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 materilas and disposal of unserviceable materials with all lead and lift. (i) R.C.C. work	1.00	Cu.m	1110.75	1110.75
2	Demolition of Brick work and stone masonry including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.(ii) In Cement Mortar.	1.00	Cu.m	577.92	577.92
3	Dismentaling tiled of Stone Floor laid in Mortar including stacking of servicable Masterial and disposal of unservicable material with all lead and lifts - Tile Flooring/Dedo	1.00	Sqmt	50.11	50.11
4	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	34.65	Cu.m	123.13	4266.42
5	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	34.65	Cu.m	136.47	4728.73
6	Add extra for Disposing off the excavated stuff of above items for lead of (A) 50 m to 100	1.00	Cu.m	17.45	17.45
7	Filling available excavated earth (excluding rock) in trenches. plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each disposited layer by ramming and watering.	51.98	Cu.m	136.92	7116.19
8	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc.complete.	18.59	Cu.m	301.78	5609.97
9	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	1.00	Each	1561.19	1561.19
10	Extra for under reaming inside the bore Holes for under reamed piles of following Diameter.(ii) 250mm	1.00	Each	664.51	664.51
11	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	1.00	Each	557.99	557.99

12	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	1.00	Cu.m	212.52	212.52
13	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	1.00	Cu.m	295.10	295.10
14	Providing and Filling Rubble including hand packing and filling intersects with quarry spells complete for all lift and lead	18.59	Cu.m	1075.45	19992.30
15	Providingand layingcontrolledcement 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	1.00	Cu.m	3958.25	3958.25
16	Providing TMT Bar FE 500D reinforcement for R.C.C.work including bending,binding and placing in position complete upto floor two level	5473.00	Kg	77.29	422981.90
17	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)	1.00	Kg	1.05	1.05
18	Extra foradditional liftof concrete for all R.C.C. work above floor two level excluding cost of reinforcment (Avg Cost)	1.00	Cu.m	39.64	39.64
19	Providing and laying in position Ready Mixed M250 grade concrete for reinforced cement conctere work , using cement content as per approved Design Mix manufactured in fully automatic batching plantand transported to site of work in transitmixer 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)	54.00	Cu.m	5021.52	271161.97

20	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.	29.70	Sqm	183.73	5456.75
21	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	87.00	Sqm	268.92	23396.27
22	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.	1.00	Sqm	245.54	245.54
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. (G) Columns Pillars Posts and struts. (1) Square Rectangular Polygonal in plan	41.04	Sqm	320.70	13161.33

24	Providing formwork ofordinary timber planking so as to give a rough finish including centering shuttering strutting andpropping 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	50.00	Sqm	207.12	10356.04
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.(I) Edges of slabs and Breaksin floors and walls.	10.00	Sqm	73.67	736.69
26	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	54.30	Cu.m	4245.09	230508.42
27	Extra for brickwork in superstructure above plinth level upto floor two level (B) Conventional	44.30	Cu.m	288.72	12790.23
28	(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	1.00	Sqm	629.84	629.84
29	Extra for half brickmasonry in superstructure above plinth level upto floor two level. (B)Conventional	1.00	Sqm	55.99	55.99
30	Providing 10mm thick cement plaster in single coat on brick/concretewalls for interior plastering upto floor two level and finished even and smooth in (ii) Cement mortar 1:4 (1-cement :4-sand)	1.00	Sqm	133.14	133.14
31	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)	80.82	Sqm	177.05	14310.30

32	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 trovel including scaffolding curing etc. complete.	190.62	Sqm	286.10	54536.00
34	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	500.00	KG	122.41	61206.00
35	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	95.82	Sqmt	1092.37	104675.89
36	Providing and laying Vitrified tiles 8 to 10 mm thick , 24'' x 24'' in skrting 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)	1.00	Sqmt	1135.75	1135.75
37	Providing and laying Vitrified tiles 8 to 10 mm thick , 24'' x 24'' in skrting 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) - Skirting	4.27	Sqm	1135.75	4847.69
38	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	5.00	Sqm	2428.04	12140.20
39	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)	21.00	Sqm	2046.26	42971.46

40	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 specifed 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	1.00	Sqm	3757.20	3757.20
41	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 specifed 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	1.00	Sqm	2545.20	2545.20
42	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 specifed 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	11.00	Sqm	2323.00	25553.00
43	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	11.00	Rmt	2204.77	24252.45
44	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	81.82	Sqmt	195.64	16007.99
45	Extra over for painting of approved brand on ceilings and sloping roofs.	1.00	Sqmt	5.69	5.69
46	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	190.62	Sqmt	228.09	43478.63

47	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 40mmx18mmx1.29mm@ 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.	24.00	Sqm	2140.33	51367.95
48	Providing and laying intergral cement based water proofing treatemnt including prepartation of surface as requrird 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 adjoinning wall upto ht of about 300mm in a shape of quater round vata incl. curing etc. complete with avg. thickness of 120mm and mininmum 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 orpertion to be down in order as directed and specified by the EIC with Avg. thickness of 120mm and min. thickness at khurra as	87.00	Sqm	516.11	44901.57
49	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	1.00	Sqmt	2428.04	2428.04

50	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	1.00	Sqmt	2470.46	2470.46
51	Providing corrugated G.I. sheet of class-3 roofing fixed with glavanished iron J or L Hooks, Bolts and nuts 8mm diameter with bitumen and G.I. limpet washer or G.I. limpet washer. filled with white lead complete excluding the cost of purlins, Rafters and Trusses.(1) 0.80 mm thick sheet.	25.00	Sqm	734.19	18354.73
52	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. (j) in existing pipe erected concealed in wall/ceiling complete cat.III	30.00	Point	375.72	11271.60
53	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. (j) in existing pipe erected concealed in wall/ceiling complete	10.00	Point	120.19	1201.90

54	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. [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. (e) in existing pipe erected concealed in wall/ceiling complete	3.00	Point	668.62	2005.86
55	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	8.00	Each	241.39	1931.12
56	(7) Blank Plate Single	8.00	Each	25.25	202.00
57	(9) 16 Amp. SP one way switch	3.00	Each	180.79	542.37
58	(10) 6/16Amp. Universal socket	6.00	Each	199.98	1199.88
59	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	400.00	Meter	33.33	13332.00
60	SETC of PVC Corrugated Flexible Conduit with required nos. of coupling, PVC bushes, Check-nuts etc. complete of following sizes. (2) 25 mm	20.00	Meter	21.21	424.20
61	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 (b) 2 wire 2.5 sq. mm	280.00	Meter	82.82	23189.60

62	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) 4 wire 6 sq. mm	147.00	Meter	260.58	38305.26
63	(i) 4 wire 10 sq. mm (use earth wire of 4 sq.mm)	80.00	Meter	425.21	34016.80
64	Providing and erecting Approved make Ceiling fan with double ball bearing ISI mark with condenser A.C. 23OV.50 c/s.1200 mm. sweep complete, canopy erected on existing hook or clamp with earthing. [Make shall be approved by Engineer in charge]	6.00	Each	1596.81	9580.86
65	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.	90.00	Meter	108.07	9726.30
66	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.	6.00	Each	98.98	593.88
67	Providing 2.5mm.thick laminated acrylic sheet to cover the fan hook or Fan box.	6.00	Each	18.18	109.08
68	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 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.) (v) 36-40 Watts, Surge-2 KV, IP-20, conventional 4 feet (Cat-lll)	34.00	Each	535.30	18200.20

69	Supplying and erecting LED street light / Flood light fittings with High power White LEDs wattage of 3 Watt and above assembled on single MCPCB, efficiency more than 130 lm/w and corrosion free High pressure die cast aluminium housing with smooth finish powder coated and heat sink extruded aluminium with diffuser and Polycarbonate optics/ lenses with company mark/name engraved or embossed 160 to 270 V,Power Factor more than 0.95, THD < 10 %, CCT 3000 K to 5700K,Uniformity ratio >0.45, Luminaire efficacy> 100 lumens/watt . LED driver efficiency > 85 %.(fittings 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.) (iii) above 24 to 36 watts CAT III	8.00	Each	2201.80	17614.40
70	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 (B) three phase incoming and single phase horizontal type outgoing Per phase isolation type (PPI) (a) Double door (IP-43) (ii) 6 way	4	Each	2272.50	9090.00
71	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	15.00	Each	112.11	1681.65
72	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 (b)40 Amp.(Cat.II)	15.00	Each	565.60	8484.00
73	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 II.	3.00	Each	253.51	760.53
74	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 (b)63 Amp. Cat. II	3.00	Each	647.41	1942.23

75	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 (ii) 40Amps. DP Cat. II	3.00	Each	1722.05	5166.15
76	Providing and erecting Annealed bare Copper wire 8 to 16 SWG.	18.00	kg	794.87	14307.66
77	Supplying & erecting earth pit of minimum bore dia.150mm size 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.	8.00	Each	5760.03	46080.24

78	Supplying & erecting in earthpit of minimum bore dia. 225mm size approved make Safe 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 80 mm having 80-200 Micron galvanising, Inner pipe dia of 40 mm having 200-250 Micron galvanising, connection terminal dia of 14 mm 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. [C] For Electrical Installation covering Transformer Neutrals, Lightning arrester Earthing, A.C.Plant & Sensitive Computer System(like Automation, SCADA)i.e. independent Earthing located in other	1.00	Each	10593.89	10593.89
79	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 (F) 3 1/2 core 120 Sq. mm (70 Sq. mm 1/2 core)	80.00	Meter	540.35	43228.00
80	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. (G) 3 & 1/2 core 120 Sq. mm	2.00	Each	154.53	309.06
81	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. (e) 3.5 core 120 Sq. mm	2.00	Each	45.45	90.90
83	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.	30.00	Meter	74.74	2242.20

84	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 (C))90 mm outer dia	30.00	Meter	95.95	2878.50
85	Providing and erecting Inverter based approved make split air-conditioning unit consisting of condensing unit with variable speed fan motor, inverter type hermetically sealed rotary compressor with accessories etc. duly connected separately erected evaporating unit and blower motor with its accessories by means of extra supplied proper insulated copper tubing,drain PVC pipes suitable for (cost includes Eco Friendly green gas charging and 15A plug top & Remote Control ,Outdoor & MS Stand) with necessary core cutting (B) for 1.5 ton capacity	1.00	Each	41725.12	41725.12
	(D) 2.5 ton capacity	2.00	Each	86490.34	172980.68
	TOTAL AMOUNT :				**2118328.55**