brass base M10 for connection and intersection of flat or round conductor including holes, clamp complete as required.	each	3.00	3947.00	11841
475	37.23	Fixing of lightning conductor, 25 mm dia 300 mm long cu./G.I. tube Fixing of lightning conductor finial made of 25mm dia 300mm long copper tube/G.I. tube having single prong at top with base plate etc. complete as required.	each	3.00	535.00	1605
476	37.24	Riveting/sweating and soldering Riveting/sweating and soldering of copper/G.I. Tape (with another copper/G.I. Tape, base of finial or any other metallic object) as required	each	3.00	107.00	321
477	37.25	Cu. tape 20x3 mm (for horizontal runs) Providing and fixing copper tape 20mm X 3mm thick on parapet and surface of wall of lightning conductor as required (for horizontal runs)	metre	20.00	567.00	11340
478	37.26	Cu. tape 20x3 mm (for vertical runs) Providing and fixing copper tape 20mm X 3mm thick on parapet and surface of wall of lightning conductor as required (for vertical runs)	metre	40.00	591.00	23640
479	37.39.2	Supply and drawing PVC insulated copper cable (earth continuity conductor) of green colour FRLS with copper multi strand conductor ISI mark in existing conduit along with other wires as required as per specification : 6 sq. mm.	metre	1200.00	71.00	85200
480	37.39.3	Supply and drawing PVC insulated copper cable (earth continuity conductor) of green colour FRLS with copper multi strand conductor ISI mark in existing conduit along with other wires as required as per specification :10 sq. mm.	metre	475.00	102.00	48450
481	38.9.1	Supply, installation testing and commissioning RJ - 45 computer jack cat 6 with shutter modular (1Module) RJ - 45 computer socket cat 6 with shutter modular (1Module)	each	38.00	288.00	10944
482	38.1	Supplying and drawing co-axial T.V. cable RG- 6 Grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tined copper braid and protected with PVC sheathed in existing surface/concealed, steel/PVC conduit as required.	metre	216.00	30.00	6480
483	38.8	Supply, fixing and testing of T.V. outlet modular (1Module)	each	4.00	175.00	700
484	38.11	Supplying and drawing 4 pair un-shielded twisted pair (UTP), 0.5 mm PVC insulated copper conductor un-armoured Cat-6 computer cable FRLS in existing surface/concealed, steel/PVC. conduit/ casing-n-capping as required.	metre	2325.00	56.00	130200
485	38.13.1	Supply, installation testing and commissioning of patch cord as mentioned below :- CAT 6 RJ45 patch cord UTP 1 metre	each	8.00	436.00	3488
486	38.15	Supply, installation testing and commissioning of 19" modular patch - 1 U patch panel 24, RJ 45 cat-6 connector	each	2.00	11792.00	23584
487	38.17.1	Supply, installation testing and commissioning of wall mounting rack, for computer switches/Patch Panel etc complete as mentioned below :- 6U cabinet with min. Dimensions 366X600X600, wall mounting with 6 point 5 Amp. socket power supply strip, and fan, cable manager, tray as per Site requirement	each	2.00	9753.00	19506
488	54.27.1	8 port PoE switch with 2 SFP ports Supply, installation testing and commissioning of 8 port PoE switch with 2 SFP ports, having security features like port security supports 64 MACs per port, auto surveillance VLAN, loopback detection automatically disables a port when a loop is detected, cable diagnostics allows administrators to determine cable status, UTP cat. 5, cat. 5e (100 m max.), full/half- duplex for 10/100 MBPS, full-duplex for 1000 MBPS, auto MDI/MDIX adjustment for all twisted-pair ports, switching capacity, 40 GBPS, maximum 64 bytes packet forwarding rate, 14.88 MBPS, ports 1 to 8 compliant with 802.3at	each	2.00	23024.00	46048

S.NO.	SOR ITEMS	DISCRPTION	UNIT	QTY	RATE	AMOUNT
489	39.1.11	Supplying & installation of required capacity of single phase, 50 Hz, 220V, deep well submersible pump stainless steel body, as per IS of approved make, suitable for 4"/6 " tube well with control panel starter suitable for submersible pump with dry run protection, connections, including clamp, bore cap etc. as required as per specifications but excluding pipe, SS/Nylon wire rope and connection cable. 2 HP with 7-8 stages, head metre 56-16, discharge LPM 65-205	each	1.00	31199.00	31199
490	39.1.12	Supplying & installation of required capacity of single phase, 50 Hz, 220V, deep well submersible pump stainless steel body, as per IS of approved make, suitable for 4"/6 " tube well with control panel starter suitable for submersible pump with dry run protection, connections, including clamp, bore cap etc. as required as per specifications but excluding pipe, SS/Nylon wire rope and connection cable. 2 HP with 20-22 stages, head metre 147-42, discharge LPM 15-55	each	1.00	35906.00	35906
491	39.3.2	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	metre	400.00	205.00	82000
492	39.4.2	Supplying and laying of approved make HDPE pipe as per IS:4984 and IS:14333 with latest amendment for installation of submersible pump with necessary connection, socket/couplings, tees, etc. as required (PE-63 & working pressure 6 kgf/sq cm) 32 mm Outer Dia.	metre	375.00	120.00	45000
493	39.5	Supplying and laying of approved make nylon rope 12 mm thick complete with binding for support of pump and motor.	metre	375.00	76.00	28500
494	39.8.2	Supplying & installation of approved make required capacity single phase, 50 Hz, 220V, centrifugal monoblock pump stainless steel body, as per IS of approved make, suitable for 4"/6 " tube well with control panel starter suitable for submersible pump with dry run protection, connections, including clamp, bore cap etc. as required as per specifications but excluding pipe, SS/Nylon wire rope and connection cable. 2 HP, head metre 12-20, discharge LPM 540-180	each	1.00	27997.00	27997
495	41.1.8.3	Supply of XLPE insulated power cable (conforming IS-7098 Part-I) 1100 Volt grade, 1 core/2 core/3½ core/4 core ISI marked with alu. stranded /solid conductor 3½ core armoured 50 sq. mm	metre	74.00	373.00	27602
496	41.1.8.7	Supply of XLPE insulated power cable (conforming IS-7098 Part-I) 1100 Volt grade, 1 core/2 core/3½ core/4 core ISI marked with alu. stranded /solid conductor 3½ core armoured 150 sq. mm.	metre	90.00	904.00	81360
497	41.1.10.2	4 core armoured 10 sq. mm.	metre	276.00	181.00	49956
498	41.1.8.2	3½ core armoured 35 sq. mm	metre	90.00	280.00	25200
499	41.1.8.6	3½ core armoured 120 sq. mm.	metre	120.00	780.00	93600
500	41.5.1.1	Brass compression glandSupplying and fixing heavy duty cable gland for P.V.C. insulated armoured cable with brass washer, rubber ring complete erected with cable and lead connection etc. as per specification complete. Gland size 22mm suitable for cable 2,3,3½ & 4 x upto 6 sq. mm	each	4.00	79.00	316
501	41.5.1.2	Brass compression glandSupplying and fixing heavy duty cable gland for P.V.C. insulated armoured cable with brass washer, rubber ring complete erected with cable and lead connection etc. as per specification complete. Gland size 22mm suitable for cable 2/3, 3½, 2/4 x 10 sq. mm or 2x 16 sq. mm	each	2.00	97.00	194
502	41.5.1.5	Gland size 38 mm 3½ x 70 sq. mm, 3x95 sq. mm	each	4.00	219.00	876
503	41.5.1.4	Gland size 32 mm for 2/3, 3½, 4 x 25 sq. mm OR 2/3, 3½ x 35 sq. mm or 2/3/3½ x 50 sq. mm.	each	8.00	158.00	1264
504	41.5.1.6	Gland size 45 mm 3/3½ x 120 sq. mm, 3½ x 95 sq. mm, 3 x 150 sq. mm.	each	4.00	260.00	1040
505	41.5.1.7	Gland size 50 mm, 3½ x 150 sq. mm, 3 x 185 sq. mm	each	4.00	290.00	1160
506	41.6.1	Supplying and fixing ferrules as per IS - specification suitable for following size of cable for circuit identification including connection as required complete 2.5 to 6.00 sq. mm	each	9.00	3.00	27
507	41.6.2	Supplying and fixing ferrules as per IS - specification suitable for following size of cable for circuit identification including connection as required complete 10.00 sq. mm	each	7.00	4.00	28

S.NO.	SOR ITEMS	DISCRPTION	UNIT	QTY	RATE	AMOUNT
508	41.6.5	Supplying and fixing ferrules as per IS - specification suitable for following size of cable for circuit identification including connection as required complete 35.00 sq. mm	each	16.00	7.00	112
509	41.6.6	Supplying and fixing ferrules as per IS - specification suitable for following size of cable for circuit identification including connection as required complete 50.00 sq. mm	each	12.00	11.00	132
510	41.6.10	Supplying and fixing ferrules as per IS - specification suitable for following size of cable for circuit identification including connection as required complete 150.00 sq. mm	each	9.00	25.00	225
511	41.6.9	Supplying and fixing ferrules as per IS - specification suitable for following size of cable for circuit identification including connection as required complete 120.00 sq. mm	each	14.00	18.00	252
512	41.7.1	Supplying and fixing crimping type alum. lugs as per I.S.S. specification suitable for following size of cable with alu./copper solid/stranded conductor evenly crimped with high/pressure tool and connected to switch gear/bus/M.C.C.B./M.C.B. etc. as required complete. For conductor size- 6mm to 16 sq. mm	each	16.00	8.00	128
513	41.7.4	Supplying and fixing crimping type alum. lugs as per I.S.S. specification suitable for following size of cable with alu./copper solid/stranded conductor evenly crimped with high/pressure tool and connected to switch gear/bus/M.C.C.B./M.C.B. etc. as required complete. For conductor size- 50 sq. mm	each	34.00	22.00	748
514	41.7.5	Supplying and fixing crimping type alum. lugs as per I.S.S. specification suitable for following size of cable with alu./copper solid/stranded conductor evenly crimped with high/pressure tool and connected to switch gear/bus/M.C.C.B./M.C.B. etc. as required complete. For conductor size- 70 sq. mm	each	12.00	35.00	420
515	41.7.7	Supplying and fixing crimping type alum. lugs as per I.S.S. specification suitable for following size of cable with alu./copper solid/stranded conductor evenly crimped with high/pressure tool and connected to switch gear/bus/M.C.C.B./M.C.B. etc. as required complete. For conductor size- 120 sq. mm.	each	12.00	58.00	696
516	41.7.8	Supplying and fixing crimping type alum. lugs as per I.S.S. specification suitable for following size of cable with alu./copper solid/stranded conductor evenly crimped with high/pressure tool and connected to switch gear/bus/M.C.C.B./M.C.B. etc. as required complete. For conductor size-150 sq. mm.	each	16.00	66.00	1056
517	41.8.2.1	Supplying & fixing pin terminal lugs as per ISS specification suitable for cable evenly cramped with high pressure tool & connection to switch gear terminal as required complete. Upto 16 sq. mm conductor size	each	178.00	30.00	5340
518	41.14.1	Supplying and installing double wall corrugated pipes (DWC) of HDPE (IS 14930 Part II -marked) for cable laid underground with necessary material and at required depth upto 90cm. below road/ground surface, including excavation, back filling with excavated material, ramming and making the surface good. 50.00mm outside dia.	metre	276.00	133.00	36708
519	41.14.4	Supplying and installing double wall corrugated pipes (DWC) of HDPE (IS 14930 Part II -marked) for cable laid underground with necessary material and at required depth upto 90cm. below road/ground surface, including excavation, back filling with excavated material, ramming and making the surface good. 110.00mm outside dia.	metre	45.00	252.00	11340
520	41.15.1	Laying of one number armoured /unarmoured cable 1.1.KV grade of size not exceeding 25 sq. mm direct in ground including excavation in all soil/ murrum /soft rock, and sand cushioning protective covering and refilling the pit etc. as required.	metre	276.00	230.00	63480
521	41.15.3	Laying of one number armoured /unarmoured cable 1.1.KV grade of size exceeding 120 sq. mm but not exceeding 400 sq. mm direct in ground including excavation in all soil/ murrum /soft rock, and sand cushioning protective covering and refilling the pit etc. as required.	metre	78.00	266.00	20748

S.NO.	SOR ITEMS	DISCRPTION	UNIT	QTY	RATE	AMOUNT
522	41.18	Laying of one number armoured/unarmoured cable 1.1KV grade of size exceeding 25 sq. mm but not exceeding 120 sq. mm on wall/truss with approved type of iron clamp etc. as required.	metre	146.00	71.00	10366
523	41.15.7	Laying of one number armoured / unarmoured power cable 1:1 KV grade of size not exceeding 25 sq. mm in the existing RCC hume/stone ware/G.I. pipe/surface in existing trench as required.	metre	124.00	28.00	3472
524	41.20.1	Laying of underground cable armoured./unarmoured as per specification in air suspended on existing approved type of iron clamp, G.I wire 7/1.6mm & shackle insulator/insulated strip complete. 1/2/3/4 Core cable upto 16 sq. mm	metre	138.00	25.00	3450
525	41.20.2	Laying of underground cable armoured./unarmoured as per specification in air suspended on existing approved type of iron clamp, G.I wire 7/1.6mm & shackle insulator/insulated strip complete. 1/2/3/3½/4 Core cable 25 sq. mm to 120 sq. mm	metre	77.00	40.00	3080
526	29.27	Supply, fixing, testing & commissioning wall/floor mounted LT panel primer coated with powder coated paint & provided with required gasket for dust/vermin proof with degree of protection IP42 suitable for 415Volt 3 phase, 50 Hz, 4 wire system fabricated out of CRCA sheet upto 2 mm thick (1.6 mm for doors) duly compartmentalized for incomer, bus section, outgoings, cable alleys & CT, PT Ampere Metre, Volt Metre, selector switches, frequency Metre, phase indicating lamp, Energy Metre complete including cost of busbar supports, detachable cable gland plates, 2 earthing terminals, internal wiring & fixing of separately supplied MCBs, MCCBs, ACB, panel mounted changeover switch/SFUs, etc. as required but excluding cost of busbar strips, Ampere Metre, Volt Metre, selector switch as per approved design & specification	Kg	96.00	397.00	38112
527	29.28.5	Supply and fixing of LT panel accessories of approved make in existing LT panel including connections etc. as required as per specification. Aluminium bus bar strips with PVC sleeves	Kg	18.00	788.00	14184
528	29.28.6	LED lamp indicator	each	3.00	255.00	765
529	31.13.2	Supply and fixing street light with high power LED of 3 to 6 Watt each on existing bracket assembled on single MCPCB and additional unique peanut lens on each LED, system lumens output with efficacy>120 lm/Watt. luminiare having color temp upto 6500K & 50000 hrs. burning life with minimum @ L 70, The colour rendering index of LED light should be more than 70. Luminiare comprises of driver, PF> 0.95 & surge protection 10KV. Housing made of pressure die cast aluminium with heat resistant flat glass, IP65 protection. Submission LM 79-08/IS16106 (2012), IEC60598, IEC61347 i/c connection wire, testing etc. to complete the job. 60Watt, color temp 3000-6500k as required.	each	9.00	9791.00	88119
530	37.3	Earthing with G.I. earth plate 600mm X 600mm X 6mm thick including accessories and providing masonry encloser in cement mortar, cover plate having locking arrangement on the top and G.I. watering pipe 20mm dia 2.7 metre long etc. (but without charcoal or coke and salt) complete as required	each	3.00	7487.00	22461
531	37.4	Earthing with copper earth plate 600mm X 600mm X 3mm thick including accessories and providing masonry encloser in cement mortar, cover plate having locking arrangement on the top and G.I. watering pipe 20mm dia 2.7 metre long etc. (but without charcoal or coke and salt) complete as required	each	3.00	16341.00	49023
532	37.5	Add extra for using salt and charcoal/coke for G.I. plate or copper plate earth electrode as required including excavation and refilling the pit in all type of soil, murrum	each	6.00	1655.00	9930
533	37.9	Supply and laying 25mm X 5mm G.I. strip at 0.5 metre below ground level as strip earth electrode including jointing etc. as required.	metre	18.00	130.00	2340
534	37.11	Providing and fixing 25mm X 5mm copper strip in 40 mm dia G.I. Pipe from earth electrode as required	metre	18.00	1490.00	26820
535	41.5.1.1	Brass compression gland Supplying and fixing heavy duty cable gland for P.V.C. insulated armoured cable with brass washer, rubber ring complete erected with cable and lead connection etc. as per specification complete. Gland size 22mm suitable for cable 2,3,3½ & 4 x upto 6 sq. mm	each	8.00	79.00	632

S.NO.	SOR ITEMS	DISCRPTION	UNIT	QTY	RATE	AMOUNT
536	41.6.1	Supplying and fixing ferrules as per IS - specification suitable for following size of cable for circuit identification including connection as required complete 2.5 to 6.00 sq. mm	each	26.00	3.00	78
537	41.7.1	Supplying and fixing crimping type alum. lugs as per I.S.S. specification suitable for following size of cable with alu./copper solid/stranded conductor evenly crimped with high/pressure tool and connected to switch gear/bus/M.C.C.B./M.C.B. etc. as required complete. 6mm to 16 sq. mm	each	24.00	8.00	192
538	42.2.1	Supply of support for overhead line RS joist of I.S. standard including drilling of required hole etc. complete as required. R.S. Joist 175x90 - 19.3 kg/metre	metre	22.00	1467.00	32274
539	42.2.6	Supply of support for overhead line RS joist of I.S. standard including drilling of required hole etc. complete as required. H - Beam 152x152mm, Std weight 37.1 Kg/Mtr	metre	132.00	2843.00	375276
540	34.4.2	Primer coat over new steel & other metallic surface with red oxide/zinc chromide paint complete with material,labour including preparation of surface	sqm	140.00	76.00	10640
541	34.4.3	Prima coat with aluminium paint, brushing complete with material and labour including preparation of surface	sqm	140.00	96.00	13440
542	42.4.2	Supplying for prestressed cement concrete (PCC) pole confirming to IS:785 at work site including required transportation. PCC pole 9.1 m long, 280 Kg	each	8.00	5099.00	40792
543	42.21	Erection of R.C.C./P.C.C. pole of length 8m but not exceeding 11 m in brick ballast & ramming the foundation including excavation & refilling etc. as required.	each	8.00	2282.00	18256
544	42.5.3	Supplying and drawing all aluminium alloy conductor (AAAC) of approved make conforming to IS 398-1979 Pt. IV, including binding at existing insulator, jointing, jumpering, tearing off, connecting etc. as required including clearing of obstacles (if any) AAAC 0.075 sq inch (80 sq.mm AL. EQ.)- (Raccoon)	KM	2.98	79735.00	237610
545	42.9	Supplying and drawing guard wire/earth wire/bearer wire 13 sq mm (4mm. dia) G.I. including stringing, binding at existing insulators or brackets, jointing, jumpering, connecting & cradle etc. as required and clearing of obstacles (if any)	KM	0.60	15675.00	9405
546	42.19	Erection of RS Joist pole/'H' beam/steel tubular/steel rail pole of length exceeding 7 metres but not exceeding 10 metres in cement concrete M-10 (1 cement:3 core sand: 6 graded stone aggregate 40mm nominal size) base, foundation, muffing including excavation and back refilling etc. as required.	each	2.00	4074.00	8148
547	42.20	Erection of RS Joist pole/'H' beam/steel tubular/steel rail pole of length exceeding 10 metres but not exceeding 13 metres in cement concrete M-10 (1 cement:3 core sand: 6 graded stone aggregate 40mm nominal size) base, foundation, muffing including excavation and back refilling etc. as required.	each	12.00	5289.00	63468
548	42.26	Supplying and erection of stay set complete (galvanized) 19mm. dia x 1.8 metre long stay rod anchor plate of size 300 mm x 300 mm x7.5mm thimble stay clamp, turn buckle (19mm dia x 600mm), 7/4.00mm dia G.I. stay wire etc. in cement concrete M 10 (1 Cement: 3 Coarse sand: 6 graded stone aggregate 40mm nominal size) foundation including excavation and refilling etc. as required.	each	12.00	4600.00	55200
549	42.42	Supply, fabrication and erection of angle/channel/flat iron fitting for overhead line & sub-station etc such as 'D' bracket, cross arms, top clamp, 'V' cross arms, back/support clamp or other similar work etc. including nut bolts of required size, making holes, fabrication, welding, cutting, etc. and painting with one coat of red oxide paint & two coat of aluminium paint as required as per specification.	Kg	1575.00	105.00	165375
550	42.52	Supplying and erection of 11KV (5 KN) polymer pin insulator complete with long steel head G.I. pin, nut, washer etc. as required.	each	54.00	402.00	21708
551	42.53	Supplying and erection of 11KV (45 KN) Polymer disc insulator for 11KV overhead lines with galvanized insulator fittings, ball and socket type, and complete with galvanized strain clamp, bolts, nuts washer etc. as required.	each	6.00	502.00	3012

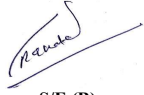
S.NO.	SOR ITEMS	DISCRPTION	UNIT	QTY	RATE	AMOUNT
552	42.58	Supplying and erection of single piece nonlinear resistor type lighting arrester (set of 3 nos) for 3 wire, 11KV overhead lines/sub-station with rated voltage of 9KV (rms) with a nominal discharge current rating of 5 KA and complete with galvanized clamping arrangement, G.I. bolts, nuts, washer etc. as required.	Set	1.00	3832.00	3832
553	42.62.1	Supplying installing, testing & commissioning of outdoor H.T., AB switch assembly set gang operated with brass contact parts, including required GI pipe operating rod, handle & locking arrangement on On- Off position conforming to IS complete with required material and installing on existing DP structure to complete the job as required as per specification.(Set of 3 nos.) 11 KV, 400Amp	Set	1.00	8989.00	8989
554	42.63.1	Supplying installing, testing & commissioning D.O. fuse assembly with brass part contact for 33 or 11/0.4 KV DP Structure set of 3 Nos. with fuse barrel i/c required fuse element & other materials as per specification on existing D.P. structure as required. 11KV	Set	1.00	4721.00	4721
555	42.67	Supply & fixing anti climbing device with 2 ply G.I. barbed wire 1 Kg. per pole complete as per MPMKVVCO. Specification.	each	18.00	231.00	4158
556	42.68	Supply, laying and fixing of G.I. earth coil of 4mm dia G.I. wire having 120 turns of nearly 50mm dia. and 3 mt. long tail in existing pit duly earthed with pole etc complete as required as per specification.	each	20.07	293.00	5880
557	42.69	Supplying and fixing 33/11/0.4 KV enamel coated danger board size 200x250mm with clamp on existing HT/LT structure/poles.	each	18.00	205.00	3690
558	42.70.3.3	Supplying, installing, testing and commissioning of 11/0.4 KV 3 Phase 50 cycle oil immersed, naturally cooled, outdoor type transformer connected delta on H.T. side and star on L.T. side, dehydrating silica gel breather on eye level, rating and diagram plate, two earthing terminal, lifting lugs, oil level gauge, drain valve with plug, temperature not exceeding 50°C on load, oil filling hole with plug, four unidirectional roller, arcing horns, explosion vent, terminal arrangement bushing on H.V. side and cable box on LV side, first filling of oil upto desired level and transformer installing on existing structure with all required materials arrangement as required ISI marked & as per IS specification, hand operated off load tap changer switch above 100 KVA, oil conservator with drain valve, plug 63 KVA and above. Energy efficiency level -3 Aluminium wound 100 KVA	each	1.00	348160.00	348160
559	42.75	Supply & fixing fencing of chain link mesh 100 x 100 mm, 12 SWG GI wire for for D.P. structure electric sub-station switch yard including single post of angle iron size 50x50x5mm, 2.5 mt long should be provided upto 2.00 mt. apart or as required. The panel frame with required angle iron/ flat iron members/cross members including mesh welded in frame panel shall be erected between the posts. The angle iron post shall be erected in cement concrete M-15 (1:2:4) (20 mm graded metal) foundation, including excavation of pit and refilling the same. The fencing shall be provided with one entrance gate including locking arrangement as required as per specification. The height of fencing shall be 2 mt. above ground level. Fencing shall be painted with required shade.	sqm	9.00	1821.00	16389
560	26.28.4	Supplying & fixing of fire extinguisher/refills as per IS specification ABC type duly refilled 6 Kg & ready to use	each	34.00	4629.00	157386
561	42.77.5	4 buckets set with sand, self-supported M.S. stand i/c shed duly painted with red colour as per IS.	each	20.00	5089.00	101780
562	42.77	Supply of rubber mat 2 x 1.0Mtr, 1100V tested	each	8.00	1913.00	15304
563	42.78	Supply of hand gloves 11KV tested	each	1.00	1077.00	1077
564	42.80	Supply of fiber discharge rod I/C connection copper lead tested	each	1.00	4042.00	4042
565	42.81	Supply of fiber D.O operating rod for 11/33KV tested	each	1.00	3854.00	3854
566	42.82	Supply of first aid box complete with medicine & bandage as per specification.	set	24.00	1646.00	39504
567	42.83	Supply of shock instruction chart duly framed with glass, as reqd.	each	10.00	539.00	5390
568	42.88.3	Collection and spreading of metal dust, murum and 40mm graded hard metal in sub-station yard or as required as mentioned below - Metal 40 mm	Cum	3.00	1478.00	4434

S.NO.	SOR ITEMS	DISCRPTION	UNIT	QTY	RATE	AMOUNT
569	42.90.2.5	Supplying & drawing/laying of PVC insulated XLPE aerial bunch power cable conductor H2/H4 grade aluminium solid/stranded conforming to IS-14255-1995, alu. alloy insulated messenger 1100 volts grade cable of approved make in air with necessary material as per specification of required size as mentioned below – Single core cable(insulated neutral messenger) 3x95 sq.mm, 1x16(st. light), 1x50(insulated neutral messenger)	Per Metre	150.00	647.00	97050
570	42.91	Supplying & fixing of aerial bunch cable accessories suspension clamp i/c required attachment for single core cable of approved make on pole with clamp, necessary material as per specification for required size.	each	6.00	427.00	2562
571	42.92	Supplying & fixing of aerial bunch cable accessories tension clamp (dead end) i/c required attachment for single core cable of approved make in air with clamp, necessary material as per specification for required size.	each	4.00	446.00	1784
572	42.93.1	Supplying & fixing of waterproof insulation piercing connector for aerial bunch cable i/c required attachment for single core cable of approved make in air with necessary material as per specification of required size as mentioned below – Main:16-95sq.mm, tap:1.5-50sq.mm	each	24.00	172.00	4128
573	42.94.2.1	Supplying & fixing of spring loaded busbar screwless connector with enclosure of approved make including required clamp, nut, bolt, connection, testing as per specification to complete the job. Three Phase 3Ph, 1In+2Out	each	6.00	4746.00	28476
574	42.116	Supply, installation, testing & commissioning of LT trivector energy meter, DLMS compliant category-A (for substation/feeder metering), 3 phase 4 wire, 440 Volts, 5 Amp, accuracy class 0.5S with GSM(GPRS compatible) modem suitable for required C.T. 5A duly tested from electricity board with uPVC box .	each	1.00	14882.00	14882
575	31.13.3	Supply and fixing street light with high power LED of 3 to 6 Watt each on existing bracket assembled on single MCPCB and additional unique peanut lens on each LED, system lumens output with efficacy>120 lm/Watt. luminaire having color temp upto 6500K & 50000 hrs. burning life with minimum @ L 70, The colour rendering index of LED light should be more than 70. Luminaire comprises of driver, PF> 0.95 & surge protection 10KV. Housing made of pressure die cast aluminium with heat resistant flat glass, IP65 protection. Submission LM 79-08/IS16106 (2012), IEC60598, IEC61347 i/c connection wire, testing etc. to complete the job. 90Watt, color temp 3000-6500k as required.	each	35.00	14173.00	496055
576	41.1.10.2	Supply of XLPE insulated power cable (conforming IS-7098 Part-I) 1100 Volt grade, 1 core/2 core/3½ core/4 core ISI marked with alu. stranded /solid conductor 4 core armoured 10 sq. mm.	metre	546.00	181.00	98826
577	41.5.1.2	Brass compression gland Supplying and fixing heavy duty cable gland for P.V.C. insulated armoured cable with brass washer, rubber ring complete erected with cable and lead connection etc. as per specification complete. Gland size 22mm suitable for cable 2/3, 3½, 2/4 x 10 sq. mm or 2x 16 sq. mm	each	16.00	97.00	1552
578	41.6.2	Supplying and fixing ferrules as per IS - specification suitable for following size of cable for circuit identification including connection as required complete For conductor size- 10.00 sq. mm	each	46.00	4.00	184
579	41.8.2.1	Supplying & fixing pin terminal lugs as per ISS specification suitable for cable evenly cramped with high pressure tool & connection to switch gear terminal as required complete.Copper lugs pin type Upto 16 sq. mm conductor size	each	38.00	30.00	1140
580	41.15.1	Laying of one number armoured / unarmoured power cable 1.1KV grade of size not exceeding 25 sq. mm direct in ground including excavation in all soil/ murrum /soft rock, sand cushioning, protective covering and refilling the pit etc. as required.	metre	524.00	230.00	120520
581	42.16	Supplying and fixing of MCB/Connector mounting Corrosion proof mild steel DIN Rail of thickness 2.5mm to 4mm in existing box as required as per specification:	Per Metre	4.00	107.00	428
582	42.17.2	Supply and fixing of single pole connector DIN Rail mounted Insulating body made from Polyamide 6.6 conforms to UL 94 standard, IEC 60947-7-1, 1000Volt in existing box as required as per specification: Suitable for 6sqmm-16sq mm cable	each	12.00	68.00	816

S.NO.	SOR ITEMS	DISCRPTION	UNIT	QTY	RATE	AMOUNT
583	42.98.5	Providing and erection of hot dipped galvanized octagonal poles in single section made from 3mm thick sheet having lockable weather proof flush door junction box, suitable size & type of foundation bolts 4 nos. 'J' type (EN8 grade) complete, erected in an approved manner on provided foundation. 7 meter height, 130 X 70mm A/F, 220x220x12mm base plate, 4 nos. X 20 x 700mm bolt	each	25.00	9863.00	246575
584	42.102	Providing and fixing of Fiber Glass Reinforced Polymer (FRP)/Glass Reinforced Polymer (GRP) pole Single arm bracket duly painted of required shade upto 1.5 meter long.	each	20.00	3689.00	73780
585	42.103	Providing and fixing of Fiber Glass Reinforced Polymer (FRP)/Glass Reinforced Polymer (GRP) pole Double arm bracket duly painted of required shade upto 1.5 meter long.	each	5.00	4292.00	21460
586	42.99	Providing and fixing of bakelite sheet 10mm thick, one MCB 6Amp-32Amp SP & 16sq.mm stud type 4 way epoxy connector for decorative designer poles /octagonal pole box.	each	25.00	323.00	8075
587	52.3.1	Astro time switch – For lights on-off based on sunrise and sunset timing Supply, installation, testing and commissioning of astro-time switch based on astro program i.e. calculation of sunrise and sunset times through date, time and Indian PIN codes. It shall have an option of astro ON period override by time switch and Offset function which allows programming of switching times offset from the astronomic time. The 230 V AC operated astro time switch shall have an operating range of 96...253V AC with 1 NO, 16 A, AgSnO2 contact material with starting current of 120A and 1 CO cadmium free contacts, it shall have LCD status indication with back light display along with internal easily replaceable battery on the front side for set-up and programming. The electrical life at rated load AC1 shall be 1 lakh cycles and shall work at an ambient temperature of -20 to +50 deg C. It shall have a dielectric strength between supply and open contacts of 4000V AC, between open contacts 1000V AC respectively and rated impulse voltage	each	1.00	9524.00	9524
588	52.6.1	Modular contactor for the lighting feeder panel Supply, installation, testing and commissioning of 25A rating four pole contactor, designed specific contact material AgSnO2 for lamp loads and AC load for high starting current. It shall work at an ambient temperature of -20 to +50 deg C and auto-On Off selector version. It shall have 3 Kv short circuit protections. The mounting shall be on 35 mm DIN rail (EN 60715)	each	1.00	4181.00	4181
589	52.7.1.3	Supply, installation, testing and commissioning of SOVP device should have single high capacity varistor in the L-N plug and encapsulated spark gap for N-PE. L-N SOVP should have a rated voltage of minimum 320VAC to handle Indian power supply conditions. SOVP should have visual indication on replaceable varistor and spark gap modules as well as a potential free contact on the socket for remote indication. SOVP device should be wired up as per TT configuration of wiring in accordance with EN 61643-11 standards. Both the L-N and N- PE, SPDs should be rated for handling 30KA of nominal 8/20 µs surge current. SOVP for pole light - Type 2 pluggable SPD 1+1, rating L-N/N-PE Uc 230/400 V In 5 KA, Imax 10 KA, Up 1.2KV.	each	1.00	4534.00	4534
590	54.5.1	2MP IP varifocal MFZ dome camera Supply, Installation testing and commissioning of the IP dome camera shall be equipped with a 1/2.8 2 MP progressive scan CMOS imager to capture full HD 1080p (25/30 fps) images, a 2.8 -12 mm varifocal lens, and a waterproof (IP66) enclosure. As a true day/night solution, the camera shall use smart IR technology and provide up to 98 ft (30 m) of IR illumination. The camera shall accept PoE (802.3af) or 12 V DC power input. min. illumination:- 0.1 lux @F1.2, AGC ON, 0 lux with IR video compression :- H.264, noise reduction: 3DNR,backlight compensation :- BLC/HLC/DWDR, encode mode:- CBR/VBR (freely adjustable in CBR, 5 levels in VBR).	each	36.00	16280.00	586080

S.NO.	SOR ITEMS	DISCRPTION	UNIT	QTY	RATE	AMOUNT
591	54.23.1	Supply, Installation testing and commissioning of 32 channel NVR With 1080p real-time live view H.265/H.264 MJPEG dual codec decoding up to 12 MP resolution preview & playback max 320 MBPS incoming bandwidth support 8 SATA HDDs up to 64TB, supports fisheye video de-warping in local and web user interface, supports visual or auditory notifications(a flashing light, bell, or siren) complete with UL certification	each	1.00	140084.00	140084
592	57.2.1	Supply,installation,testing & commissioning of LED Television 4 K LED Display O.S. webs/Android or equivalent,minimum 50 HZ refresh rate min 20 W speaker,Wifi/bluetooth enabled,minimum 2 HDMI & 1 USB port i/c remote & wall/table top accessories 32 "	each	3.00	20257.00	60771
593	38.17.1	Supply, installation testing and commissioning of wall mounting rack, for computer switches/Patch Panel etc complete as mentioned below :- 6U cabinet with min. Dimensions 366X600X600, wall mounting with 6 point 5 Amp. socket power supply strip, and fan, cable manager, tray as per Site requirement	each	2.00	9753.00	19506
594	38.10	Supply, Installation testing and commissioning RJ - 45 Computer Jack cat 6 with shutter Modular (2Module)	each	24.00	689.00	16536
595	38.12	Suppling and drawing 4 pair shielded twisted pair(STP), 0.5 mm PVC.Insulated copper conductor un-armoured Cat-6 computer cable FR inexisting surface/ concealed ,steel / PVC. Conduit/Casing-N-Capping as required.	metre	376.00	104.00	39104
596	16.1.2	Supplying and fixing PVC conduit ISI marked along with the accessories in concealed system etc. as required PVC Conduit 25 mm (HMS)	metre	364.00	74.00	26936
597	46.11.2.3	SPLIT AC (INVERTER MODEL) :- Supply installation testing and commissioning of Split type wall mounted Air Conditioning unit of following capacity including indoor. outdoor unit fitted with inverter based rotary compressor, copper condensor and first charge refrigerant R410A, The condensing unit working range should be capable for providing cooling between +/-5deg.0 to 50 deg C & heating with in 0 deg.0 to 15 deg.0 including connection of copper pipe of required size upto 3 mtr., insulation, cordless remote control. auto air swing louvers, wall stand for out door unit, conection copper lead wire, condensed water outlet pipe 2 mtr.complete etc as required Outdoor / Indoor units should be of same make (Brand) SPLIT AC (INVERTER MODEL,Cooling only) :- 46.11.2.3 1.5 TR Star Rating 3 Star	each	4.00	46000.00	184000
598	55.1.3	Supply,installation,testing & commissioning of flat plate collector solar water heating system having water circulation natural thermo syphon suitable for inlet water with chloride hardness upto 600 ppm comprising of copper collector box coated with aluminium outer casing,absorber coating with chrome selective coating header & riser electrolytic copper tube OD 24.7/12.7 mm with special type groove & embossing including absorber fins,riser tubes with four brass flanges 62 mm outer diameter Aluminium housing frame 2094x1018x90 mm,overall area 2.13 sq mm polyster powder coating ,reflector sheet highly reflective thin aluminium foil. Gaskets & grommets EPDM rubber suitable for high temperature,nut bolts & screws stainless steel confirming to MNRE guidelines for 500 Ltr capacity	each	2.00	121889.00	243778
599	57.2.4	Supply,installation,testing & commissioning of LED Television 4 K LED Display O.S. webs/Android or equivalent,minimum 50 HZ refresh rate min 20 W speaker,Wifi/bluetooth enabled,minimum 2 HDMI & 1 USB port i/c remote & wall/table top accessories 55 "	each	2.00	50997.00	101994
600	57.1.6	Supply,installation,testing & commissioning of refrigerator minimum 3 star rating,smart inverter compressor,single/multy door with base stand/drawer & other material etc as required,warranty minimum 1 year comprehensive warranty on complete product & a 10 year warranty on the compressor 700 Ltr capacity	each	2.00	146034.00	292068
601	57.3.3	Supply, installation, testing & commissioning of Water Cooler with Eco Friendly Refrigerant, IN-SITU PUF Insulation, Anti-corrosive Pre-coated Body with storage of required capacity 80 Ltr	each	6.00	97575.00	585450

S.NO.	SOR ITEMS	DISCRIPTION	UNIT	QTY	RATE	AMOUNT
602	57.4	Supply, installation, testing & commissioning of Domestic water purifier RO+UV+MTDS Plant with sediment filtration having minimum purifying capacity of 50LPH per hour. Suitable for reducing hardness, TDS, heavy metal contaminants, and pathogenic micro organism, operating input voltage 230V AC/50 Hz	each	6.00	74520.00	447120
				TOTAL (ELECTRICAL)		14140173
				TOTAL (CIVIL+ELECTRICAL)		120602209
					SAY	1206.02



S/E (B)
PWD DHAR



A.E. (B)
PWD DHAR



E.E. (B)
PWD DHAR