

Item Number (upto 200 characters)	Item Description	Quantity (only figures)	UNIT (upto 50 characters)	Tender Rate (Upto 2 Decimals)	Amount (Upto 2 Decimals)
1	Demolition including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift. (i) R.C.C. work	102.30	Cu.m	1,110.75	113623.92
2	Demolition of Brick work and stone masonry including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.(ii) In Cement Mortar.	100.00	Cu.m	577.92	57792.20
3	Demolition of Partation including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.(ii) In Cement Mortar.	148.79	Sqmt	326.03	48508.08
4	Dismantling tiled of Stone Floor laid in Mortar including stacking of serviceable Material and disposal of unserviceable material with all lead and lifts - Tile Flooring/Dedo	100.00	Sqmt	50.11	5010.61
5	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	304.44	Cu.m	123.13	37485.58
6	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	304.44	Cu.m	136.47	41547.46
7	Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	109.81	Cu.m	149.65	16433.81
8	Add extra for Disposing off the excavated stuff of above items for lead of (A) 50 m to 100	10.00	Cu.m	17.45	174.53
9	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each disposed layer by ramming and watering.	850.00	Cu.m	136.92	116378.26
10	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc.complete.	800.00	Cu.m	301.78	241422.32
11	Boring holes 3.5 m deep in ordinary soil (for cast in situ piles) and getting out the soil and disposal of the surplus excavated soil as directed within a lead of 50 Meter for following diameter of pipes.(ii) 250 mm	6.00	Each	1,335.62	8013.74
12	Extra for under reaming inside the bore Holes for under reamed piles of following Diameter.(ii) 250mm	6.00	Each	534.25	3205.50
13	Add to or deduct from the rate for Bore Holes of 3.5 m Depth, if bore holes are made deeper or shallower than 3.5M. for Piles of following diameter.(ii) 250 mm	6.00	Each	498.63	2991.76
14	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	10.00	Cu.m	212.52	2,125.24

15	Excavation for foundation from 1.5m to 3.0m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	10.00	Cu.m	295.10	2,951.02
16	Providing and Filling Rubble including hand packing and filling intersects with quarry spells complete for all lift and lead	142.39	Cu.m	812.05	1,15,624.40
17	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings, Base of columns and Mass concrete	32.39	Cu.m	3,958.25	1,28,218.50
18	Providing and laying in position Ready Mixed M300 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead upto 10kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer- in- charge. Without FlyAsh (Min. cement level as per latest IS456 shall be maintained) (Cement level 475 kg)	385.31	Cu.m	5,213.52	20,08,820.22
19	Providing TMT Bar FE 500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level	39325.43	Kg	77.29	30,39,273.57
20	Extra for additional lift of reinforcing steel for all R.C.C. work above floor two level. (Avg Rate from 2nd Floor to Top Floor)	5898.81	Kg	1.05	6,196.11
21	Extra for additional lift of concrete for all R.C.C. work above floor two level excluding cost of reinforcement (Avg Cost)	77.06	Cu.m	40.96	3,156.11
22	Providing and laying in position Ready Mixed M250 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead upto 10kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer- in- charge. Without FlyAsh (Min. cement level as per latest IS456 shall be maintained) (Cement level 475 kg)	87.10	Cu.m	5,021.52	4,37,383.56
23	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4M. and removal of the same for in situ reinforced concrete and plain concrete work in. (A) Foundations Footings Bases of Columns etc. and Mass concrete.	210.96	Sqm	183.73	38,758.57

24	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4M.and removal of the same for in situ reinforced concrete and plain concretework in. (B)Flat surfaces such as soffits of supspened floors slabs Landing sand the like. (1) Floors etc. upto 200 mm in thickness	976.87	Sqm	268.92	2,62,701.51
25	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4M. and removal of the same for in situ reinforced concrete and plain concrete work in. (C) Vertical surface such as walls (any thickness) partitions and the like including attached buttresses & string course & the like.	10.00	Sqm	245.54	2,455.41
26	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4M. and removal of the same for in situ reinforced concrete and plain concrete work in. (G) Columns Pillars Posts and struts. (1) Square Rectangular Polygonal in plan	532.28	Sqm	320.70	1,70,698.52
27	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4M.and removal of the same for in situ reinforced concrete and plain concrete work in. (H) (1) Sides and soffits of Beams Beam Haunchings cantilevers Girders Bressumers and Lintels not exceeding 1M.in Depth	1057.97	Sqm	207.12	2,19,127.34
28	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4M. and removal of the same for in situ reinforced concrete and plain concrete work in.(I) Edges of slabs and Breaksin floors and walls.	146.53	Sqm	73.67	10,794.78
29	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4M. and removal of the same for in situ reinforced concrete and plain concretework in. (M) Staircase with sloping or stepped soffits including risers and stringers excluding landing.	63.15	Sqm	260.57	16,456.03
30	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth inCement Mortar 1:5. (1- Cement : 5-fine sand) (B) Conventional	58.73	Cu.m	4,245.09	2,49,330.83
31	Extra for brickwork in superstructure above plinth level upto floor two level (B) Conventional	257.87	Cu.m	288.72	74,452.96
32	Extra for brickwork in superstructure above floor two level Item No. 1(6.12) (B) Conventional	35.77	Per Floor Per Cu.m	42.43	1,517.85
33	(i) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1 Cement : 4-coarse sand) in foundation and plinth (B) Conventional	185.92	Sqm	629.84	1,17,099.80

34	Extra for half brickmasonry in superstructure above plinth level upto floor two level. (B)Conventional	185.92	Sqm	55.99	10,410.54
35	Extra for half brickmasonry in superstructure above floor two level. (B) Conventional	30.00	Sqm	6.30	189.07
36	Providing 10mm thick cement plaster in single coat on brick/ concrete walls for interior plastering upto floor two level and finished even and smooth in (ii) Cement mortar 1:4 (1-cement :4-sand)	1896.91	Sqm	133.14	2,52,550.62
37	Providing 15mm thick cement plaster in single coat on Rough (Similar) side of single or halfbrick walls for interior plastering upto floor two level and finished even and smooth in (ii) Cement mortar 1:4 (1-cement :4-sand)	1075.10	Sqm	177.05	1,90,349.94
38	Providing 20mm thick double coat mala cement plaster on interior brick / concrete work for plastering comprising of base coat of 12mm thick cement plaster in cement mortar (1Cement : 4 coarse sand) in rough finishing and 8mm thick top coat of cement mortar 1:2(1Cement :2Coarse sand) finished with trowel including scaffolding curing etc. complete.	1818.82	Sqm	286.10	5,20,369.80
39	Extraover items for interior plastering above floor two level for every additional storey height. (1) Single coat plaster	100.00	Sqm x no of Floor	24.56	2,456.32
40	Extraover items for plastering above floor two level for every additional storey height. (1) Double coat plaster	100.00	Sqm x no of Floor	28.06	2,805.78
41	Providing and fixing 60mm diameter back up rod having minimum density 22kg per cum(ASTM 3575 & compression strength of 0.40 kg per sqm (ASTM- 5249) and finishing with polysulphide sealantetc.complete.For 50mm wide expansion joint	24.00	Rmt	53.30	1,279.14
42	Providing and Fixing rebar of following diameter using chemical Grout of Swancho/Hilti/Fischers or Equivalent Make Including cost of all equipment, tools, materials, labours etc. , Standard Procedure as mentioned in manufactures Specifications shall be strictly followed , Which shall be submitted and got approved from the authority prior to start of work. The Rate shall also include cost of drilling of hole of required diameter and depth as mentioned in manufacturer's specification, cleaning the hole with required air blower and other necessary tools and tackles, positioning, providing and grouting chemical, allied fixture and fastners etc. but excluding the cost of reinforcing bars etc. complete item includes necessary scaffolding, staging, labour, tools and equipments etc. complete as directed by the Engineer in charges 8mm	200.00	Nos	80.00	16000.00
43	10mm	50.00	Nos	90.00	4500.00
44	12mm	50.00	Nos	125.00	6250.00
45	16mm	50.00	Nos	190.00	9500.00
46	Providing and laying in foundation and plinth /under floors lime concrete with hand broken stone aggregates 40mm nominal size and 40% mortar comprising of 1-Lime putty : 2-Fine sand and curing complete excluding cost of formwork.	19.48	Cu.m	2,981.09	58062.98

47	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily. Size of Tiles: 600 x 1200 - Basic Rate 476 Rs/Sqmt	928.51	Sqmt	1,592.92	1479046.13
48	Providing and layingVitrified tiles 8 to10mm thick , 24" x24" in flooring, treads of steps and landing laid on a bed of 12mm thick cement mortar1:3 (1-cement : 3-coarsesand) finishing with flush pointing in white cement. (Basic Rate 366/Sqmt) - Toilet Area	34.10	Sqmt	754.47	25727.43
49	Providing and laying Vitrified tiles 8 to 10 mm thick , 24" x 24" in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3coarse sand) and jointed with white cement slurry(Basic Rate 366/Sqmt) - Passage Area Skirting	55.30	Sqmt	796.89	44070.01
50	Providing and laying Vitrified tiles 8 to 10 mm thick , 24" x 24" in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3coarse sand) and jointed with white cement slurry(Basic Rate 366/Sqmt) - Toilet Wall cladding	186.29	Sqm	796.89	148454.79
51	Providing and laying granite Slab 18mm Thick in Flooring, Treads of Steps and landing laid on bed of 20mm Thick cement mortar 1:6 (1 Cement : 6 Coarse Sand) or Lime Mortar 1: 1.5 Laid and finished with flush Pointing in white or colour cement including rubbing and Polishing complete. Basic Rate Rs1590/Sqmt	96.00	Sqm	2,404.00	230784.00
52	Constructing a cooking platform 60 cm. width and 70 cm high resting on B.B.Masonry walls 23 cm.thick in C.M.(1:6) with (ii) Fixing black kadappa stone 30mm thick laid on precast R.C.C. (1:2:4) slab with plastering on exposed faces of wall in C.M. (1:4) etc complete.	5.00	Rmt	2,668.09	13340.45
53	Providing and laying granite slab 18mm Thick in Window-Door Seal frame etc Laid on 10mm thick Cement mortar 1:4 (1 Cement: 4 Coarse sand) and finished with flush pointing in white or colour cement including rubbing and polising Comp. (Basic Rate Rs 1200/Sqmt)	162.03	Sqm	1,979.60	320763.30
54	Providing and fixing of 35mm Thick Flush Door solid Double Core type both face waterproof ply Vennered and 1.5mm thick laminate shall be pasted on both side with adhesive as specified by the manufacturees. The Laminate shall be as per approved shade and texture of make incl. Sal wood frame of finished size 12cm x 7cm Inc. SS hinges with nessary scerew and Anodixed aluminum fixtures and fastening for all Floor	2.92	Sqm	3,345.12	9758.38
55	Providing and fixing of 35mm Thick Flush Door solid Double Core type both face waterproof ply Vennered and 1.5mm thick laminate shall be pasted on both side with adhesive as specified by the manufacturees. The Laminate shall be as per approved shade and texture of make incl. Sal wood frame of finished size 12cm x 7cm Inc. SS hinges with nessary scerew and Anodixed aluminum fixtures and fastening for all Floor - Without Frames	52.12	Sqm	2,323.00	121076.25

56	Providing and fixing of 35mm Thick Flush Door solid Double Core type both face waterproof ply Vennered and 1.5mm thick laminate shall be pasted on one side with adhesive and ACP on Other Side as specified by the manufacturees. The Laminate shall be as per approved shade and texture of make incl. Sal wood frame of finished size 12cm x 7cm Inc. SS hinges with nessary scerew and Anodixed aluminum fixtures and fastening for all Floor - Without Frames	27.00	Sqm	2,323.00	62721.00
57	Providing and fixing 35mm Dia SS Pipe Rod Support at 1 mtr c/c with Top Railing of 50mm Dia Top Bar complete in all aspects	36.00	Rmt	2,204.77	79371.66
58	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr /10 sqm	4,781.98	Sqmt	195.64	935532.65
59	Extra over for painting of approved brand on ceilings and sloping roofs.	1,573.22	Sqmt	5.69	8945.82
60	Finishing walls with Textured exterior paints of required shade: New Work(Two or More Coats applied @3.27 ltr/10 Sqm) over and included priming coat of exterior primer applied @2.2 kg/10 Sqm	2,504.38	Sqmt	228.09	571236.03
61	Providing and fixing of 18mm Granite shevlves fixed on Wall with dhar polish and complete in all aspects with all lift and lead	10.00	Sqmt	1,515.00	15150.00
62	Providing and fixing of 35mm x 35mm Alumnium Box fins with Gapping of 35mm fixed with side support with all lift and lead complete at all level for covering the ducts from outside	54.00	Sqmt	2,391.76	129155.08
63	Providing and fixing window having extruded aluminumColour anodized section frame main outer size127mmx 38.10mmx 1.35mm@wt.1.384kg/m, horizontal Four track member size 122.20mm x 31.75mm x 1.10mm@wt 1.205 kg/m, vertical member of size 122.20mm x 31.75mmx1.50mm@1.398 kg/mt with sliding shutters of horizontal member size 40mmx18mm x1.29mm@0.456kg/mt , vertical member of size 40mm x 18mm x 1.29mm @ 0.456kg/mt with 5mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window.	97.42	Sqm	2,140.33	208502.52

64	Providing and laying intergral cement based water proofing treatemnt including prepartation of surface as requirird for treatment of roof, balcony, terrace etc. consisting of following operations (a) Apply and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conformint to IS 2645 over the RCC slab including cleaining the surfae before treatemnt (b) laying cement concrete using broken brickbats 25mm to 100mm size with 50% of cement mortoar 1:5 admixed with water proofing compound conforming to IS2645 brickbats is finally covered by jointless cement plaster 20mm thick in CM 1:4 added with special waterproofing compound to IS 2645 and top smooth finished with trowel wiht false chequered marking of 300 mm size. The Tratement is carried along the vertical surface of the paraper and other adjoining wall upto ht of about 300mm in a shape of quater round vata incl. curing etc. complete with avg. thickness of 120mm and minimum thickness at khurra as 65mm (c) the whole terrace so finished shall be flooded with water for a min. period of two weeks of curing and for final test. all above orperton to be down in order as directed and specified by the EIC with Avg. thickness of 120mm and min. thickness at khurra as 65mm	468.23	Sqm	524.19	245441.48
65	Providing and laying Granite slab 18mm Thick in flooring, Treads of Steps and landing laid on bed of 20mm Thick cement mortar 1:6 (1 Cement : 6 Coarse Sand) or Lime Mortar 1: 1.5 Laid and finished with flush Pointing in white or colour cement including rubbing and polishing complete (Basic Rate: - Rs1590/SM	165.00	Sqmt	2,428.04	400626.60
66	Providing and laying Granite slab 18mm Thick in skirting, riser or steps laid on 10mm thick cement cement mortar 1:6 (1 Cement : 6 Coarse Sand) or Lime Mortar 1: 1.5 Laid and finished with flush Pointing in white or colour cement including rubbing and polishing complete (Basic Rate: -Rs1590/SM	22.20	Sqmt	2,470.46	54844.21
67	Providing and laying Parking tiles 16 mm thick , 24" x 24" in floor with 10mm thick cement plaster 1:3 (1-cement : 3coarse sand) and jointed with white cement slurry	597.39	Sqm	1,006.97	601553.81
68	Providing and Fixing of MS Structure Fabricated with Standard Section (MS Channel - Angle) including welding, cutting, drilling, etc. Comp. with fasteneers and U Bolts etc. Completed UOM price oer KG Make - Jindal/Asian	1,000.00	KG	121.20	121200.00
69	Partition Works - Partial Glass and Partial Laminated Providing and fixing of Par Laminated partiton with 8mm Fluted Glass complete with Aluminum framing of 2" x 1" pipe at 600 x 600 c/c with laminate of Basic rate 2000 Rs/Sheet complete with all hardware and fitting and labour with Support at top and bottom	469.00	Sqm	6,323.85	2965885.65
70	Providing & fixing JK make polyyster ACOUSTIC penal (2440 X 1220) 10 mm thick. 2000 gm/ sqm. 100% polyyster fiber material NRC VALUE 0.6, with Groove as per design of architect & make base of wall / ceiling by gyprock or oman make wall pop 12 mm thickness with line leval & verticality as per design of architect &/or as per istruction of engineer.	225.00	Sqm	2,000.00	450000.00

71	Providing and Fixing 15 mm thick densified tegular edged eco friendly light weight calcium silicate false ceiling tiles of approved texture of size 595 x 595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanised steel sections (galvanising @ 120 grams per sqm including both side) consisting of main 'T' runner suitably spaced at joints to get required length and of size 24x38 mm made from 0.33 mm thick (minimum) sheet, spaced 1200 mm centre to centre, and cross "T" of size 24x28 mm made out of 0.33 mm (Minimum) sheet, 1200 mm long spaced between main'T' at 600 mm centre to centre to form a grid of 1200x600 mm and secondary cross 'T' of length 600 mm and size 24 x28 mm made of 0.33 mm thick (Minimum) sheet to be inter locked at middle of the 1200x 600 mm panel to form grid of size 600x600 mm, resting on periphery walls /partitions on a Perimeter wall angle pre-coated steel of size(24x24X3000 mm made of 0.40 mm thick (minimum) sheet with the help of rawl plugs at 450 mm centre to centre with 25 mm long dry wall screws @ 230 mm interval and laying 15 mm thick densified edges calicum silicate ceiling tiles of approved texture in the grid, including, cutting/ making opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc., wherever required. Main 'T' runners to be suspended from ceiling using G.I. slotted cleats of size 25x35x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm G.I. adjustable rods with galvanised steel level clips of size 85 x 30 x 0.8 mm, spaced at 1200 mm centre to centre along main 'T', bottom exposed with 24 mm of all Tsections shall be pre-painted with polyster baked paint, for all heights, as per specifications, drawings and as directed by Engineer-in-Charge	541.00	Sqm	2,179.73	1179234.74
72	Pro. And fixing single layer water proof gypsum board 12.5 mm thick sections using water proof board of size 1220 mm x 1830 mm x 8.0 mm suspended by GI suspender channel of size 25 mm x 3 mm with intermediate channel og size 18 mm x 40 mm x 0.8 mm at 1220 mm center to center ceiling section of size 40 mm x 35 mm x 0.55 mm at 457 mm c/c and perimeter channel A of size 20mm x 27 mm x 30 mm x 0.5 mm at edges & drops incl.paper tap sand sofit cleat, anchor fastener,scoch bolt connecting cleat, joining compound top coat on ceiling incl.making necy.opening for light fitting,diffuser etc. comp. as per detail drawing as directed	250.00	Sqm	606.95	151737.35
73	Providing interlocking type rubber moulded cement concrete paver block of approved shape, design and colour having 60mm thickness (M35) purchased from SMC apporved paver block manufacture only and fixing of fine sand bedding item inculudes leveling by using vibratory plates compacted machine. Item als includes all material, labour equipments tools, Plants, watering,cleaning etc. complete (With Colour)	680.49	Sqm	431.27	293474.92
74	Providing 100mm Thick Reeady made CC kerb of Strenght M-20(Size 300 x 380mm) Purchased from SMC approved paver block manufacture and setting in Line, level and in trully Vertical Postion including filling joints in CM 1:1 (1 part fo Cmenet : 1 par tof Stone dust) Smooth pointing in CM 1:1 (1 Part of Cement : 1 Part of Coarse Sand) Including watereing etc., Complete and as directed by eingineer in Charge	250.00	Rmt	236.00	59000.00
75	Removing of existing Paver block and R+B76:B90efixing of the same with all complete in all aspects	200.00	Sqm	141.00	28200.00

76	FURNILO Executive Table with Pedestal / Side Storage Unit	1.00	Nos	95,852.00	95852.00
77	crystal furnitech Revolving Chair with Center tilt mechanism crystal furnitechR	1.00	Nos	67,000.00	67000.00
78	R. L. G Garg Furniture Revolving Chair with Knee tilt mechanism	40.00	Nos	2,000.00	80000.00
79	AFFIL 5 Seater Sofa With Leatherite Cover	1.00	Nos	1,39,000.00	139000.00
80	OFFICE FURNITURE--HANS FABRICATORS Seat only Chair Count 3	18.00	Nos	50,000.00	900000.00
81	Metafurn Executive Table	19.00	Nos	90,000.00	1710000.00
82	Kiara Revolving Chair with Synchronic tilt mechanism	19.00	Nos	2,000.00	38000.00
83	SHIVAM AGENCIES Magnetic Green Dry Erase Writing board of dimensions (in mm) 1200 x 3000	5.00	Nos	25,000.00	125000.00
84	PEWI Wooden Podium design Gable end and modesty panel and top material Teak wood	5.00	Nos	3,599.00	17995.00
85	VAIBHAVI Desk and Bench (Separate) for Age Group 3 TO 4 and 4 TO 6 and 6 TO 9 and 9 TO 12 and 12+ for 2 Seater	120.00	Nos	27,000.00	3240000.00
86	KOMA Modular Extendable Conference Table Prelam Particle Board (both sides) Table Top Wooden/Engineer Wood Understructure Understructure	1.00	Nos	2,40,000.00	240000.00
87	GLAM DECOR Revolving Chair with Center tilt mechanism	19.00	Nos	80,000.00	1520000.00
88	RV COLLECTION Executive Table	1.00	Nos	15,000.00	15000.00
89	ROYAL STEEL & IRON FURNITURE INDUSTRIES Modular Table with Particle Board Table Top and Wooden/Engineer Wood Understructure	2.00	Nos	73,150.00	146300.00
90	PROGRACE Chair Frame type Legs Full Writing pad Studs	80.00	Nos	13,000.00	1040000.00
91	Point wiring for Light / Bell with 2-1.5 sq.mm & earth wire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multi strand copper wires up to 10 mtr length , in below type of pipe erected with 6A Modular type switch / bell push & accessories and earth continuity of following type, erected on PVC / Metallic/Wooden box, single mounting base frame covered with textured/metallic/white front plate modules erected on / in wall / ceiling as per pipe erected, with necessary Lamp holder/ceiling rose / H.D.Connector as directed. (a) with medium class Rigid PVC pipe and accessories erected flushed on wall/ceiling complete cat-III	1.00	Pt.	419.15	419.15
92	(c) with oval conduit /PVC casing capping double lock type erected flushed on wall/ceiling complete cat-III	1.00	Pt.	380.77	380.77
93	(d) partial PVC pipe and drops in oval conduit / PVC casing capping erected flushed on wall/ceiling complete cat-III	1.00	Pt.	359.56	359.56
94	(e) in existing pipe erected flushed on wall/ceiling complete cat-III	1.00	Pt.	350.47	350.47
95	(f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete cat-III	110.00	Pt.	449.45	49439.50
96	(j) in existing pipe erected concealed in wall/ceiling complete cat-III	1.00	Pt.	378.75	378.75

97	Point wiring for Tissino / Modular secondary light point with 2-1.5 sq.mm & earth wire of 1.5 sq.mm (green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multi strand copper wires, in below type of pipe to be erected complete with earth continuity and necessary connection with primary light with accessories erected on Metal / PVC / wooden box covered with 3 mm thick PC(Polycarbonate) / Acrylic sheet for open / concealed wiring. with necessary Lamp holder / ceiling rose / H.D.Connector as directed. Note:- Maximum up to 6 mtrs length, excess will be considered as Mains for Secondary Point. (a) with medium class Rigid PVC pipe and accessories erected flushed on wall/ceiling complete .	1.00	Pt.	122.21	122.21
98	(c) with oval conduit /PVC casing capping double lock type erected flushed on wall/ceiling complete.	1.00	Pt.	102.01	102.01
99	(d) partial PVC pipe and drops in oval conduit / PVC casing capping erected flushed on wall/ceiling complete.	1.00	Pt.	112.11	112.11
100	(e) in existing pipe erected flushed on wall/ceiling complete.	1.00	Pt.	76.76	76.76
101	(f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete.	220.00	Pt.	151.50	33330.00
102	(j) in existing pipe erected concealed in wall/ceiling complete.	1.00	Pt.	106.05	106.05
103	Point wiring for FAN with 2-1.5 sq.mm & earth wire of 1.5 sq.mm (Green) both are of .ISI marked 1.1 KV Grade FRLS PVC insulated multi strand copper wires up to 10 mtr length, in below type of pipe erected with 6A Modular type switch and hum free EME step type electronic fan regulator mounted and accessories with earth continuity of following type erected on PVC / Metallic/Wooden box, single mounting base frame covered with textured/metallic/white front plate modules erected on / in wall / ceiling as per pipe erected. with necessary ceiling rose / H.D.Connector as directed. (a) with medium class Rigid PVC pipe and accessories erected flushed on wall/ceiling complete cat-III	1.00	Pt.	598.93	598.93
104	(c) with oval conduit /PVC casing capping double lock type erected flushed on wall/ceiling complete cat-III	1.00	Pt.	560.55	560.55
105	(d) partial PVC pipe and drops in oval conduit / PVC casing capping erected flushed on wall/ceiling complete cat-III	1.00	Pt.	539.34	539.34
106	(e) in existing pipe erected flushed on wall/ceiling complete cat-III	1.00	Pt.	489.85	489.85
107	(f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete cat-III	100.00	Pt.	629.23	62923.00
108	(j) in existing pipe erected concealed in wall/ceiling complete cat-III	1.00	Pt.	518.13	518.13
109	Point wiring for Individual Plug with & earth wire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multi strand copper wires up to 10 mtr length, in below type of pipe erected complete with Modular type switch & 5 pin Plug erected on PVC / Metallic/Wooden box covered with appropriate front plate modules erected on / in wall / ceiling as per pipe erected with following type of accessories. [I] For 6A Plug and 6 a switch with 2-1.5 sq.mm Cu. Wire from nearby switchboard/mcb db board. (a) with medium class Rigid PVC pipe and accessories erected flushed on wall/ceiling complete cat-III	1.00	Pt.	445.41	445.41

110	(c) with oval conduit /PVC casing capping double lock type erected flushed on wall/ceiling complete cat-III	1.00	Pt.	405.01	405.01
111	(e) in existing pipe erected flushed on wall/ceiling complete cat-III	1.00	Pt.	364.61	364.61
112	(f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete cat-III	10.00	Pt.	473.69	4736.90
113	(j) in existing pipe erected concealed in wall/ceiling complete cat-III	1.00	Pt.	394.91	394.91
114	[II] For 16A Plug and 16 amp switch with 2-2.5 sq.mm Cu. Wire from mcb db board. (a) with medium class Rigid PVC pipe and accessories erected flushed on wall/ceiling complete cat-III	1.00	Pt.	669.63	669.63
115	(c) with oval conduit /PVC casing capping double lock type erected flushed on wall/ceiling complete cat-III	1.00	Pt.	578.73	578.73
116	(e) in existing pipe erected flushed on wall/ceiling complete cat-III	1.00	Pt.	499.95	499.95
117	(f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete cat-III	5.00	Pt.	697.91	3489.55
118	(j) in existing pipe erected concealed in wall/ceiling complete cat-III	1.00	Pt.	530.25	530.25
119	[III] For 16A Plug and 16 amp switch with 2-4 sq.mm Cu. Wire with 2.5 sq.mm (green) earthing wire from mcb d b board. (a) with medium class Rigid PVC pipe and accessories erected flushed on wall/ceiling complete cat-III	1.00	Pt.	789.82	789.82
120	(c) with oval conduit /PVC casing capping double lock type erected flushed on wall/ceiling complete cat-III	1.00	Pt.	730.23	730.23
121	(e) in existing pipe erected flushed on wall/ceiling complete cat-III	1.00	Pt.	629.23	629.23
122	(f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete cat-III	7.00	Pt.	818.10	5726.70
123	(j) in existing pipe erected concealed in wall/ceiling complete cat-III	1.00	Pt.	657.51	657.51
124	Point wiring for on board Looped Plug with 6A Modular type switch & 5 pin socket erected on PVC / Metallic/Wooden box, single mounting base frame covered with textured / metallic/white front plate modules erected on / in wall / ceiling with following type accessories cat-III	55.00	Pt.	241.39	13276.45
125	Point wiring for Two Way Controlled Light Point with 2-1.5 sq.mm & earth wire of 1.5 sq.mm (green) both are of .ISI marked 1.1 KV grade FRLS PVC insulated multi strand copper wires erected in below type of pipe with 6A Modular type switches and following type of accessories erected on PVC / Metallic/Wooden box, single mounting base frame covered with textured / metallic/white front plate modules erected on / in wall / ceiling as per pipe erected. with necessary batten/angle holder or ceiling rose or H.D.Connector as directed. (a) with medium class Rigid PVC pipe and accessories erected flushed on wall/ceiling complete cat-III	1.00	Pt.	530.25	530.25
126	(c) with oval conduit /PVC casing capping double lock type erected flushed on wall/ceiling complete cat-III	1.00	Pt.	489.85	489.85
127	(d) partial PVC pipe and drops in oval conduit / PVC casing capping erected flushed on wall/ceiling complete cat-III	1.00	Pt.	460.56	460.56

128	(e) in existing pipe erected flushed on wall/ceiling complete cat-III	1.00	Pt.	449.45	449.45
129	(f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete cat-III	14.00	Pt.	560.55	7847.70
130	(j) in existing pipe erected concealed in wall/ceiling complete cat-III	1.00	Pt.	477.73	477.73
131	Providing following type of Modular Type Accessories mounted with PVC / metallic/Wooden box, single mounting base frame covered with textured / metallic/white front plate , modules erected with necessary connections as per site situation directed by Engineer In charge. (1)One No. SP 6 Amp.- Cat III	5.00	Ea.	144.43	722.15
132	(2) One No 5 pin plug - Cat III	5.00	Ea.	144.43	722.15
133	(3) Two Pin/RJ-11 Telephone Socket [A] For One Gang - Cat III	20.00	Ea.	153.52	3070.40
134	(4) TV Co-axial Socket outlet, Cat III	5.00	Ea.	153.52	767.60
135	(7) Blank Plate Single - Cat III	75.00	Ea.	24.24	1818.00
136	(8) Computer RJ-45 socket	29.00	Ea.	153.52	4452.08
137	(9) 16 Amp. SP one way switch - Cat III	5.00	Ea.	172.71	863.55
138	(10) 6/16Amp. Universal socket - Cat III	5.00	Ea.	190.89	954.45
139	(11) 6 Amps. Bell Push-Cat III	5.00	Ea.	144.43	722.15
140	(12) 6Amp. / 16 Amp. Two Way switch Cat III	5.00	Ea.	162.61	813.05
141	(16) 32 Amp. DP Main Switch Operating with Energy Key Tag Cat.III	2.00	Ea.	343.40	686.80
142	(20) Modular Buzzer Cat III	2.00	Ea.	143.42	286.84
143	(21) Foot Light as per colour requirement with concealed box, modular accessories, acrylic glass cover with suitable LED watt with all accessories as per following module. (a) Two modules Cat-III	2.00	Ea.	303.00	606.00
144	(b) Four modules Cat-III	2.00	Ea.	473.69	947.38
145	(24) Batten Holder/Angle Holder with modular frame with metal ring. Cat-III	2.00	Ea.	61.61	123.22
146	1Module size HDMI port	6.00	Ea.	1161.50	6969.00
147	Providing & erecting Switch board for Computer or electric apparatus consisting of following modular type accessories mounted with PVC / Metallic concealed/open box with single mounting base frame covered with textured/metallic /white front plate,modules erected with necessary connections as directed 1 no. 6A/16A universal plug-switch combined. 3 nos. 6A Switch 3 nos. 6A 5 pin Plug For Modular Type Accessories Cat III	27.00	Ea.	1081.71	29206.17
148	Providing & Erecting eight module pop up floor box/flushed with table surface Conform to IEC 60670-1, IEC 60670-23 & IEC 60884-1 with required items as demanded by engineer in charge with complete finishing .cat-III	2.00	Ea.	1474.60	2949.20
149	Providing and erecting ISI mark Medium class RIGID PVC PIPES of following size complete to be erected on/in wall or ceiling erected with necessary PVC fittings & Junction boxes fixed with adhesive solution & Clamps with following dia of pipes, in approved manner as directed. (a) 20 mm	10.00	Mtr.	23.23	232.30
150	(b) 25 mm	100.00	Mtr.	32.32	3232.00

151	(c) 32 mm	10.00	Mtr.	52.52	525.20
152	(d) 40 mm	5.00	Mtr.	64.64	323.20
153	Providing & erecting PVC Corrugated Flexible Conduit with required nos. of coupling, PVC bushes, Check-nuts etc. complete of following sizes. (a) 20 mm	80.00	Mtr.	16.16	1292.80
154	(b) 25 mm	10.00	Mtr.	20.20	202.00
155	(c) 32 mm	10.00	Mtr.	26.26	262.60
156	(d) 40 mm	10.00	Mtr.	35.35	353.50
157	Providing and erecting Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected concealed in /flushed on wall/ceiling, with 1.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size. (E) in existing pipe. (a) 2 wire 1.5 sq. mm	50.00	Mtr.	44.44	2222.00
158	(b) 2 wire 2.5 sq. mm	3025.00	Mtr.	59.59	180259.75
159	providing and erecting Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected in / on wall / ceiling with 2.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size. (E) in existing pipe. (a) 2 wire 4 sq. mm	220.00	Mtr.	82.82	18220.40
160	(b) 2 wire 6 sq. mm	10.00	Mtr.	116.15	1161.50
161	Supplying and erecting Flexible PVC insulated multi strand multi core 1.1 kv grade ISI marked copper wires of following size to be erected as directed. (e) 1.50 Sq.mm 3 core round PVC sheathed	10.00	Mtr.	44.44	444.40
162	(i) 2.50 Sq.mm 4 core round PVC sheathed	10.00	Mtr.	102.01	1020.10
163	Supplying & erecting Approved make call bell indicator with buzzing sound and Red light indicating lamp with Red light button to attend the call suitable for 240 v 50 c/s supply to be erected.	2.00	Ea.	142.41	284.82
164	Call bell / Buzzer,250 volts, complete erected.	2.00	Ea.	30.30	60.60
165	Providing Automatic staircase unit and Light Control switch with Photocell & solid state circuits with loading capacity up to 1000 Watt	2.00	Ea.	663.57	1327.14
166	Providing & erecting insulated socket 3P+N+E with Plug16A rating which is comprised of Four pole MCB slot and insulated socket IP40 cat-III	2.00	Ea.	1632.16	3264.32
167	Providing & erecting insulated socket 3P+N+E with Plug 32A rating which is comprised of Four pole MCB slot and insulated socket IP40 cat-III	2.00	Ea.	2094.74	4189.48
168	Supplying under floor pregalvanised corrosion proof rectangular sheet steel cable trunking of 1.6 mm thick having with stand point load up to 1.33 Ton & free from seepage of concrete of screed water with all accessories,Junction Box,Joints as required and demanded by engineer-incharge and laying/erecting as per OEM guidelines and as per instruction of engineer incharge having following size of dimensions and No of compartments (W x D x T) Cat-III. [3] 100mm x 25mm x 1.6 mm with one compartment	5.00	Mtr.	438.34	2191.70
169	[6] 300mm x 25mm x 1.6 mm with Three Compartments	5.00	Mtr.	1167.56	5837.80

170	Providing and erecting decorative wall bracket fittings complete with LED lamp and rust free fittings components mounted in chrome finish housing with holder ,clear/opaque glass diffuser complete erected with lead wires with minimum 15 wattage capacity as per instruction engineer incharge/architect/authority .cat-III	2.00	Ea.	1712.96	3425.92
171	Supplying decorative table lamp with LED lamps of suitable nos equivalent of 11 W light with flexible copper wire cord with plug top. Cat.III	2.00	Ea.	684.78	1369.56
172	Supplying & Fixing Jali cover suitable for T-5 / T-8 CFL tube indoor / outdoor fitting complete with necessary material. Jali cover shall be made from G.I. wire & end side plates of G.I. sheet 20 gauge with 13 con high safe suitable as fitting.	2.00	Ea.	129.28	258.56
173	Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/CRCA/ aluminium die cast powder coated and high U.V. & corrosion resistance with diffuser with company mark/name 160V to 270V, Power Factor more than 0.95, THD < 15%, CCT 3000 K to 6500K, Luminaire efficacy> 85 lumens/watt, LED driver efficiency > 85 % (fitting required LM-79 & LM-80 Certificates) (NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown.) (A) Tube Light with integral driver. (iii) 18-20 Watts, Surge - 2KV,IP-20, conventional 4 feet Cat-III	9.00	Ea.	295.93	2663.37
174	(v) 36-40 Watts, Surge-2 KV, IP-20, conventional 4 feet Cat-III	100.00	Ea.	535.30	53530.00
175	Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/CRCA/aluminium pressure die cast powder coated and high U.V. & corrosion resistance with diffuser housed in aluminium casted body with company mark/name 160V to 270V,Power Factor more than 0.95, THD < 15 %, CCT 3000 K to 6500K, Luminaire efficacy> 85 lumens/watt , LED driver efficiency > 85 % (A) Square/ Circular shaped Surface/Recessed Mount Downlight with provision for spring loaded mounting clips complete.IP20 (fitting required LM-79 & LM-80 Certificates) (NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown.) (i) 5-9 watts,Surge-2 KV Cat-III	80.00	Ea.	220.18	17614.40
176	(ii) 11-15 watts, Surge-2 KV	51.00	Ea.	427.23	21788.73
177	(B) LED Panel Light with provision for Plane front frame with translucent cover fixed to housing complete.IP20 (i) up to 8 Watts,4" x 4", Surge-2 KV Cat III	2.00	Ea.	273.71	547.42
178	(iii) 12-15 watts, 6" x 6", Surge-2 KV Cat III	2.00	Ea.	466.62	933.24
179	(iv) 18 to 20 watts, 8" x 8", Surge- 2 KV Cat III	2.00	Ea.	613.07	1226.14
180	(v) 24 watts, 12" x 12" , Surge-2 KV Cat III	10.00	Ea.	724.17	7241.70
181	(vi) 36 watts, 24" x 24", Surge- 2KV Cat III	73.00	Ea.	1794.77	131018.21
182	(D) LED Strip Light. (ii) Minimum 7.2W -240 LED per meter,(2 wire, IP-65) with non integral suitable Driver complete Cat-III	200.00	Mtr.	220.18	44036.00

183	(F) Spot Light 425 Lumens, Surge-2KV. (i) 3 to 7 Watts Cat-III	2.00	Ea.	813.05	1626.10
184	(G) Step Light having Aluminium die cast and ABS Plastic material. (i) 5 watts, Direct/Indirect luminaire Cat III	2.00	Ea.	573.68	1147.36
185	(H) Mirror Light 9 Watts, wall mounted minimum 1 feet long	4.00	Ea.	312.09	1248.36
186	(I) Adjustable spot light with COB led having aluminium reflector of following wattage. (ii) 12 Watts cat III	2.00	Ea.	966.57	1933.14
187	(iii) 15 Watts cat III	2.00	Ea.	1097.87	2195.74
188	Providing and erecting Approved make Four pole moulded case circuit breaker having breaking capacity ICU of 25 KA. at 415 V, having normal current rating up to 25 A to 100A. with Fixed thermal & magnetic release suitable to work on A.C. supply 50 c/s. with all internal connections, spreader tinned copper & complete erected in existing 16 G.M.S. housing. ICS=100% of ICU only Cat III	2.00	Ea.	6173.12	12346.24
189	providing and erecting Miniature circuit breaker single pole 6A to 25A suitable to operate on 240 V A.C. system and having breaking capacity 10 KA to be erected in existing box. confirming to IS 8828/1996 with ISI Mark Cat.III	84.00	Ea.	112.11	9417.24
190	Providing & erecting 240 V MCB double pole switch for motor & inductive load (C Curve) having 10 KA breaking capacity & confirms to IS : 8828 in existing box having following capacity. (A) 6 to 32 Amp. Cat.III	2.00	Ea.	299.97	599.94
191	(B) 40 Amp. Cat.III	2.00	Ea.	330.27	660.54
192	Providing & erecting 240 V MCB double pole switch for lighting Load (B Curve) having 10 KA breaking capacity & confirms to IS : 8828 in existing box having following capacity. (A) 6 to 32 Amp. Cat.III	2.00	Ea.	278.76	557.52
193	Providing & erecting 415 V MCB Four Pole for Motor & Inductive Load (C Curve) having 10KA breaking capacity & confirms to IS :8828 in existing box having following capacity. (A) 6 to 32 Amp. Cat.III	2.00	Ea.	595.90	1191.80
194	(b) 40 Amp. Cat.III	2.00	Ea.	668.62	1337.24
195	(c) 63 Amp. Cat.III	4.00	Ea.	737.30	2949.20
196	Providing & erecting 415 V MCB three Pole for Motor & Inductive Load (C Curve) having 10KA breaking capacity & confirms to IS :8828 in existing box having following capacity. (a) 6 to 32 Amp. Cat.III	2.00	Ea.	587.82	1175.64
197	(b)40 Amp. Cat.III	2.00	Ea.	647.41	1294.82
198	(c)63 Amp. Cat.III	2.00	Ea.	716.09	1432.18
199	Providing and erecting Sheet Steel powder coated MCB distribution board - flush / surface mounted fitted with busbar, neutral link, earth bar and DIN rail, Conforms to IS 8623-1 & 3, IEC 61439-1 & 3 without MCB to house appropriate nos. of MCBs.(The DBs should be used of same company of MCB to be used) suitable for (A) single phase incoming and horizontal single phase outgoing. (b) sheet steel double door (IP-43) (iii) 8 way	2.00	Ea.	1152.41	2304.82
200	(iv) 12 way	1.00	Ea.	1492.78	1492.78
201	(B) three phase incoming and single phase horizontal type outgoing Per phase isolation type (PPI) (b) sheet steel double door. (i) 4 way	1.00	Ea.	2,339.16	2339.16
202	(ii) 6 way	1.00	Ea.	2,913.85	2913.85
203	(iii) 8 way	4.00	Ea.	3,412.79	13651.16

204	(iv) 12 way	1.00	Ea.	3,874.36	3874.36
205	Providing and erecting Sheet Steel powder coated Vertical MCB distribution board (VTPN) - flush / surface mounted double door (IP54) fitted with copper insulated busbar, isolated neutral bar, earth bar and DIN rail, Conforms to IS 8623-1 & 3, IEC 61439-1 & 3, suitable for 63/100 AMP TPN MCCB + RCCB as incomer and three phase outgoing as per following .(The DBs should be used of same company of MCB to be used) (A) 4 way outgoing	1.00	Ea.	5,817.60	5817.60
206	(B) 6 way outgoing	1.00	Ea.	6,497.33	6497.33
207	(D) 12 way outgoing	1.00	Ea.	10,965.57	10965.57
208	providing and erecting Approved make RCCBs conforming to IS: 12640 and having sensitivity of 30 mA and Short Circuit withstand capacity of 10 KA and suitable for operation on single phase 240 V,50Hz. having characteristic of quick action & tripping with all advance feature & do not incorporate any electronic component. for following Max. rating erected as directed. (i) 25 Amps.DP Cat. III	1.00	Ea.	1969.50	1969.50
209	(ii) 40Amps. DP Cat. III	1.00	Ea.	2235.13	2235.13
210	(iii) 63 Amps. DP Cat. III	12.00	Ea.	2654.28	31851.36
211	Supplying & erecting approved make RCCB + MCB (Electro magnetic type only) working on residual current device having 10 KA short circuit breaking capacity and 30 mAmp. Sensitivity & 30 mili sec. tripping time conforming to IS 12640 test knob facility trip free mechanism operating for rated leakage at nominal ten volt, complete erected including all materials lugs screws etc. completed. [a] 6A / 10A / 16A / 20A / 25A 2 pole single phase. Cat. II	2.00	Ea.	1815.98	3631.96
212	[b] 32A / 40A, 2 pole Single Phase Cat. II	1.00	Ea.	1944.25	1944.25
213	Making trench in soft soil of suitable width of 90 cm deep for laying cable or locating the fault all over the run and back filling the same and making the surface as normal ground.	5.00	Mtr.	46.46	232.30
214	Making trench in Hard Murrum / Tar Road of suitable width of 90 cm or required depth for laying any size of cable or locating the fault all over the run and back filling the same and making the surface as normal ground.	5.00	Mtr.	62.62	313.10
215	(B) If additional machinery like hammer driller or JCB use [Add]	5.00	Mtr.	297.95	1489.75
216	Covering of cable with second class bricks or cement tiles laid cover the cable crosswise & also on both sides with covering of 7.5 Cm. layer of sand above & below cable (16 bricks per meter)	5.00	Mtr.	134.33	671.65
217	Drilling the road without breaking the road surface (Asphalt) for laying of cable for feeding power supply by making up to following size of holes at both ends complete. (A) Up to 100 mm bore dia	2.00	Mtr.	411.07	822.14
218	(B) Up to 150 mm bore dia	2.00	Mtr.	514.09	1028.18
219	Providing and erecting iron clad cable route marker duly marked with ELE.CABLE of size 23 cm.X 12 cm. Flushed with ground in cement foundation as directed by Engineer in charge.	10.00	Ea.	240.38	2403.80

220	Providing & laying approved make Double walled corrugated pipes (DWC) of polyethylene(conforming to IS 14930 II)with necessary connecting accessories of same material at required depth in existing trench for laying of cable. below ground / road surface for enclosing cable. (A) 50 mm outer dia	5.00	Mtr.	62.62	313.10
221	(D) 120 mm outer dia.	15.00	Mtr.	137.36	2060.40
222	Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables. (A) 3 1/2 core 25 Sq. mm (16 Sq. mm 1/2 core)	5.00	Mtr.	180.79	903.95
223	(D) 3 1/2 core 70 Sq. mm (35 Sq. mm 1/2 core)	5.00	Mtr.	372.69	1863.45
224	Providing and, fixing heavy duty flange type brass double compression type cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables. (A) 3 & 1/2 / 4 core 25 Sq. mm	2.00	Ea.	66.66	133.32
225	(C) 3 & 1/2 core 70 Sq. mm	2.00	Ea.	103.02	206.04
226	Supplying & erecting XLPE(IS:7098)(I)-88 ISI unarmoured copper cable 1.1 KV grade to be erected as directed of following size. (E) 3 core 2.5 Sq. mm	10.00	Mtr.	136.35	1363.50
227	(F) 3 core 4 Sq. mm	10.00	Mtr.	186.85	1868.50
228	(K) 4 core 4 Sq. mm	5.00	Mtr.	238.36	1191.80
229	(L) 4 core 6 Sq. mm	5.00	Mtr.	362.59	1812.95
230	(M) 4 core 10 Sq. mm	20.00	Mtr.	570.65	11413.00
231	Providing and, fixing heavy duty flange type brass cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables. (A) 2 to 4 core 2.5 / 4 Sq. mm	6.00	Ea.	33.33	199.98
232	(B) 2 to 4 core 6 Sq. mm	8.00	Ea.	38.38	307.04
233	(C) 2 to 4 core 10 Sq. mm	8.00	Ea.	38.38	307.04
234	Solder less crimping type Aluminium lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. (C) 16/25 Sq.mm.	8.00	Ea.	15.15	121.20
235	(E) 70 Sq.mm.	8.00	Ea.	25.25	202.00
236	Solder less crimping type Copper lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. (A) 1.5/2.5 to 6 Sq.mm	56.00	Ea.	8.08	452.48
237	(B) 10 Sq.mm	32.00	Ea.	10.10	323.20
238	Providing and fixing approved make Perforated C type cable tray. Made from pre- galvanized sheet steel. The cable tray should be bended as per IS 2062/1079 . with max 17.5% perforation with coupler plate / Fish plate and GI hardware like nut - bolt and washers etc. erected on existing support as per Specification and as per instruction of engineer in charge.. (2) 100 X 50 X 1.5 mm Thick	10.00	Rmt.	274.72	2747.20
239	(4) 200 X 50 X 1.5 mm Thick	10.00	Rmt.	381.78	3817.80
240	(6) 450 X 50 X 1.5 mm Thick	10.00	Rmt.	608.02	6080.20

241	Providing and fixing approved make 'T' Junction for Perforated C type cable tray. Made from pre galvanized sheet steel. The Junction should be bended as per IS 2062/1079. with max 17.5% perforation with coupler plate / Fish plate and GI hardware like nut - bolt and washers etc. erected on existing support as per Specification and as per instruction of engineer in charge.. 'T' Junction (2) 100 X 50 X 1.6 mm Thick 'T' Junction	5.00	Ea.	137.36	686.80
242	(4) 200 X 50 X 1.6 mm Thick 'T' Junction	5.00	Ea.	184.83	924.15
243	(6) 450 X 50 X 2.0 mm Thick 'T' Junction	5.00	Ea.	459.55	2297.75
244	Providing and fixing approved make '90° Elbow' for Perforated C type cable tray. Made from pre galvanized sheet steel. The Junction should be bended as per IS 2062/1079. with coupler plate / Fish plate and GI hardware like nut - bolt and washers etc. erected on existing support as per Specification and as per instruction of engineer in charge.. 90° Elbow. (2) 100 X 50 X 1.6 mm Thick 90° Elbow	5.00	Ea.	108.07	540.35
245	(4) 200 X 50 X 1.6 mm Thick 90° Elbow	5.00	Ea.	154.53	772.65
246	(6) 450 X 50 X 2.0 mm Thick 90° Elbow	5.00	Ea.	404.00	2020.00
247	Providing & erecting Approved make Ceiling Fan with double ball bearing with Condenser 230 volt A.C.50 Hz. 900 mm sweep complete having 3 Aluminium blades, canopy erected complete. [Make shall be approved by Engineer in Charge]	1.00	Ea.	1982.63	1982.63
248	Providing & erecting Approved make Ceiling Fan with double ball bearing ISI mark with Condenser 230 volt A.C.50 Hz 1200 mm sweep complete having 3 blades aluminium body and blade sets having ornamental design shanks , canopy erected with earthing. [Make shall be approved by Engineer in Charge]	100.00	Ea.	2311.89	231189.00
249	Supplying and erecting 19 / 20 mm. nominal bore Medium Class M.S. Pipe down rod erected duly painted for fan complete with proper insulation without leakage and earthing.	25.00	Mtr.	108.07	2701.75
250	Supplying & erecting fan hook box of 10 mm M.S. round bar bounded to the RCC bars up to 50mm length each side and pierced through a 16 Gauge M.S. box / Heavy Duty PVC box complete erected concealed in Ceiling with necessary finishing.	86.00	Ea.	108.07	9294.02
251	Providing 2.5mm.thick laminated acrylic sheet to cover the fan hook or Fan box.	86.00	Ea.	18.18	1563.48
252	Providing Fan clamp of 30 x 5 mm flat of required length & 10 mm M.S. Bolt & Nuts erected with necessary hook of 10 mm M.S. Round Bar.	13.00	Ea.	98.98	1286.74
253	Providing & erecting fresh air fan 250 mm dia with square frame make of ABS body with louvers	8.00	Ea.	1559.44	12475.52
254	Supplying & erecting approved make low noise decorative exhaust fan having square frame ABS body with inbuilt lowers & square frame. 250mm with 1350 RPM Cat.II	8.00	Ea.	1366.53	10932.24
255	Supplying & erecting single phase approved make industrial exhaust fan suitable for medium duty ring mounted low noise operation suitable for medium duty having following dia size and maximum speed in RPM. [A] 305 mm dia 900 RPM Cat.II	2.00	Ea.	2054.34	4108.68

256	Supplying & erecting earth pit of minimum bore dia.150mm size (Min. 600mm Depth) approved make Earthing Electrode consisting Pipe-in-Pipe Technology as per IS 3043-1987 made of corrosion free hot dipped G.I.Pipes having Outer pipe dia of 50mm having 80-200 Micron galvanising, Inner pipe dia of 25 mm having 200-250 Micron galvanising, connection terminal dia of 12mm with constant ohmic value surrounded by highly conductive compound with high charge dissipation suitable for following type of applications with chamber and heavy duty cover. (A)(approved make OEM has to submit test certificate including value of earth resistance of installation duly stamped and signed by agency and officer Incharge has to ensure the value of earthing resistane mentioned in test Certificate) & having back filling compound of (B) Inner chemical (CCM Compound)- Resistivity:- 0.2 ohm / meter testing as per IEC 62561-2017, Voltage drop:- < 1 volt at no load & dry form, Sulphar content:- <2%(C) Back fill Compound :- Earthing compound should be capable to retain moisture for long time Necessary test report must be submitted by Agency. (b)For Electrical installation up to 11 KV in normal soil. Length of Pipe : 2.00 mtrs Back filling Compound :1 no. Bag of 25 Kg.	5.00	Ea.	5760.03	28800.15
257	(c) For Electrical Installation covering Transformer Neutrals, Lightning arrester Earthing, A.C.Plant & Sensitive Computer System(like Automation, SCADA) i.e independent Earthing in normal soil. Length of Pipe : 3.00 mtrs Back filling Compound :2 nos Bags of 25 Kg.	2.00	Ea.	8636.51	17273.02
258	SITC of 14.2 mm dia 3 mtr long Earth electrode of High tensile steel electrode with 250 micron copper bonding & 1 bag of Carbon fill Based environment friendly backfill tested as per IEC 62561-7 in NABL accredited Laboratory and suitable stainless Steel double sided clamp. Eco Friendly rust proof heavy duty weather proof Polyethylene Earth Pit Chamber with following dimensions :254 mm dia (top), 330 mm dia (bottom) & 260 mm (height).	8.00	Per Set	5992.33	47938.64
259	Air-Terminal Supply, Installation, Testing & Commissioning of Early Streamer Emission (ESE) type lightning Air terminal. Supporting Mast The mounting pole used to support the lightning air terminal shall be minimum length of 02 Mtr. , non corrosive and made up of medium class GI / SS pipe of 1.5" diameter having base plate at bottom for securely fixing the mast on roof top. The mounting pole and supports shall be securely fixed with the brackets and PVC insulated metallic guy wires to withstand the maximum wind velocity of that area. Protection Radius :- 15 Mtr. (Minimum) Lightning Strike Counter Supply, Installation, Testing & Commissioning of non-electronic & nonresettable (Not require any external power supply) type lightning strike counter to count the lightning stroke having display with IP-67 enclosure including all accessories and connection..(6/7 digit) All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge.	2.00	Each	35483.80	70967.60

260	SITC of Galvanized Steel Flat 25x6 mm thickness from earth electrode directly in ground as required. Zinc coating: 500 g/m square (Approx:70 micron coating) tested and used exclusively for lightning protection earthing system and ring equipotential bonding.	50.00	Mtr.	154.53	7726.50
261	Providing and erecting required size HOT deep Galvanised iron strip for earthing of H.T. , OCB/ ACB/ Transformer LT panel board, Motors etc. using proper clamp.	10.00	Kg.	77.77	777.70
262	Providing and erecting required size Copper strip for earthing of H.T. OCB / ACB/ Transformer, LT panel board, Motors etc. using copper clamp.	10.00	Kg.	794.87	7948.70
263	Providing and erecting Annealed bare Copper wire 8 to 16 SWG.	20.00	Kg.	794.87	15897.40
264	Supplying and erecting approved make online Un-interruptible Power Supply system comprising flat cum-boost charger with IGBT base rectifier & Inverter & sealed maintenance free SMF batteries. The charger having operating capacity for input 160-270V AC & inverter having output 230V,50 Hz Ac with 0.8 load power factor with battery, over/under voltage output with over load & short circuit protection equipment. The system housed in CRC sheet duly powder coated paint with following power backup.with MS painted batteries stand, 10% Overload capacity for momentary load. (C) 3 KVA with 1Hr Backup	1.00	Ea.	69331.45	69331.45
265	(I) 10 KVA 3 - phase with 1Hr Backup	1.00	Ea.	226137.99	226137.99
266	[L]40 KVA 3 - phase with 1Hr Backup	1.00	Ea.	1048001.25	1048001.25
267	Supplying & erecting approved make Telephone Cable electrolytic copper conductor PE insulation twisted in two pairs, & wrapped with FRLS PVC tape & sheathed with FRLS PVC or HFFR outer Jacket suitable for telephone wiring & confirming to C-DOT erected in existing pipe. of following size of conductors & nos.of pairs. With necessary connections. [A] Conductor Size 0.5 mm. (a) Unarmoured. (1) One Pair	539.00	Mtr.	13.13	7077.07
268	(2) two Pair	10.00	Mtr.	19.19	191.90
269	(5) Ten Pairs	10.00	Mtr.	62.62	626.20
270	(6) Twenty Pairs	10.00	Mtr.	121.20	1212.00
271	Supplying & erecting approved make LAN cable of following size in existing pipe as per direction [C] CAT - 6	1155.00	Mtr.	45.45	52494.75
272	Providing & laying approved make Double walled corrugated pipes (DWC) of polyethylene(conforming to IS 14930 II)with necessary connecting accessories of same material at required depth in existing trench for laying of cable. below ground / road surface for enclosing cable. (A)50 mm outer dia	50.00	Mtr.	62.62	3131.00
273	Providing & erecting main Distribution (MDF) indoor type, back mounted frame as per DoT standard approved with krone strips. (a) Suitable for 10 pair	1.00	Ea.	949.40	949.40
274	(b) Suitable for 20 pair	1.00	Ea.	1311.99	1311.99

275	SITC of Digital / PCM / TDM EPABX System having SMT design, system with flexible universal slots. Inbuilt Auto attendant facility, Minimum 15 Nos. conference, Analog extension line, Calling GSM, E&M line, PRI / EI & VOIP program me through Analog telephone digital key from Ethernet, public address cord, shall have unrestricted simultaneous dialing facility, QSIG protocol on PRI, 95 / STD / ISD / Local-Locking, Class of Service, Quick Dial-Single Digit dialing of any two external number, Once only ring device, Chairman / Secretary - Do not disturb Facility, Power Down Mode, Hot Line, Hot Outward Dialing, Day Night Mode, Auto Call Back, Barge-in, Call Pick Up & Call Transfer, Call transfer while Ringing with Voice Guide System, (DISA), Caller ID (CLI), CLI Base ECF, CLI Base routing Internet Ready Port, External Music Port, Call Budgeting, Call Most Calculation (ASMDR), DID Direct Inverse Dialing, External Music Input, Fax Homing, Global Directory Printing with following capacities [[Approved by Competent Authority i.e. not Below the rank of Executive Engineer] [A] No of Extension 16, No of Junctions 6, 8 Port IP Resource in-built, 4 Port Web base Video Conferencing, No of expandable ports : 48, Operators Console - 01 Compatible : ISDN	1.00	Ea.	45398.49	45398.49
276	[B] No of Extension 24, No of Junctions 9, 8 Port IP Resource in-built, 4 Port Web base Video Conferencing, No of expandable ports : 96, Operators Console - 01 Compatible : ISDN	1.00	Ea.	51440.31	51440.31
277	[D] No of Extension 64, No of Junctions 12, 8 Port IP Resource in-built, 4 Port Web base Video Conferencing, No of expandable ports : 240, Operators Console - 01 Compatible : ISDN and Networking	1.00	Ea.	109743.57	109743.57
278	Providing and erecting add on Digital PRI T1E1 single card suitable for existing system of following ports suitable for 30 channel	1.00	Ea.	20338.37	20338.37
279	Providing and erecting Digital key phone (12-16 direct key)	1.00	Ea.	3955.16	3955.16
280	Providing and erecting IP Phone with display with all IP system supported	1.00	Ea.	5649.94	5649.94
281	Supplying & erecting push button type telephone instrument having speaker phone Caller ID & hands free dialing system & 30 memories with display system (a) Single line BEETEL/panasonic or equivalent make	20.00	Ea.	565.60	11312.00
282	SITC of 3LCD Lamp based projector having wxga (1280x800) or better resolution with minimum white brightness of 3800 lumens and color brightness of 3800 lumens. The projector should have minimum 1HDMI,1VGA input. Having contrast ratio of 15000:1 or more. the projector should have auto vertical key stone correction of +/- 30 degree and Manual Horizontal of +/-30 degree. the projector should have optical lens, throw ratio 1.30-1.56:1. Zoom Factor of 1.2. Lens focus Manual having focal length 16.9mm to 20.28mm. projector should have features like AV mute slide, quick corner and split function and should support wireless functionality with inbuilt wifi or wifi dongle. [Approved by Competent Authority i.e. not Below the rank of Executive Engineer]	5.00	Ea.	33895.60	169478.00

283	SITC of universal Projector mounting kit, with necessary grouting, fasteners etc. with adjustable height and suitable for all types of projectors. [Approved by Competent Authority i.e. not Below the rank of Executive Engineer]	5.00	Ea.	6848.81	34244.05
284	SITC of 100 inch (7 ft x 5 ft) Self Lock MW Instalock Slow Retraction Screen, Aspect Ratio-4:3 [Approved by Competent Authority i.e. not Below the rank of Executive Engineer]	5.00	Ea.	3810.73	19053.65
285	SETC of 4 MP IP BASED FIXED DOME CAMERA: Dome camera, 1/2.8" CMOS, F2.0, Fixed Iris, Digital WDR, 30m IR, 0.02Lux, 30fps, Fixed 2.8mm Lens, Built-in Mic, IP66, PoE, Metal+Plastic housing, Support tripwire and perimeter with Back box and mounting accessories	24.00	Ea.	6879.40	165105.60
286	SETC of 4 MP IP BASED FIXED BULLET CAMERA: Bullet camera, 1/2.8" CMOS, F2.0, Fixed Iris, Digital WDR, 50m IR, Fixed 4 mm Lens, 0.02Lux, 30fps, Built-in Mic, IP67, PoE, Metal+Plastic housing, Support tripwire and perimeter with Back box and mounting accessories	2.00	Ea.	6879.40	13758.80
287	SETC of Back Box for camera these boxes work great on concrete, CBS, metal, and wood structures. Besides being highly functional, these boxes provide a nice finished installation.	24.00	Ea.	667.90	16029.60
288	SETC of 24 Channel Network Video Recorder. 24-ch, 320Mbps/320Mbps, recording resolution up to 12MP, decoding ability 4*8MP, 16*1080p, 16*720p, video output: 2 HDMI & 2VGA non-simultaneous output, alarm I/O 16/4, USB interface: 1xUSB 3.0 2xUSB 2.0, RAID: JBOD, RAID0/1/5/6/10, ANR, N+M, Support 8 Sata, along with the Hard disk (for Recording 24 hour , 30 days)	1.00	Ea.	22591.20	22591.20
289	SETC of 64 Channel Network Video Recorder. 64-ch, 320Mbps/320Mbps, recording resolution up to 12MP, decoding ability 4*8MP, 16*1080p, 16*720p, video output: 2 HDMI & 2VGA non-simultaneous output, alarm I/O 16/4, USB interface: 1xUSB 3.0 2xUSB 2.0, RAID: JBOD, RAID0/1/5/6/10, ANR, N+M, Support 8 Sata, along with the Hard disk (for Recording 24 hour , 30 days)	1.00	Ea.	117415.00	117415.00
290	SETC of 5 MP motorized PTZ Outdoor Camera with video recording Resolution of 1080p and video recording Frame Rate 30fps. IP66 Waterproof Pan Tilt Speed Dome Home Surveillance Camera with Motion Detection Night Vision with Adapter.	2.00	Nos,	114224.80	228449.60
291	SITC of O. F. Cable 06F Outdoor - Armoured Unitube SM - HDPE Sheath [Approved by Competent Authority i.e. not Below the rank of Executive Engineer]	50.00	Mtr.	50.50	2525.00
292	SITC of LIU 12 PORT Rack Mount - Loaded (LC) SM [Approved by Competent Authority i.e. not Below the rank of Executive Engineer]	1.00	Ea.	6901.33	6901.33
293	SITC of PATCH CORD LC-LC SM DUPLEX LENGTH- 3m [Approved by Competent Authority i.e. not Below the rank of Executive Engineer]	6.00	Ea.	1901.83	11410.98
294	SITC of Face Plate - Single (Keystone Jack, square) [Approved by Competent Authority i.e. not Below the rank of Executive Engineer]	29.00	Ea.	90.90	2636.10
295	SITC of Jack Cat 6 Keystone UTP [Approved by Competent Authority i.e. not Below the rank of Executive Engineer]	6.00	Ea.	161.60	969.60

296	SITC of Patch Panel UTP Keystone- 24 Port- Unloaded (Cat 5e,Cat 6 & Cat 6 A) [Approved by Competent Authority i.e. not Below the rank of Executive Engineer]	1.00	Ea.	1499.85	1499.85
297	SITC of CAT6 UTP 24AWG PATCH CORD:1M,Plug 30U' Snag less [Approved by Competent Authority i.e. not Below the rank of Executive Engineer]	20.00	Mtr.	156.55	3131.00
298	SITC of 8 x 10/100/1000BASE-T PoE ports 2 x Gigabit SFP ports Advanced L2 switching and security features L2+ Static Routing Optional “standard mode” or “surveillance mode” management user interface 65W PoE budget [Approved by Competent Authority i.e. not Below the rank of Executive Engineer]	7.00	Ea.	18400.18	128801.26
299	SITC of 24 x 10/100/1000BASE-T ports 4 x Gigabit RJ45/SFP Combo ports Advanced L2 switching and security features L2+ Static Routing Optional “standard mode” or “surveillance mode” management user interface [Approved by Competent Authority i.e. not Below the rank of Executive Engineer]	1.00	Ea.	15399.47	15399.47
300	SITC of 24 x 10/100/1000BASE-T PoE ports 4 x Gigabit RJ45/SFP Combo ports Advanced L2 switching and security features L2+ Static Routing Optional “standard mode” or “surveillance mode” management user interface 193 W PoE budget [Approved by Competent Authority i.e. not Below the rank of Executive Engineer]	2.00	Ea.	31996.80	63993.60
301	Supply, Installation, Testing & Commissioning of 6U (460 X 600 X 600)MM wall mount Rear door Plain , vented at bottom fully and dual perforated, front door glass top and bottom covers with cable entry facilities with required accessories	1.00	Ea.	3600.70	3600.70
302	Supply, Installation, Testing & Commissioning of 9U (460 X 600 X 600)MM wall mount Rear door Plain , vented at bottom fully and dual perforated, front door glass top and bottom covers with cable entry facilities with required accessories	1.00	Ea.	4189.10	4189.10
303	Providing and erecting ISI mark Medium class RIGID PVC PIPES of following size complete to be erected on/in wall or ceiling erected with necessary PVC fittings & Junction boxes fixed with adhesive solution & Clamps with following dia of pipes, in approved manner as directed. (b) 25 mm	1124.00	Mtr.	32.32	36327.68
304	(c) 32 mm	337.00	Mtr.	52.52	17699.24
305	CCTV DISPLAY 43 inch Full HD LED TV, designed for CCTV (24X7 operation/ Commercial TV) 1920x1080 resolution or higher with wall mount kit and connecting accessories and HDMI cable 3 Mtr.	1.00	Ea.	2558.60	2558.60
306	SETC of Indoor WIFI access points	1.00	Ea.	13212.10	13212.10
307	SETC of outdoor WIFI access points	1.00	Ea.	17654.80	17654.80

308	SETC of Controller for wi-fi	1.00	Ea.	77779.80	77779.80
309	SITC & Programming of Wi-fi management software, allows for a total network transformation, network with real-time analytics, quickly detect and contain security threats, and easily provide networkwide consistency through automation and virtualization, and supports any leading enterprise architecture.	1.00	Ea.	206421.80	206421.80
310	Mounting structure if required for wi fi	1.00	Lot	2247.50	2247.50
311	Fire extinguisher - ABC powder type 6 Kg. Supply, installation and testing of ABC powder fire extinguisher necessary hardware and consumables. Stored pressure mechanism. Charged with MAP-50% (ABC) Dry powder. with wall mounting clamp. UOM - Price per each No. Make - Kanex / Safex / Secure Zone	4.00	Ea.	2000.00	8000.00
312	Fire extinguisher - CO2 Gas type 4.5 kg. Supply, installation and testing of CO2 Gas fire extinguisher with necessary hardware and consumables. Standard - Confirming to IS:15683-2006 with ISI mark. UOM - Price per each No. Make - Kanex / Safex / Secure Zone	4.00	Ea.	4200.00	16800.00
313	Supplying FIRE bucket round bottom of 9 ltr. capacity made out of 24 gauge G.I. sheet with extra handle at bottom duly painted white inside and Red out side with FIRE mark, filled with dry-sand and kept on existing stand provided or hung on wall hook.	4.00	Ea.	350.00	1400.00
314	Providing, Installation, Testing & Commissioning Fire Alarm MCP(Manual Call Point) Make: Ravel / Honeywell	2.00	Ea.	1085.58	2171.16
315	Providing, Installation, Testing & Commissioning Fire Alarm Hooter Make: Ravel	2.00	Ea.	1535.22	3070.44
316	Providing & Erecting XLPE (IS: 7098) (I)-88 ISI armoured cable multistrand copper conductor(3C x 2.5 Sq.mm FRLS) for 1.1 kV to be laid on the wall with necessary clamps or in exiting trench/pipe at road crossing or floor of following size of cable. Make: RR Kable	765.00	Mtr.	151.00	115515.00
317	Providing, Installation, Testing & Commissioning Metal Junction Box With Gland to install detector on ceiling & MCP Make: Ravel / Honeywell	2.00	Ea.	298.70	597.40
318	Fire Alarm Conventional Panel 8 Zone SITC of 08 Zone Fire Alarm Control Panel having 16 X 2 LCD display, Front Facia / LED's, Individual Zone Isolation, 2 Digital Inputs, Event Logging, Fire, Fault & Configurable Relay, Monitored NAC & Zone Circuits, IEC 62368-1:2018 & CE Certified, Panel should have One Man Walk Test Facility. Panel should have capacity to support upto 1 km Length for upto 20 Detectors per Zone, Auxillary Power Output & On board Memory Lock Switch. Make: Hochiki / Honeywell/ Ravel	1.00	Ea.	23197.64	23197.64
319	Providing, Installation, Testing & Commissioning Fire Smoke Detector Make: Hochiki / Honeywell	54.00	Ea.	3398.84	183537.36

320	Providing and fixing wash down water closet (European type, W.C. Pan) with integral P or S trap including jointing the trap with soil pipe in Cement Mortar 1:1 (1-Cement : 1-fine sand) (Seal and cover to be measured and paid for separately) (A) vitreous China Pattern :(i) in white colour	7.00	Each	1343.38	9403.66
321	Providing and fixing plastic seat and cover for wash down water closer with C.P. brass hinges and rubber buffers. (B) Black plastic seal and cover.	7.00	Each	288.45	2019.15
322	Providing & fixing Wash basin, at all floor levels,as under counter type in the granite slab and marble slab neatly according to the size of basin, complete as directed. The item includes waste coupling, drain drop connection to the floor trap, cutting holes & making good the same etc including cost of all material, labour charges, curing etc. complete as directed For all Floor Make: CERA/Jaquar/Hindware/Parryware.	5.00	Each	3051.00	15255.00
323	Providing & fixing Urinal or approved quality including connecting the Urinal with waste pipe, tap etc. complete. (A) White earthenware flat back or corner type size 430 mm x 260mm x 350mm	4.00	Each	2846.00	11384.00
324	Providing and fixing C.P. brass waste for washbasin or sink. (B) 40mm dia.	5.00	Each	88.94	444.70
325	Providing and fixing Rubber plug for sink or wash basin.	5.00	Each	16.98	84.90
326	Providing and fixing chromium plated brass half turn flush cock of approved quality including fixing in pipe line etc. complete. (iii) 25mm dia.	7.00	Each	261.16	1828.12
327	Providing and fixing screw down bib taps of following size.(B) Brass chromium plated screws down Bib Tap. (i) 15mm dia.	11.00	Each	184.98	2034.78
328	Providing & Fixing chromium plated brass half turn stop cock at all floor levels, of approved quality incl. fixing in pipe line etc. Comp.-- 25 mm dia.	4.00	Each	2580.00	10320.00
329	Prov.& Fixing Health Faucet of chrome finish with wall Hook and 1 Meter chrome plated Hose Pipe. Make: ALD-573 Jaquar	7.00	Each	1807.00	12649.00
330	Providing and fixing chromium plated, bottle trap with necessary couplings of approved quality for wash basin.	5.00	Each	292.87	1464.35
331	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or plywood sheet and fixing to wooden pluge with C.P. brass screws and washers.	5.00	Each	850.90	4254.50
332	Providing and fixing toilet paper holder. (A) C.P. Brass	7.00	Each	423.75	2966.25
333	Providing & Fixing floor drain trap with cover & deep seal p trap at all floor levels of the following nominal diameter of self cleaning design with C.I. screwed down or hinged grating incl. cost of cutting making good the walls & floors with jali & 50 mm Inlet Pipe & 75 mm outlet etc. for all Floor as directed/approved by consultants. Size - 110 mm x 75mm Trap Cover Make: CCR-SC-102 Camry P Trap: 110X75 mm Astral	11.00	Each	1666.00	18326.00

334	Providing & Fixing Urinal drain trap with cover & deep seal p trap at all floor levels of the following nominal diameter of self cleaning design with C.I. screwed down or hinged grating incl. cost of cutting making good the walls & floors with jali & 50 mm Inlet Pipe & 110 mm outlet etc. for all Floor as directed/approved by consultants.	2.00	Each	1549.00	3098.00
335	Soil Waste & Waste Water Pipe Providing & Fixing U-PVC pipe (SWR) confirming to IS no. 13592 (Type "B") for soil and waste discharge system at all floor levels incl. All fixtures like bends, tees, shoe etc. jointed with resin of approved brand & manufacture etc. comp. Make: Supreme/Astral/Finolex (A)75 mm dia	50.00	Rmt.	704.00	35200.00
336	Providing, laying and jointing in true line and level 110 diametre U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 110 mm diametre x 149 mm length x 145 mm heigh at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	24.00	Rmt.	869.87	20876.88
337	Basin & Urinal Outlet Waste Water Pipe Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Size: - 50 mm dia Make: Supreme/Astral/Finolex/Astor	10.00	Rmt.	405.00	4050.00
338	Vent/Rain Water Pipe Providing & fixing U-PVC pipes Confirming to IS no. 13592 (Type "A") for vent & rain water at all floor levels incl. fixtures like bends, tees, shoe etc jointed with resin of approved brand & manufacture etc. comp. Make: Supreme / Astral / Finolex / Astor (B)110mm dia	24.00	Rmt.	717.00	17208.00
339	Providing and fixing in position cowel went to pipes. (B) 75mm dia.	2.00	Each	385.88	771.76
340	Providing and fixing in position cowel went to pipes. (C) 100mm dia	5.00	Each	496.90	2484.50
341	Providing & fixing clamps with slotted base, U bolt & nut & washer Set for vertical pipes including the cost of cutting holes & making good the wall etc. Distance between two Clamps: 1 Mtr (A) 40 TO 65 mm Dia	20.00	Each	373.00	7460.00
342	(B) 75 mm Dia.	12.00	Each	380.00	4560.00
343	(C) 110 mm Dia.	30.00	Each	390.00	11700.00
344	Providing laying and jointing in true line and level 15mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as direced including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	30.00	Rmt.	71.93	2157.90

345	Providing laying and jointing in true line and level 20mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	29.00	Rmt.	80.93	2346.97
346	Providing laying and jointing in true line and level 25mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	50.00	Rmt.	90.93	4546.50
347	Providing laying and jointing in true line and level 32mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	45.00	Rmt.	117.97	5308.65
348	Providing laying and jointing in true line and level 40mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	15.00	Rmt.	146.65	2199.75
349	Providing laying and jointing in true line and level 50mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	55.00	Rmt.	193.73	10655.15
350	Providing and fixing gun metal non- return valve of approved quality (screwed end) : - 50 mm dia pipe Make: Zoloto/Normex/Audco	2.00	Each	4054.00	8108.00
351	Providing and fixing ball cock of approved quality as directed. (B) Abonite (ii) 50mm dia.	2.00	Each	136.52	273.04
352	Providing & Fixing of UPVC Ball Valve for isolation to toilet inlet line for all floor. Make: Supreme / Astral / Finolex / Astor - 32 mm dia	3.00	Each	1078.00	3234.00
353	- 40 mm dia	4.00	Each	2607.00	10428.00
354	- 50 mm dia	2.00	Each	3847.00	7694.00
355	Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight.(i) Square mouth traps. (B) 150mm x 100mm size P or R type	2.00	Each	1234.57	2469.14

356	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg/Cm ² in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm intenal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg.) (R.C.C. top slabe with 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete.(ii) Inside dimensions 500mm x 700 mm and 450mm deep for pipe line with one or two inlets.	6.00	Each	3624.51	21747.06
357	Providing laying (to level or slopes) and jointing reinforced concrete Light duty nonpressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete. (B) 150mm	9.00	Mtr.	254.64	2291.76
358	Providing laying (to level or slopes) and jointing reinforced concrete Light duty nonpressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete. (C) 250mm	42.00	Mtr.	356.28	14963.76
359	Providing erecting and fixing double coated ISI Over Head water tank of required capacity each with all necessary fittings and connection etc. complete on terrace. (4-Layer) Make: Sintex	7500.00	Ltr.	3.91	29325.00
360	Horizontal Monoblock Centrifugal Pump Head: 15 Metre Discharge: 250 LPM	1.00	Set	13379.00	13379.00
	TOTAL AMOUNT				34183668.72