

**GUJARAT MINERAL DEVELOPMENT CORPORATION LIMITED**

Name of work :- T-No-1/FK/RENOVATION –REFURBISHMENT WORKS-GUEST HOUSE/2022 - Work of Renovation and refurbishment of existing Guest house at Fluorspar project Kadipani, Tal: Kawant , Dist Chhotaudepur , Gujarat .

**PRICE BID**

Sr. No	Description	Qty.	Unit	Rate	Amount
	<b>Demolition &amp; Dismantling Work</b>				
1	Dismantling & Demolition including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.Labour ,tools,Breaker, Drill machine, Cutter all Required mechanical Tools, Scaffolding Staging, rope ,pulley, etc & Discarding it from the site incl. carrying trip as per as directed by site in charge. <b>(i) R.C.C. work</b>	5.00	Cu.Mt.	0.00	0.00
2	Demolition of Brick work and stone masonry including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.,Labour tools, Mechanical Tools,Scaffolding,Staging,Required rope etc.& Discarding it from the site incl. carrying trip as per as directed by site in charge. <b>(ii) In Cement Mortar.</b>	19.00	Cu.Mt.	0.00	0.00
3	Dismantling Terrace floors laid in mortar including including old water Proofing treatment earlier provided on slab like Mosaic Tiles,six layers bitumen sheets,PCC, Chemical water proofing or any other treatment, China Mosaic etc. & disposal of unserviceable materials with all lead and lift.,Labour tools, Mechanical Tools,Scaffolding,Staging,Required rope Pulleys etc.& Discarding it from the site incl. carrying trip as per as directed by site in charge.	558.00	Sq.Mt.	0.00	0.00
4	Dismantling tiled of stone floors laid in mortar including stacking of serviceable Materials are stored at Located store area and disposal of unserviceable materials with all lead and lift.,Labour tools, Mechanical Tools,Scaffolding,Staging,Required rope etc.& Discarding it from the site incl. carrying trip as per as directed by site in charge.	498.00	Sq.Mt.	0.00	0.00
5	Dismantling doors, windows, ventilators etc. (wood or steel) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift.,Labour tools, Mechanical Tools,Scaffolding,Staging,Required rope etc. & serviceable Materials are stored at Located store area and disposal of unserviceable materials Discarding it from the site incl. carrying trip as per as directed by site in charge. (i) Not exceeding 3 Sq.M. in area.	70.00	Nos	0.00	0.00
6	Dismantling doors, windows, ventilators etc. (wood or steel) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift.,Labour tools, Mechanical Tools,Scaffolding,Staging,Required rope etc. & serviceable Materials are stored at Located store area and disposal of unserviceable materials Discarding it from the site incl. carrying trip as per as directed by site in charge. <b>(ii) Exceeding 3 Sq.M. in area.</b>	1.00	Nos	0.00	0.00
7	Removing and scraping of old deteriorated plaster of any thickness from wall / R.C.C member including stacking of serviceable material and disposal of unserviceable from site of work with all lead and lift.Labour tools, Scaffolding & Discarding it from the site incl. carrying trip as per as directed by site in charge.	1600.00	Sq.Mt.	0.00	0.00

8	Dismantling of CI Pipes, GS Pipes,AC Rain water Pipes,PVC Pipes with Fittings including Clamps,holdfasts and other attachment etc. & stacking them within all lead and lift.,Labour tools, Mechanical Tools,Scaffolding,Staging,Required rope etc. & serviceable Materials are stored at Located store area and disposal of unserviceable materials Discarding it from the site incl. carrying trip as per as directed by site in charge. <b>For Any Dia Pipes)</b>	50.00	R.Mt	0.00	0.00
9	Dismantling of Sanitary Fittings like Wash Basin,W C ,Pan, Indian & European Type, Flushing Tank, Sink Etc including Clamps,holdfasts and other attachment etc. & stacking them within all lead and lift.,Labour tools, Mechanical Tools, & serviceable Materials are stored at Located store area and disposal of unserviceable materials Discarding it from the site incl. carrying trip as per as directed by site in charge.	14.00	Nos	0.00	0.00
10	Dismantling & Removal of Existing Fixed furniture, Loose Furniture Like Cabinets, Sofa, Tables,panelling, Partition,etc & Existing Light Fixtures like Fan, Tube light, Exuust fan etc & Existing False ceiling , inbuilt wiring, , switches, Floor raceways , Air conditioning Unit ( Indoor , Out door) including Clamps,holdfasts and other attachment etc. & stacking them within all lead and lift.,Labour tools, Mechanical Tools, & serviceable Materials are stored at Located store area and disposal of unserviceable materials Discarding it from the site incl. carrying trip as per as directed by site in charge.(measurement shall be measured only Carpet Area.)	1000.00	Sq.Mt.	0.00	0.00
11	Excavation for foundation in any kind of soil incl. RCC or asphalted surface 0 to 1.50 mt depth incl. dewatering if required at cost and risk of agency including all labour, tools, mechanical tools etc. & shoring, struting, making the bottom level and sides in plumb incl. watering, raming and consolidating the bottom etc. incl. removing the surplus stuff if any within all lead and lift using the selected stuff for back filling to foundation,(Test of Soil for back filling is agencies scope) in side trenches and plinth in layers of 20 cms. th. with watering, consolidating etc. comp. as directed by Engineer Incharge. (B) Dense or Hard Soil up to 1.50mt.	372.00	Cu.Mt	0.00	0.00
12	Filling with available Excavated earth (excluding rock) in trenches. plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth including lead & lift Loading un loading, spreading of watering, raming and consolidating etc.complete. as per directed by Engg-in-charge.	238.00	Cu.Mt.	0.00	0.00
13	Filling in foundation and plinth with selected soil brought from outside of the site of work from local (any Distance) in layers of 20cm. Thickness including lead & lift Loading un loading, spreading of soil, watering, raming and consolidating etc.complete.(Test of Soil for filling is agencies scope ) complete as per directed by Engg-in-charge.	8.00	Cu.Mt	0.00	0.00
14	Providing and laying cement <b>concrete 1:3:6</b> (1-Cement : 3- coarse sand : <b>6 (12 to 20 mm)</b> size black trap metal of approved quality as an aggregate incl. lead & Lift watering, curing, , centering /formwork incl. <b>using machine mixed design cement concrete &amp;</b> compacted with vibrators incl. finishing the surface etc. as directed as per detailed drawing & design & as instructed by the engineer incharge etc.complete [Excl.TMT Reinforcement] <b>(A) Foundation and Plinth.</b>	43.00	Cu.Mt	0.00	0.00

15	Providing and laying <b>cement concrete 1:4:8</b> (1-Cement : 4- coarse sand : 8-12 to 20mm size black trap metal of approved quality as an aggregate incl.lead & lift, watering, curing, , centering /formwork incl. using machine mixed design cement concrete & compacted with vibrators incl. finishing the surface etc. as directed as per detailed drawing & design & as instructed by the engineer incharge etc.complete [Excl.TMT Reinforcement] (A) Foundation and Plinth.	4.00	Cu.Mt	0.00	0.00
16	Providing and laying cement concrete <b>1:2:4</b> (1-Cement : 2- coarse sand : 4- 12 to 20mm size black trap metal of approved quality as an aggregate incl. lead & lift,Labour, Tools,watering, curing, , centering /formwork incl. <b>using machine mixed design</b> cement concrete & compacted with vibrators incl. finishing the surface etc. as directed as per detailed drawing & design & as instructed by the engineer incharge etc.complete [Excl.TMT Reinforcement] (A) Foundation and Plinth.	3.00	Cu.Mt	0.00	0.00
17	Providing & Laying cement concrete M-200 for <b>R.C.C. Coping M-200</b> work using 10 to 20 mm size black trap metal of approved quality as an aggregate incl. lead & lift,Labour, Tools,watering, curing, , centering /formwork incl. using machine mixed design cement concrete & compacted with vibrators incl. finishing the surface etc. as directed as per detailed drawing & design & as instructed by the engineer incharge etc.complete [Excl.TMT Reinforcement] ( Rate are inclusive of providing and mixing plastisizer of approved make in proportion as prescribed by manufacture)	9.00	Cu.Mt	0.00	0.00
18	Providing & Laying cement M-250 for <b>R.C.C. Lintel</b> work using <b>10 to 20 mm</b> size black trap metal of approved quality as an aggregate incl.all lead & lift ,Labour, tools, watering, curing, scaffolding, centering, formwork, incl. using <b>machine mixed design cement concrete</b> & compacted with vibrators incl. finishing the surface etc. as directed as per detailed drawing & design & as instructed by the engineer incharge etc.complete [Excl TMT Reinforcement] ( Rate are inclusive of providing and mixing plastisizer of approved make in proportion as prescribed by manufacture) incl <b>Realeted structure of Ground Floor</b>	1.00	Cu.Mt	0.00	0.00
19	Providing & Laying cement concrete M-250 for <b>R.C.C. slab</b> using 10 to 20 mm size black trap metal of approved quality as an aggregate incl.all lead & lift ,Labour, tools, watering, curing, scaffolding, centering, formwork, incl. using machine mixed design cement concrete & compacted with vibrators incl. finishing the surface etc. as directed as per detailed drawing & design & as instructed by the engineer incharge etc.complete [Excl TMT Reinforcement] ( Rate are inclusive of providing and mixing plastisizer of approved make in propertion as prescribed by manufacture)	2.00	Cu.Mt	0.00	0.00
20	Providing & laying <b>TMT Bar FE 500/500D reinforcement</b> for R.C.C. work Including cleaning, cutting, bend- ing,binding, laying , lapping,& fixing in position for any kind of R.C.C.structure at any height including Labour, Tools, transporting, unloading in the site etc.including maintaining a steel consumption register with detail cutting schedule & the 16 gauge binding wire, spacer blocks of CM 1:2 with embedded binding wire of suitable length protective coat of neat cement slurry to be applied as per directed.complete as per directed by Engg-in in- charge 6mm Bar For Partition wall to be Add in this item	1440.00	kg.	0.00	0.00

21	Providing and fixing M.S. grills of required pattern to Granite frames of windows etc. including Straightening, Cleaning, Derusting, Cutting,bending, Fabricating, Welding, Bolting, Hoisting & Fixing in position MS steel work,required spacing and frame around for window grills at any location and height, made up of any sections Flat bar,angles, channels, square or flats, bar sections, solid bars including labour, tools, transporting unloading Scaffolding, staging etc.& fixing in conc. or brick work Granite frames & including one coat of Red Lid Primer with 2 coats of Enamel paint of approved make & shade etc.complete as per Drawing & directed by Engg in Charge (Ornamental)	1043.00	kg.	0.00	0.00
22	Providing and fixing Steel work of required pattern to Welded in Built up section framed work including Straightening, Cleaning, Derusting, Cutting,bending, Fabricating, Welding, Bolting, Hoisting & Fixing in position MS steel work,required spacing as per detail drawing for MS Stair case & any Fabricating work at any location and height, made up of any sections ,ISMB, ISMC,TEES Angles Flat bar, square bar , Plates including labour, tools, transporting unloading Scaffolding, staging etc.& fixing in conc. or brick work as per required & including one coat of Red Lid Primer with 2 coats of Enamel paint of approved make etc.complete as per Drawing & directed by Engg in Charge	450.00	kg.	0.00	0.00
23	Providing and constructing of 230mm thk. or above thickness Brick masonry work using 1st class common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in in cement mortar 1:6 (1 unit Cement, 6 unit screened sand) using Screened coarse Sand good quality approved make bricks layerat all levels and heights, parapet walls, entrance steps, or as directed by architect including hacking of masonry joints from both the faces, staging, scaffolding, curing, staking, transport etc. complete. (bricks to be soaked in water for at least 20 mins. prior to construction work ).complete as per specification or as directed by Engineer-in-Charge/Designer. Foundation & Plinth (B) Conventional	195.00	Cu. Mt	0.00	0.00
24	Providing & constructing 115mm thick brick wall using in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq in CM 1:4 (1 unit Cement, 4 unit screened sand) using Screened coarse Sand good quality approved make bricks with necessary scaffolding, Staging, watering, curing, hacking of masonry joints, cleaning etc. complete as per specification or as directed by Engineer-in-Charge / Designer <b>(B) Conventional</b>	26.00	Sq.Mt.	0.00	0.00
25	Providing & Applying external <b>20mm thick sand faced</b> cement plaster on walls upto height 10 meters above ground level consisting of 12mm thick backing coat of C.M. 1:3 (1-cement : 3- sand) and 8mm thick finishing coat of C.M. 1:1 (1-cement : 1-sand) in to Line Level etc..including all Scaffolding,staging, curing, preparation and dressing of surfaces etc. Making With Gutka (only Elevation Plan area considered for Measurement) complete as per directed by Engg. In charge.	750.00	Sq.Mt.	0.00	0.00
26	Providing & applying <b>20 mm thick double coat mala</b> cement plaster on interior brick / concrete work for plastering comprising of base coat of 12 mm thick cement plaster in cement mortar <b>(1 Cement : 4 coarse sand) in rough finishing and 8 mm thick top coat of cement mortar 1:2 (1 Cement : 2 Coarse sand)</b> finished with trowel Including all Scaffolding,staging, curing, preparation and dressing of surfaces etc. in true line and level etc. complete as directed by Engineer in Charge	835.00	Sq.Mt.	0.00	0.00

27	Providing & Applying <b>15mm thick cement plaster in single coat</b> on Rough(Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (ii) Cement mortar 1:4 (1-cement :4-sand) Including all Scaffolding,staging, curing, preparation and dressing of surfaces etc. in true line and level etc. complete as directed by Engineer in Charge.	264.00	Sq.Mt.	0.00	0.00
28	Providing & applying 10 mm thick mala cement plaster in single coat on fair side of <b>Ceiling surface / Sloping Roof</b> etc. for interior plastering and finished even and smooth in C.M. 1:3 (1 cement : 3 Sand ) including all Scaffolding,staging, curing, preparation and dressing of surfaces etc. in true line and level etc. complete as directed by Engineer in Charge	495.00	Sq.Mt.	0.00	0.00
29	Providing and laying <b>water proofing treatment Terrace Area</b> by (a). Applying neat cement slurry 2.75 kg/m <sup>2</sup> of cement admixed with water proofing compound after cleaning the surface. (b). Layingof bricks bats of 25to75 mm size in CM 1:5 (1 cement : 5 course sand) admixed with water proofing compound over 20mm thick layer of cement mortar 1:5 to required slop including rounding of junctions of walls and slab with spacing not more than 30mm.(c)After two days of proper curing applying a second coat of cement slurry and cured for another two days. (d) Finishing the surface with 20mm thick cm 1:4 and cured for two days (e) <b>Providing and laying china mosaic flooring</b> using broken pieces of glazed tiles (in one colour or more as per pattern) to be laid over cement sand mortar screed (1:2) and cement grouting with water proofing compound in required levels and slope and to be temped by wooden mallet and filling the joints with white cement with coloured pigments as required including rounding of junctions at walls,curing etc.As directed and specified.Water pond should be carried out for a period of Seven days as directed by EIC.	558.00	Sq.Mt.	0.00	0.00
30	Providing cement <b>vata</b> (10cm. x 10 cm. size) quarter round in cement mortar 1:1 including neat cement finishing, watering etc. complete.	230.00	R.Mt	0.00	0.00
31	Providing Cracks Filling more than 5mm wide by applying water proofing method by EAMCO S48 of BASF or Approved Equivalent product on bond cost of concessive 1414 of BASF product or Approved Equivalent product injection grouting developing mechanical key using Acrylic polymer, polyurethanes, poly sulphide silicon sealant epoxy etc.as applicable as per site condition and as directed by Engg- in charge	50.00	R.Mt	0.00	0.00
32	<b>Constructing of cooking platform</b> ( sandwich type ) 60cm width and 80cm high resting on (40 to 50mm) thick sandwiched polish Granite Slab in C.M 1:3 with providing and fixing 25 mm thick rough kotah stone at bottom and 18 to 20 mm thick Polish Granite stone ( single piece/ telephonic Black as per Approved) top and 75 to 80mm wide (single piece) machine cut polished granite round molded facia patty & joints treated with white cement,mixed with matching pigment, epoxy touch ups, including rubbing, curing,moulding and polishing to edges to give high gloss finish etc. . complete as per drawing and specification without stainless steel sink including necessary cutting for sink & making hole for gas pipe and fixing P.V.C bend of 25mm dia.Including all lead & lift, labour, tools etc.	8.00	R.Mt	0.00	0.00

33	Providing & Constructing of <b>Hand Wash Counter (Toilet Area)</b> with 16 to 18 mm thick Polished Black Granite at top and 30 mm thick Kotah stone slab flooring fitting at bottom with cementing Materials / adhesives (600mm wide & 200mm facia ) fixed with ( sandwich type ) kotah stone support . including making necessary grooves in walls including all labour material of approved quality as per the design and drawings and instructions of Engineer In-charge Rate should include for Hole Cutout/ cutting the slab to required size and for supporting arrangements for the wall & required Adhesive, bonding material etc As per drawing.	9.00	R.Mt	0.00	0.00
34	Providing and fixing of 18 mm thk. gang saw cut, mirror polished,pre moulded and Prepolished, machine cut Black Granite (as approved) <b>Door Window jambs</b> and similar locations of required size,approved shade ( double frame with step rebate Max.250mm to 375mm wide) with chamfered and machine polished edge externally.Granite laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement,mixed with matching pigment, epoxy touch ups, including rubbing, curing,moulding and polishing to edges to give high gloss finish etc.The rate shall be inclusive of Required necessary backing material,complete as directed by designer.	90.00	Sq.Mt.	0.00	0.00
35	Providing and laying Polished Kotah stone slab (Green Kotah As per approved Quality & shade by Architect) 25mm thk in Steps, riser, skirting, dado& pillar laid on 10mm thk cement mortar 1:6 (1-cement : 6- coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc as per directed. complete.	320.00	Sq.Mt.	0.00	0.00
36	Providing and laying Leather Finish Kotah stone slab (Green Kotah As per approved Quality & shade by Architect) 25mm thk in Floor, skirting, dado & pillar laid on 10mm thk cement mortar 1:6 (1-cement : 6- coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc as per directed. complete.	240.00	Sq.Mt.	0.00	0.00
37	Providing and fixing NATURAL GRANITE COBBLE SQ. GREY 75 to 80mm thick with minimum average 300 Kg/cm2 compressive strength as per approved design including 75mm sand layer of levelling and filling the joint withCement Mortar 1:4 in proper line & level etc.	225.00	Sq.Mt.	0.00	0.00
38	Providing and fixing pre-cast concrete kerb stone of gray cement based concrete block 30cm length,30cm height and 15cm thick of M250 grade concret as per approved design and including excavation/ re filling/ PCC 1:2:4 for fixing in proper line and level,filling the joint with C:M 1:3 (1cement:3fine sand) etc complete as per directed .	400.00	R.Mt.	0.00	0.00
39	Prov. & Laying <b>Flooring of 600mm x 600mm</b> Matt/ Glossy Finished Vitrified Tiles <b>8 to 10mm</b> or more thick tiles flooring ,Skirting, laid on bed of 20mm (Average) base of Cement Mortar 1:6 (1-Cement : 6 Coarse Sand) on new surface and jointed with white /colour cement slurry including filling the joints with Approved Epoxy Grout 3-4mm width & 10mm in depth including PVC Spacers,finished with flush pointing & cleaning the surface all lead & lift etc. completed of any shade approved by Higher Authority of approved brands like <b>Somani ,AGL ,Marbita</b> etc <b>(Basic rate 500 rs/ Sq Mt.)</b>	40.00	Sq.Mt.	0.00	0.00

40	Prov. & Laying <b>Wall Dado</b> of <b>600mm x 300mm</b> or 600mm x 600mm (Kitchen & Wash Room) Matt/ Glossy Finished Vitrified Tiles 8 mm tiles Dado ,Skirting,Riser laid on bed of 10mm (Average) base of Cement Mortar 1:3 (1-Cement : 3 Coarse Sand) on new surface and jointed with white /colour cement slurry including filling the joints with Approved Epoxy Grout 3-4mm width & 10mm in depth including PVC Spacers,finished with flush pointing & cleaning the surface all lead & lift etc. completed of any shade approved by Higher Authority of approved brands like Somani ,AGL ,Marbitto etc. <b>(Basic Rate 550 rs/ Sq Mt.)</b>	160.00	Sq.Mt.	0.00	0.00
41	Providing & Applying 12 to 15 mm th. Plaster of Paris layers on wall plastered surface & surface of required or directed by Engg- in charge including hacking finishing smooth, with proper level & handed over a clean & neat condition complete. The finished surface should be smooth and in perfect level so as to avoid un evenness and ready to take on paint. complete the work should be done as per directed by engineer in charge.	1225.00	Sq.Mt.	0.00	0.00
42	Wall painting <b>(Two coats)</b> with Plastic Emulsion paint of approved brand and manufacture on un decorated <b>wall surface</b> to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth. including all lead & lift , labour, tools, scaffolding, staging etc.	1258.00	Sq.Mt.	0.00	0.00
43	Painting (two coats) with plastic emulsion paint of approved brand and manufacture on <b>Ceiling</b> to give an even shade including throughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth. including all lead & lift , labour, tools, scaffolding, staging etc.(All Floor)	495.00	Sq.Mt.	0.00	0.00
44	Providing and Applying two coats of acrylic exterior weather paint on out side of wall surface of approved quality paint like "APEX" ULTIMA/ Weather Shield/ Asian As per Approved brand make & required shade after thoroughly brushing the surface free from mortar & scrapping old white wash/snow chem or oil painted surface inc. scaffolding, cleaning the wall & preparing the surface even & smooth, filling the cracks incl. applying one coat of white priming coat of reputed brand as suggested by Dy. Engg. etc. and shall be guaranteed for minimum period of 7 years after handing over the completed building by the main contractor to be finished as directed. & 10% Amount Retain for This Item	985.00	Sq.Mt.	0.00	0.00
45	Providing and fixing 35 mm thick solid core Flush Door Single Shutter (As per Required Sizes) of approved make both side lamination using 1mm thick approved laminate sheets with 6mm thk Lipping/border patti around flush shutter including polishing, fixing SS hinges, 4 no. ,wedges, keys, nails, catch screw, lever latches , S S Handles (15 cm), Aldrops (20 cms), Tower bolts, (20 cms),tadis etc and cutting/ drilling of necessary holes in Granite, masonry, concrete and grouting of holdfasts with (1:2:4) cement concrete all as per drawing, specification and direction of the Engineer, all materials, tools, and labour complete c. (All fixtures & fittings shall be stainless steel of approved quality & directed By Architect). Flush Door having Treated from Termite, Borers, Decay, Fungi, and harmful Insects Proof. As per approved by architect/Engineer Incharge.	63.00	Sq.Mt	0.00	0.00

46	<p>Providing and fixing window having Extruded aluminum Colour anodized section frame main outer size 95mm x 24mm x 1.17mm (of Jindal Section no:2459 @ wt.of 0.738 Kg/mt), horizontal <b>THREE TRACK</b> member size 92mm x 31.75mm x 1.30mm (of Jindal Section no:8688,@ Wt.1.07 Kg/mt), vertical member of size 92mm x 31.75mm x 1.50mm (of Jindal Section no:8933,@ Wt. 1.06 Kg/mt) with sliding shutters of horizontal member size 40 mmx18mm x1.29mm (of Jindal Section no:8947@ wt.of 0.456 Kg/mt), vertical member of size 40mm x 18mm x 1.29 mm (of Jindal Section no:8949 @ wt.of 0.456Kg/mt/ with 5 mm 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 (1shutter +1 Pleated Mesh having pattern and brand as approved by the Architect) Window should be sealed for water proofing with silicon weather sealant.</p>	60.00	Sq.Mt	0.00	0.00
47	<p>Pro.&amp; Fixing standard extruded of aluminium section of size 63mm x 38.10mm x 1.2 mm(of Jindal Section No.2434, @ Wt 0.643 kg/R mt) with colour anodized aluminium frame for Ventilation with 5 mm thick frosted glass as detail etc complete for Ventilation.</p>	4.00	Sq.Mt	0.00	0.00
48	<p>Providing and fixing of Kitchen Plateform Shutter / Drawer making with 19mm All Proof Plywood (As per Required Sizes) of approved make of Plywood &amp; out side lamination using 1mm thick approved laminate sheets &amp; Internal side 0.8mm thk Laminate with 6mm thk Lipping/border patti around flush shutter including polishing, fixing SS hinges, ,Handle, nails, catch screw , S S Handles (as per drawing), etc and cutting/ drilling of necessary holes in Granite, specification and direction of the Engineer, all materials, tools, and labour complete c. (All fixtures &amp; fittings shall be stainless steel of approved quality &amp; directed By Architect).Plateform Shutters &amp; drawer As per Drawing &amp; also having Treated from Termite, Borers, Decay, Fungi, and harmful Insects Proof. As per approved by architect/Engineer Incharge.</p>	7.00	Sq.Mt	0.00	0.00
49	<p>Carr ing out Plinth treatment to (Existing Structure) Before Flooring Work /existing structure by spraying chemical solution for termite control treatment All Floor Area, All internal Wall Area , including all wood work, all Storage, as per directed by Engg In charge. work carried out with labour and material consistent with I.S.I specification. Using Chlordane and Chiorpurfiles 20 EC. As Per 6131_part-II Concentration Weight one percent is recommended i.e one litre 20 EC chemical emulsion with 19 liter give 1 % concentration inclusive of one litre chemical emulsion application at the rate of 5 Litre chemical / Sqm of surface is recommended as per I.S. work (only Plinth Area consider for Measurement)</p>	620.00	Sq.Mt	0.00	0.00

50	<p>Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gm/Sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts &amp; bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of raw plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffuser, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with :12.5 mm thick tapered edge gypsum moisture resistant board.</p>	490.00	Sq.Mt	0.00	0.00
51	<p>Providing, fixing &amp; Erecting Pelmet of up to 150 mm x 150 mm L shape made of 19mm thick ply as per IS 710 and beading of 4mm thick and 25mm wide Ghana Teak wood for projection screen. Rate to be inclusive of Lipping, cutting, wastage, &amp; 1mm thk Laminate in outer side with necessary fixtures, nails, adhesives, necessary scaffolding, fixing at all heights and for all floors as per drawing and approved sample etc should also take load of all the all roller blinds as directed by Engineer-in-charge.</p>	55.00	R.Mt	0.00	0.00
52	<p>Supply and installation of <b>curtains</b> (Arolux, Vista) of approved make as per architect selection.main fabric with channel,fitting &amp; 3 pplt curtain stitching , fire retardant fabric,dim out TEXTURE SA 1729WITH FR SHADE 53013,330 GSM,100% POLYSTER,140 CMS WIDTH,POWDER COATED SMOOTH CHANNEL,3PLT STICHING WITH FITTING.Window Size As per Site. Work complete including all type of stitching, fixing, accessories, inclusive of installation, material cost, labour, wastage, operating system all tools tackles, scaffolding, hardware at all floors, all levels and heights, necessary edge binding with approved fabric and thread of colour similar to the colour of the blinds. Same rate shall be applicable for all heights and for all floors. Maximum size of curtain shall not exceed 4.85m along the length of the opening and 3.050m along the height of the opening. &amp; height will be measured from top of the pelmet to sill bottom lvl. height will be measured from top of the pelmet to sill bottom lvl, as directed by Engineer-in-charge.</p>	85.00	Sq.Mt	0.00	0.00
53	<p>Providing and Supplying <b>Single Seater Sofa</b> - (1000mmW x 900mmD )Armrest 150mm- Seat 550mm, Frame in Metal base fully Cushioned in Seat &amp; Back, with arms. Metal Legs, Loose Cushion (Complete with fittings, fixtures Loading un loading, lead &amp; lift etc. All material shall be of approved make.)</p>	4.00	Nos	0.00	0.00

54	Providing and Supplying <b>Three Seater Sofa</b> - (2650mmW x 900mmD ) Armrest 150mm- Seat 550mm, Frame in Metal base fully Cushioned in Seat & Back, with arms. Metal Legs , With Loose Cushion (Complete with fittings, fixtures Loading un loading, lead & lift etc. All material shall be of approved make.)	2.00	Nos	0.00	0.00
55	<b>Centre Table</b> : (For Drawing Room) Providing & supplying Table With Top in12mm thk Painted Toughned Glass & Bottom level 16mm plywood with both side veneer & with melamine polished & all Sides Edge Banding, Frame in MS Powder Coated with 25mm square pipe of 16g. Table Size :- 1200mm L x 600mm W x 400mm Ht.(Complete with fittings, fixtures Loading un loading, lead & lift etc. All material shall be of approved make.)	2.00	Nos	0.00	0.00
56	<b>SideTable</b> : (For Drg Rm Sofa Side Table) Providing & supplying Square Table With Top in Ashwood/Vineer Finished with all Sides Edge teak wood Banding & single Artificial Stone base as per Image Table Size :- 350mm L x 350mm W x 450mm Ht.(Complete with fittings, fixtures Loading un loading, lead & lift etc. All material shall be of approved make.)	4.00	Nos	0.00	0.00
57	<b>Display Shelves Rack</b> : Providing & supplying Display Shelves Rack making with Ashwood with both side Vineer Finished in melamine Polish with all Sides Edge teak wood Banding Size :- 700mm L x 460mm W x 2000mm Ht.(Complete with fittings, fixtures Loading un loading, lead & lift etc. All material shall be of approved make.)	2.00	Nos	0.00	0.00
58	<b>Display Rack</b> : Providing & supplying Display Rack making with 16mm plywood carcass all exposed Side Vineer Finished with melamine Polish & internal Part 0.8mm thk.Laminate Finish with Required shelf, including metal base frame & side glass ,all hardware, Shutter with all required as handle and locking system as approved by the Engineer. Finishing and color shades etc as per the given specifications or of equivalent approved make as approved by the Engineer.(Complete with fittings, fixtures Loading un loading, lead & lift etc. All material shall be of approved make.)Size :- 1120mm L x 400mm W x 2000mm Ht.(Complete with fittings, fixtures Loading un loading, lead & lift etc. All material shall be of approved make.)	10.00	Nos	0.00	0.00
59	<b>Dining Table</b> : Providing,Supplying and installing in Free standing Dining Table as per approved make & shape of size 3000mm(L) x 3000mm(W) x 750mm(H) with top made up of 25 mm thick Ply With Veneer Finished in polish and having Support19mm Ply,Teak wood frame with veneer finish supported on Gable ends/sides teak wood edge banding. All exposed edges to be sealed with Veneer with all necessary hardware Complete as per directed by the Architect. including Loading un loading, lead & lift etc.	1.00	Nos	0.00	0.00
60	<b>Dining Chair</b> : Providing & supplying of teak wood Dining Chair make Frame in teak wood with decorative Shape & melamine polished & Cushion on Seat & back with Approved upholstery Complete as per directed by the Architect. including Loading un loading, lead & lift etc.(500mm x550mm x740mm ht	10.00	Nos	0.00	0.00
61	<b>Console</b> : Providing,Supplying and installing Console Table as per approved make & shape of size 1200mm(L) x 350mm(W) x 750mm(H) with top made up of 19 mm thick Ply With Veneer Finished in melamine polish and having Support Dacorative legs with melamine Polish & all necessary hardware Complete as per directed by the Architect. including Loading un loading, lead & lift etc.	1.00	Nos	0.00	0.00

62	<b>VIP Bed Room</b> : Providing Supplying and placing Double Bed having Bed Size: ( 2000mm L x 1800mm W x 900mmht) Bed Structure consist of Teak wood frames structure & partly 19mm Plywood (not Pre Laminated Board) , Teak wood Legs With melamine polish & headboard is made of 19 mm thick plywood With fabric (fabric half length , range 1000rs)& Side rail is made of 18 mm thick 19mm ply with veneer & melamine polished Mattress panels of Bed are made of 19 mm thick Plywood with all the exposed edges are banded with teak wood edge banding Hardware & The high quality hardware are used & also Etc. Complete as per directed by the Architect. including Loading un loading, lead & lift etc.	1.00	Nos	0.00	0.00
63	<b>Bed Side Table</b> : Providing Supplying and placing of Side Table ( Size:- 500mm L x 400mm D x 450mm H ) made out from 19mm thk plywood top with veneer finished in melamine polish & decorative teak wood legs with one drawer in plywood + veneer duly melamine polished. approved make as approved by the Engineer.(Complete with fittings, fixtures Loading un loading, lead & lift etc. All material shall be of approved make.)	2.00	Nos	0.00	0.00
64	<b>Study Table</b> : Supplying and installing Free Standing Study Table of approved make, and size 1200mm(L) x 600mm(W) x 800mm(H) with top made up of 25 mm thick Veneer Finish Top with polish and having Decorative Teak wood legs with melamine polish Table top supported legs As per Image. wire management shall be provided on study table or side table as specified. Table should have Drawer of size 400mm(L) x 400mm(W) x 100mm(H) made up 18 mm thick plywood with veneer finished in polish with Drawer chanel. Complete including Loading un loading, lead & lift etc.	1.00	Nos	0.00	0.00
65	<b>Study Table Chair</b> : Providing & supplying of teak wood Dining Chair make Frame in teak wood with decorative Shape & melamine polished & Cushion on Seat & back with Approved upholstery Complete as per directed by the Architect. including Loading un loading, lead & lift etc.(500mm x 550mm x740mm ht	1.00	Nos	0.00	0.00
66	<b>Sitting Chair</b> : Providing & supplying of teak wood Chair make Frame in teak wood with decorative Shape & melamine polished & Cushion on Seat & back with Approved upholstery Complete as per directed by the Architect. including Loading un loading, lead & lift etc.(680mm x 700mm x 630mm ht	2.00	Nos	0.00	0.00
67	<b>Side Table</b> : Providing Supplying and placing of Side Table ( Size:- 500mm L x 400mm D x 500mm H ) made out from teakwood frame finished in melamine polish & decorative teak wood legs approved make as approved by the Engineer.(Complete with fittings, fixtures Loading un loading, lead & lift etc. All material shall be of approved make.)	1.00	Nos	0.00	0.00
68	<b>TV Unit (VIP Bedroom)</b> : Providing & supplying TV unit made from 19mm Plywood with all outer side & exposed Side Veneer Finished with melamine Polish & Marble in Top ,MS powder coated Frame structure Base as per Image & all internal Part 0.8mm thk.Laminate Finish with Required shelf, including all hardware, Shutter with all required stainless steel iron monger such as handle and locking system as approved by the Engineer. Finishing and color shades etc as per the given specifications or of equivalent approved make as approved by the Engineer.(Complete with fittings, fixtures Loading un loading, lead & lift etc. All material shall be of approved make.)Size :- <b>1800mm L x 450mm W x 600mm</b> Ht.(Complete with fittings, fixtures Loading un loading, lead & lift etc. All material shall be of approved make.)	1.00	Nos	0.00	0.00

69	<b>Balcony Sitting Chair</b> : Providing & supplying of teak wood Chair make Frame in teak wood with decorative Shape & cane work & melamine polished & Complete as per directed by the Architect. including Loading un loading, lead & lift etc.( <b>560mm x 730mm x 770mm ht.</b> )	4.00	Nos	0.00	0.00
70	<b>Centre Table</b> : Providing & supplying Table With in <b>MarbleTop with Metal frame</b> & in teak wood melamine polished & Powder Coated 25mm square pipe of 16g. frame Legs as per image <b>Table Size :- 900mm L x 400mm Ht.</b> (Complete with fittings, fixtures Loading un loading, lead & lift etc. All material shall be of approved make.)	1.00	Nos	0.00	0.00
71	<b>Standered Bed Room</b> : Providing Supplying and placing <b>Double Bed</b> having Bed Size: (2000mm L x 1800mm W ) Bed Structure consist of Teak wood frames structure , Teak wood Legs With melamine polish & Tail board is made of 19 mm thick plywood With veneer & cushion & Side rail is made of Teakwood with polished as per Image &Dacorative teak wood Legs & Mattress panels of Bed are made of 19 mm thick Plywood with all the exposed edges are banded with teak wood edge banding Hardware & The high quality hardware are used & Complete as per directed by the Architect. including Loading un loading, lead & lift etc.	5.00	Nos	0.00	0.00
72	<b>Bed Side Table</b> : Providing Supplying and placing of Side Table ( Size:- 450mm L x 350mm D x 400mm H ) made out from 19mm thk plywood top with veneer finished in melamine polish & decorative teak wood legs with one drawer in plywood + veneer duly melamine polished. approved make as approved by the Engineer.(Complete with fittings, fixtures Loading un loading, lead & lift etc. All material shall be of approved make.)	10.00	Nos	0.00	0.00
73	Providing and Supplying <b>Two Seater Sofa</b> - (1670mmW x 950mmD x 750) Armrest 150mm- Seat 550mm, Frame in Teak wood fully Cushioned in Seat & Back, with arms. Teakwood dacorative Legs at the base dully melamine polished. With fixed Cushion (Complete with fittings, fixtures Loading un loading, lead & lift etc. All material shall be of approved make.)	5.00	Nos	0.00	0.00
74	<b>Side Table</b> : Providing Supplying and placing of Side Table ( Size:- 500mm L x 400mm D x 450mm H ) made out from 19mm thk plywood top with veneer finished in melamine polish & decorative teak wood duly melamine polished. pproved make as approved by the Engineer.(Complete with fittings, fixtures Loading un loading, lead & lift etc. All material shall be of approved make.)	5.00	Nos	0.00	0.00
75	<b>TV Unit</b> : Providing & supplying TV unit made from 19mm Plywood with all out side & exposed Side Vineer Finished with melamine Polish & teakwood Frame structure legs Image & all internal Part 0.8mm thk.Laminate Finish with Required shelf, including all hardware, Shutter with all required stainless steel iron monger such as handle and locking system as approved by the Engineer. Finishing and color shades etc as per the given specifications or of equivalent approved make as approved by the Engineer.(Complete with fittings, fixtures Loading un loading, lead & lift etc. All material shall be of approved make.)Size :- <b>1500mm L x 450mm W x 650mm Ht.</b> (Complete with fittings, fixtures Loading un loading, lead & lift etc. All material shall be of approved make.)	5.00	Nos	0.00	0.00

76	<b>Staff Room</b> : Providing Supplying and placing <b>Single Bed</b> having Bed Size: ( 2100mm L x 975mm W ) Bed Structure consist of Teak wood frames structure & partly 19mm Plywood (not Pre Laminated Board) , Teak wood Legs With polish & Mattress panels of Bed are made of 19 mm thick Plywood with all the exposed edges are banded with teak wood edge banding Hardware & The high quality hardware are used & also Etc. Complete as per directed by the Architect. including Loading un loading, lead & lift etc.	2.00	Nos	0.00	0.00
77	<b>Bed Side Table</b> : Providing Supplying and placing of Side Table ( Size:- 525mm L x 525mm D x 450mm H ) made out from teakwood decorative legs with one drawer in plywood + veneer duly melamine polished. approved make as approved by the Engineer.(Complete with fittings, fixtures Loading un loading, lead & lift etc. All material shall be of approved make.)	2.00	Nos	0.00	0.00
78	<b>Bed Side Table</b> : Providing Supplying and placing of Side Table ( Size:- 900mm L x 600mm D x 450mm H ) made out from teakwood decorative legs with one drawer in plywood + veneer duly melamine polished. approved make as approved by the Engineer.(Complete with fittings, fixtures Loading un loading, lead & lift etc. All material shall be of approved make.)	1.00	Nos	0.00	0.00
79	<b>Wardrobe</b> : Providing Supplying wardrobe( Size:- 1500mm L x 600mm D x 450mm H ) made out from 19mm plywood + Veneer duly melamine polished. approved make as approved by the Engineer.(Complete with fittings, fixtures Loading un loading, lead & lift etc. All material shall be of approved make.)	1.00	Nos	0.00	0.00
80	<b>Door Mate</b> : Providing Supplying and placing of Premium Quality Printed Cotton Door Mate (Size:- 60mm x 40mm) door mate shold be Washable, light weight, Water resistant (Complete with fixing, All material shall be of approved make.)	8.00	Nos	0.00	0.00
81	<b>Towel</b> : Providing Supplying of Premium Qulity Zero Twist Plain Cotton Towel for Bathroom as per Approved colour & make (Size:- 70mm x 140mm / 550 to 650 GSM) All material shall be of approved make.)	8.00	Nos	0.00	0.00
82	<b>Mattress Double Bed</b> : Providing & supplying Sleepwell Gen-2 150mm high Resillience (HR) Foam mettress 72" x 60" x 6" as per approved Complete with fixing, All material shall be of approved make.)	6.00	Nos	0.00	0.00
83	<b>Mattress Single Bed</b> : Providing & supplying Sleepwell Gen-2 150mm high Resillience (HR) Foam mettress 72" x 36"x6" as per approved Complete with fixing, All material shall be of approved make.)	2.00	Nos	0.00	0.00
84	<b>Pillow</b> : Providing & supplying Pillow as per approved Complete with fixing, All material shall be of approved make.)	7.00	Pair	0.00	0.00
85	<b>Bed Sheets For Double Bed</b> : Providing & supplying Bed sheets For Double Bed as per approved Complete with fixing, All material shall be of approved make.)	6.00	Nos	0.00	0.00
86	<b>Bed Sheets For Single Bed</b> : Providing & supplying Bed sheets For SingleBed as per approved Complete with fixing, All material shall be of approved make.)	2.00	Nos	0.00	0.00

87	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) (b) sheet steel double door (iv)12 way	1	Ea.	0.00	0.00
88	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 (c)63 Amp. Cat.III	2	Ea.	0.00	0.00
89	Miniature circuit breaker single pole 6A to 32A 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	30	Ea.	0.00	0.00
90	Providing & erecting approved make ELCBs / 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	3	Ea.	0.00	0.00
91	Plastic enclosure fitted with DIN rail suitable for incorporating Three /Four Nos MCB	2	Ea.	0.00	0.00
92	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 R.Mt. 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	119	Ea.	0.00	0.00
93	Point wiring for 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 R.Mt.s 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	52	Ea.	0.00	0.00

94	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 up to 10 R.Mt. length, in following type of pipe to be erected concealed in / flushed on wall / ceiling complete with 6A Tissino Type ISI marked accessories with earth continuity erected on Metal/PVC/Wooden box covered with 3 mm thick PC(Polycarbonate) / Acrylic sheet. 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	13	Ea.	0.00	0.00
95	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	31	PT.	0.00	0.00
96	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 R.Mt. length, in below type of pipe erected with 6A Modular type switch and hum free EME four or more step type electronic fan regulator with separately 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	14	PT.	0.00	0.00
97	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 R.Mt. 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	54	PT.	0.00	0.00
98	[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	7	PT.	0.00	0.00
99	[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	17	PT.	0.00	0.00
100	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. (3) Two Pin/RJ-11 Telephone Socket. [A] For One Gang. Cat.III	8	Ea.	0.00	0.00
101	(4) TV Co-axial Socket outlet. Cat.III	8	Ea.	0.00	0.00

102	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 (A) with medium class Rigid PVC pipe and accessories (a) 2 wire 1.5 sq. mm	1250	R.Mt..	0.00	0.00
103	(B) with medium class Rigid PVC pipe and accessories (b) 2 wire 2.5 sq. mm	350	R.Mt..	0.00	0.00
104	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 (a) with medium class Rigid PVC pipe and accessories. (a) 2 wire 4 sq. mm	250	R.Mt..	0.00	0.00
105	do- as above (i) 4 wire 10 sq. mm	50	R.Mt..	0.00	0.00
106	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	125	R.Mt..	0.00	0.00
107	-do- as above -(c) 32 mm	50	R.Mt..	0.00	0.00
108	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 powder coated and high U.V. & corrosion resistance with diffuser and/or Polycarbonate optics with company mark/name 120 to 300 V,Power Factor more than 0.9, THD < 10 %, CCT 4000 K to 6500K, Uniformity ratio >0.7, Luminaireefficacy> 100 lumens/watt , LED driver efficiency > 85 % CREE / OSRAM / PHILIPS Lumileds / NICHIA / SEOUL/Bridgelux(U.S.A.) make LED used for luminaire. ( 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/ non-integral driver (c) 16-20 Watts, Surge - 2KV,IP-20, 4 feet Cat-III.	5	Ea.	0.00	0.00
109	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 polyester powder coated and high U.V. & corrosion resistance with diffuser 120 to 300 V,Power Factor more than 0.9, THD < 10 %, CCT 3000 K to 6500K, Uniformity ratio >0.7, Luminaire efficacy> 85 lumens/watt , LED driver efficiency > 85 % @ Square/ Circular Surface/Recessed Mounted Downlight with provision for spring loaded mounting clips complete. (b) 12/13 watts, Surge-4 KV Cat-III	18	Ea.	0.00	0.00

110	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 polyester powder coated and high U.V. & corrosion resistance with diffuser 120 to 300 V, Power Factor more than 0.9, THD < 10 %, CCT 3000 K to 6500K, Uniformity ratio >0.7, Luminaire efficacy > 85 lumens/watt , LED driver efficiency > 85 % @ Square/ Circular Surface/ Recessed Mounted Downlight with provision for spring loaded mounting clips complete. (b) 15 watts, Surge-4 KV Cat-III	69	Ea.	0.00	0.00
111	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 polyester powder coated and high U.V. & corrosion resistance with diffuser 120 to 300 V, Power Factor more than 0.9, THD < 10 %, CCT 3000 K to 6500K, Uniformity ratio >0.7, Luminaire efficacy > 85 lumens/watt , LED driver efficiency > 85 % @ Square/ Circular Surface/ Recessed Mounted Downlight with provision for spring loaded mounting clips complete. © 18 watts, Surge-4 KV Cat-III	29	Ea.	0.00	0.00
112	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 polyester powder coated and high U.V. & corrosion resistance with diffuser 120 to 300 V, Power Factor more than 0.9, THD < 10 %, CCT 3000 K to 6500K, Uniformity ratio >0.7, Luminaire efficacy > 85 lumens/watt , LED driver efficiency > 85 %. LED driver efficiency > 85 % (I) Mirror Light 9 Watts, wall mounted minimum 1 feet long	11	Ea.	0.00	0.00
113	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 polyester powder coated and high U.V. & corrosion resistance with diffuser 120 to 300 V, Power Factor more than 0.9, THD < 10 %, CCT 3000 K to 6500K, Uniformity ratio >0.7, Luminaire efficacy > 85 lumens/watt , LED driver efficiency > 85 %. LED driver efficiency > 85 % ' E ) LED Strip Light	75	R.Mt..	0.00	0.00
114	Supplying, Installation, testing & commissioning of LED Decorative bracket light fixture with driver & complete accessories.	46	Ea.	0.00	0.00
115	Providing & erecting Approved make Power Saving 50 Watt Ceiling Fan with double ball bearing ISI mark with Condenser 230 volt A.C. 50 Hz 1200 mm sweep complete having 3 blades with aluminium blades with , canopy & 30 cms. down rod erected with 24/ 0.2, 3 core flexible wire with earthing.(Havells, Orient, Crompton, Anchor, Bajaj,Usha)	14	Nos	0.00	0.00
116	Supplying & erecting approved make low noise decorative exhaust fan having size 200mm with 1350 RPM with square frame ABS body with inbuilt lowers & square frame.	9	Nos	0.00	0.00
117	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.	1	Nos	0.00	0.00

118	Providing one bag of 25 Kg. Additional Back Filling Compound (BFC) suitable for safe earthing device.	1	Ea.	0.00	0.00
119	Providing and erecting Pipe type earthing having 150 cms.long and 2.5 cms. dia. galvanised iron pipe with coupling and buch buried in specially prepared earth pit complete with necessary 8 SWG earth wire.	1	Ea.	0.00	0.00
120	Supplying & erecting Single line BEETEL / BPL / SONY/ Panasonic or equivalent make push button type Cord Less telephone instrument.	8	Nos	0.00	0.00
121	Supplying & erecting approved make LAN cable of following size in existing pipe as per direction [C] CAT - 6	75	R.Mt..	0.00	0.00
122	Providing & Erecting approved make following size of TV Co-axial flexible cable comprising inner conductor of solid bare copper insulated with Foam PE & Secondary conductor made of poly - Aluminium film bonded Al. Braids @ suitable coverage overall sheathed with black PVC insulation. a) RG 59	75	R.Mt..	0.00	0.00
123	Providing & erecting main Distribution (MDF) indoor type, back mounted frame as per DoT standard approved with krone strips (a) Suitable for 10 pair	1	Nos	0.00	0.00
124	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 & conforming to C-DOT erected in existing pipe. of following size of conductors & Nosof pairs. With necessary connections. (b) Armoured [Jelly Filled] 1) Ten Pairs	50	R.Mt..	0.00	0.00
125	Supply , Installation , Testing and Commissioning of Full HD 55" LED Professional Display Panel. Approved Makes: Panasonic / LG/ Sony/ Samsung	6	Ea.	0.00	0.00
126	Supply , Installation , Testing and Commissioning of 230 LTR FRIDGE . Approved Makes: Whirlpool / LG/ Godrej / Samsung	1	Ea.	0.00	0.00
127	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) (b) sheet steel double door (iv)12 way	1	Ea.	0.00	0.00
128	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 (c)63 Amp. Cat.III	2	Ea.	0.00	0.00
129	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	30	No	0.00	0.00
130	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	10	No	0.00	0.00

131	Miniature circuit breaker single pole 6A to 32A 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	1	Ea.	0.00	0.00
132	Providing and erecting XLPE (IS:7098)(I)-88 ISI armoured cable multistrand / Solid Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables. (b) 4 core 6 Sq. mm	750	Mtr.	0.00	0.00
133	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	125	Mtr.	0.00	0.00
134	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. (c) 2 to 4 core 6 Sq. mm	30	Ea.	0.00	0.00
135	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.(1) (A) 1.5/ 2.5/4/6 Sq.mm	120	Ea.	0.00	0.00
136	Supply of approved make FRP Pole having following specifications: FRP Light Pole made by CNC filament winding machine using thermoset resin polyester/epoxy resin system) having minimum 62% glass content. The pole should be in one piece and tapered round in shape, having smooth finish and should be totally free from corrosion as well as non conductive & shock proof Pole should be provided with FRP Anchor Base and it should be heavy duty, or MS Material duly painted with Epoxy paint. Pole should be flame retardant as per IS 6746. Resin used shall be UV resistance and pigmented. A highly weather resistant polyurethane coating shall be applied to the pole after applying suitable primer system that ensures proper adhesion of the paint. Minimum coating thickness shall be 80 to 100 micron. Deflection of the pole shall not exceed more than 10% of the length of pole for the given load“ Pole should be generally made as per the dimensional data, performance criteria and some interchangeability features of poles as per standard ANSI C 136.20 latest version or ASTM D 4923/01 including cable termination box with necessary accessories . The size of pole and type of installation with foundation as per manufacturer details and site requirement are as below .Providing and fixing light bracket fitting in existing pole (1) Suitable for base plate mounting single arm Bracket. [D] Overall length of 4 Mtr. Average Thickness: 7mm. Top/ Bottom OD Dia A/F 89/145 mm ± 2mm approx. Approx. Weight of Pole 19 kg approx. (Without Base) Anchor Base (Size 250X250 & 12mm th.)	10	Ea.	0.00	0.00
137	Providing 1:2:4 cement concrete foundation & 70 % PCC from bottom including excavation for the pole of size 45 x 45 x 100 cm. Deep in below ground level with plinth of 45 cm x 45 cm (or 45 cm dia x 45 cm) high upper ground level with necessary curing and finishing in approved manner. ( for 4 & 6 mtr pole)	10	Ea.	0.00	0.00
138	Supplying & erecting approved make SMC press moulded composite FRP. loop-in, loop-out approx. 2mm thick box complete with Bakelite connector strip 5way(3P+N+E),DIN rail for mounting mob & hinged doors as per requirement having locking arrangements with mounting clamp with nuts, bolts & washers suitable for erection on pole with cable clamps& earth bolt of following size of box. ( c)150mm x 125mm x 100mm [deep]	30	Ea.	0.00	0.00

139	Making trench in soft soil of suitable width of 90 cms deep for laying cable or locating the fault all over the run and backfilling the same and making the surface as normal ground.	450	Mtr.	0.00	0.00
140	Making trench in Hard murum / Tar Road of suitable width of 90 cms or required depth for laying cable or locating the fault all over the run and back filling the same and making the surface as normal ground.	100	Mtr.	0.00	0.00
141	Providing & laying. Double walled corrugated pipes (DWC) of polyethylene (conforming to IS 14930 II )with necessary connecting accessories of same material at required depth for laying of cable. below ground / road surface for enclosing cable and back filling the same to make ground as per original. (A)50 mm dia	750	Mtr.	0.00	0.00
142	Supplying and erecting LED street light / Flood light fittings with High power White LEDs wattage of 1Watt and above assembled on single MCPCB, efficiency more than 130 lm/w and corrosion free High pressure die cast aluminum housing with smooth finish powder coated and heat sink extruded aluminium with diffuser and Polycarbonate optics/ lenses with company mark/name engraved or embossed 120 to 300 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 %.CREE / OSRAM / PHILIPS Lumileds / NICHIA / SEOUL/ BridgeLux (U.S.A.) make LED used for luminaire. ( 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.) (C) Post Top Lantern LED fitting comprises of Copper dust finish cast aluminum spigot and spun aluminum canopy fixed with opal polycarbonate, pipe arrangement for vertical mounting driver and accessories wired upto terminal block.IP 65 (b)40W Cat-III.	10	Ea.	0.00	0.00
143	Providing and erecting Pipe type earthing having 150 cms.long and 2.5 cms. dia. galvanised iron pipe with coupling and buch buried in specially prepared earth pit complete with necessary 8 SWG earth wire.	10	Ea.	0.00	0.00
144	Supply,checking, storing and fixing <b>S. S. sink, single bowl</b> with tap point on wall / counter comprising of Concealed type brackets fixed to wall with adjustable clamp to push against counter rim,40 mm heavy plated <b>C.P. waste couplng JAQUAR-ALD-729</b> fitting without pop-up,with flexible PVC pipe with connector,CP swan neck sink faucet model <b>JAQUAR-LYR-38347S</b> Painting brackets with two coats of white enamel paint over one coat of primer,table mounted / wall mounted. Kitchen sink with drain board)( <b>model :Nirali-olympia or equivalent</b> )	2	Each	0.00	0.00

145	Supply, checking, storing and fixing in position <b>European water closet</b> comprising of Wall hung European W.C. Pan Model <b>ARIA-ARS-WHT-39951UFSM</b> or Equivalent in white colour, on approved type of chairs, Concealed flushing cistern Model No. <b>Geberit Omega</b> Concealed Cistern with Flush plate or Equivalent or Equivalent as directed, <b>C.P health faucet Model No. JAQUAR-ALD-565</b> or Equivalent with required length of flexible tube, clamp and bracket for fixing to wall, 15 mm C.P. brass heavy quality angle stop cocks Model No. <b>JAQUAR-JAQUAR-ALI-85053</b> or Equivalent for flushing cistern, C.P. brass 2-way bib cock Model No. <b>JAQUAR-ALI-85041</b> or Equivalent, CP Toilet paper holder Model <b>JAQUAR-ACN-1153S</b> or Equivalent, Solid bakelite water closet cover and seat with C.P. hinges and rubber buffers, Fixing W.C. unit with brackets and accessories in position, Necessary pipe connection to PVC / PP / CI soil pipe, Painting bracket with two coats of white enamel paint over a coat of primer.	16	Each	0.00	0.00
146.0	Supply, checking, storing and fixing Under Counter <b>wash hand basin MODEL:JAQUAR-FNS-WHT-40701</b> with ,32 mm heavy plated C.P. waste coupling <b>JAQUAR-ALD-729</b> fitting with pop-up, 32 mm heavy plated C.P. bottle trap <b>JAQUAR-ALD-769L300X190</b> with cleaning eye with extension piece and wall flange, Painting brackets with two coats of white enamel paint over one coat of primer, CP Basin Mixture <b>JAQUAR-ARC-87011B</b> with 15 mm C.P. brass heavy grade flexible inlet connection with C.P. nut (minimum length 450 mm) made to measure.	20	Each	0.00	0.00
147.0	Supply, checking, storing & fixing CP Over Head Rain shower <b>MODEL:JAQUAR-OHS-35497</b> complete as per instructions of the engineer-in-charge.	16	Each	0.00	0.00
148.0	Supply, checking, storing & fixing CP single lever wall mixer <b>MODEL:JAQUAR-ARC-87661K</b> with Concealed body Shower Valve <b>MODEL:JAQUAR-ARC-87065C</b> complete as per instructions of the engineer-in-charge.	16	Each	0.00	0.00
149.0	Supply, checking, storing & fixing C.P. brass <b>towel ring MODEL:JAQUAR-ACN-1121BN</b> Round to PVC cleats with C.P. brass screws including cutting and making good the walls wherever required .	15	Each	0.00	0.00
150.0	Supply, checking, storing & fixing C.P. brass angle valve for basin & Sink <b>MODEL:JAQUAR-ALI-85053</b> , of approved quality conforming to IS:8931 for a) 15mm Nominal Bore	22	Each	0.00	0.00
151.0	Supply, checking, storing & fixing C.P. brass bib cock <b>MODEL:JAQUAR-ALI-85037</b> of approved quality conforming to IS:8931. a) 15mm Nominal Bore	4	Each	0.00	0.00
152.0	Supply, Checking, Storing and fixing vitreous <b>Large flat back urinals</b> Model No. <b>JAQUAR-URS-WHT-13257</b> or <b>Equivalent with Conceal automatic flushing system</b> Model No. <b>JAQUAR-SNR-STL-51077</b> or <b>Equivalent</b> in white colour with concealed type wall hanger or special bracket in wall and hinged type C.P. dome gratings. C.P. flush pipes from auto flush, spreaders, full bore inlet caps as necessary made to measure. C.P. waste pipe and Spreader under each urinal pan, leading to the CP bottle trap Model No. <b>JAQUAR-ALD-769L300X190</b> or Equivalent below and painting with two coats of white enamel paints and cutting and making good the walls wherever require.	2	Each	0.00	0.00

153.0	Supply, checking, storing & fixing of <b>Heavy class S.S. Grating</b> Model No. <b>Chilly-CCT-SFC-127</b> or <b>Equivalent</b> with Mosquito /Cockroach proof S.S. strainer of approved design by Interior including setting in floor with cement mortar to match with floor finish as per architect requirement suitable for FD (Floor drain) and FT (Floor trap). <b>Note : Size of trap is vary as per final Product Selection. (Including Shaft floor Drain &amp; Fire Escape Balcony )</b>	34	Each	0.00	0.00
154.0	Supply, checking, storing & fixing straight/offset type Macfit single body push fit type <b>WC Pan Connector Jaquar-ZPS-WHT-VB01</b> with factory supplied spring loaded seal guard with integrated single mould sealing fins made of flexible EVA Body, including bush/adaptor for use with CI Pipe as supplied with Pan Connector (For European water closet)	16	Each	0.00	0.00
155.0	Drinking Water RO - Providing & fixing Wall Mounted RO plant with UV Technology I.S.I marked,C.P brass push cock, inlet float valve with all plumbing and electrical accessories, inlet, outlet, overflow and PVC drain out connection. Flow-2 LPM(Make:Aquaguard,Eureka Forbes,Kent)	2	Each	0.00	0.00
156.0	Providing and fixing <b>PVC SWR</b> Pipe conforming to <b>IS 13592-92 TYPE B</b> and fitting as per IS 14735-99 for <b>SOIL &amp; WASTE</b> water discharge, including all fittings with and with out inspection doors, including supports brackets as per supplier specification and distance, cutting, chases /holes in walls/floors/slab etc. <b>(Pipes to laid in Toilets)(Make:Astral,Ashirvad,Suprime) 75 mm</b>	24	R.Mt.	0.00	0.00
157.0	Providing and fixing PVC SWR Pipe conforming to IS 13592-92 TYPE B and fitting as per IS 14735-99 for SOIL & WASTE water discharge, including all fittings with and with out inspection doors, including supports brackets as per supplier specification and distance, cutting, chases /holes in walls/floors/slab etc. (Pipes to laid in Toilets)(Make:Astral,Ashirvad,Suprime) <b>110 mm</b>	54	R.Mt.	0.00	0.00
158.0	Pipes for soil , waste , Rain , Vent for Shaft /External Area <b>75 mm</b>	50	R.Mt.	0.00	0.00
159.0	Pipes for soil , waste , Rain , Vent for Shaft /External Area <b>110 mm</b>	75	R.Mt.	0.00	0.00
160.0	Providing and fixing <b>PVC Agri 6Kg/cm2</b> and fitting for <b>SOIL &amp; WASTE water discharge</b> , including all fittings with and with out inspection doors, including supports brackets as per supplier specification and distance,cutting, chases/holes in walls/flors/slab etc. <b>(Pipes to laid in Toilets)(Make:Astral,Ashirvad,Suprime) 50mm</b>	24	R.Mt.	0.00	0.00
161.0	Providing and fixing <b>PVC traps</b> of self cleansing design with water seal not less than 50mm with or without vent, including setting the trap in 1:2:4 cement concrete etc. complete. The trap shall be ' <b>P' type as required</b> . Trap with 100 mm inlet and outlet 75mm/100mm dia.(Make:Astral,Ashirvad,Finolex)	17	Each	0.00	0.00
162.0	Providing and fixing in position <b>Multi Floor Trap/Plain Floor Trap</b> self cleansing design moulded or fabricated with 50 mm water seal conforming to IS:14735-90 including setting the trap in 1:2:4 cement concrete etc. (Make:Astral,Ashirvad,Finolex) 100mm Outlet	17	Each	0.00	0.00

163.0	Supply , installation , testing and commissioning rain water Sidewall Parapet CI Body With Aluminium Grate With 4 SS Screw Drains ,size as per drawing required depth with Making Khurra with Proper water proofing and fixing the fittings (Horizontal/vertical arrangement grating) complete as required.(Make:Neer,Weimer) 300x 300 mm (100mm outlet pipe dia )	6	Each	0.00	0.00
164.0	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. For Hot & Cold Water Lines ( Domestic ) (Inside Toilet)(Make:Astral,Ashirvad,Finolex) <b>15 mm nominal outer dia Pipes ( SDR 11 )</b>	12	R.Mt.	0.00	0.00
165.0	-do- as above 20 mm nominal outer dia Pipes ( SDR 11 )	75	R.Mt.	0.00	0.00
166.0	-do- as above -25 mm nominal outer dia Pipes ( SDR 11 )	36	R.Mt.	0.00	0.00
167.0	-do- as above 32 mm nominal outer dia Pipes ( SDR 11 )	12	R.Mt.	0.00	0.00
168.0	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes,having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. For Hot & Cold Water Lines ( Domestic & Flushing ) (In shaft & Terrace & Exposed On wall) 25 mm nominal outer dia Pipes ( SDR 11 )	24	R.Mt.	0.00	0.00
169.0	-do- as above -32 mm nominal outer dia Pipes ( SDR 11 )	20	R.Mt.	0.00	0.00
170.0	-do- as above -40 mm nominal outer dia Pipes ( SDR 11 )	20	R.Mt.	0.00	0.00
171.0	-do- as above-50 mm nominal outer dia Pipes ( SDR 11 )	12	R.Mt.	0.00	0.00
172.0	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC high bonded solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.(The pipe length inserted in the fitting shall not be measured for payment) For Cold Water Lines (Inside Shaft & Terrace & Riser)(Make:Astral,Ahirvad,Finolex) <b>65 mm nominal outer dia Pipes ( SCH 40 )</b>	105	R.Mt.	0.00	0.00
173.0	Providing and fixing forged brass lever operated ball valve of full flow with forged brass ball (Machined to mirror smooth finish with hard chrome plated) and spindle with setting and gland of superior quality having minimum working pressure of 16 kg/cm2 etc. complete in all respect. <b>32mm dia</b>	16	Each	0.00	0.00
174.0	-do- as above-40mm dia	3	Each	0.00	0.00
175.0	-do- as above- 50mm dia	5	Each	0.00	0.00
176.0	Supplying, fixing, testing and commissioning of following valves, gauges and strainers for condenser water circulation as per specifications.(Make:Sant,Zoloto,leader) BUTTERFLY VALVE (MANUAL) with CI body SS disc nitrile sheet & O - ring & PN 16 pressure rating as specified. <b>65 mm dia.</b>	1	Each	0.00	0.00

177.0	Providing and fixing Y - STRAINER of Ductile CI Body flanged ends with stainless steel strainer for cold / hot water circulation including insulation as specified.(Make:Sant,Zoloto,leader) 65 mm dia.	1	Each	0.00	0.00
178.0	Providing laying (to level or slopes) and jointing reinforced concrete	8	R.Mt.	0.00	0.00
179.0	Providing, laying, jointing and testing heavy quality DWC (Double wall Corrugated ) under ground application pipes for Sewer and strom line with Snap-Fit Coupler with Rubber Ring / In-line Socket Molded Coupler / Socket-Spigot Arrangement fittings of SN8 class of approved make laid to required alignment and slope trenches inclusive of excavation in all soil types, bailing or pumping out water from trenches, shoring, whenever necessary testing, refilling, in layers, ramming & consolidation, removing away the surplus earth & spoils, dumping it on site or carting away to lead of 100 meters as directed incl. <b>150 mm dia</b>	25	R.Mt.	0.00	0.00
180.0	-do- as above-200 mm dia	25	R.Mt.	0.00	0.00
181.0	-do- as above- 250 mm dia	12	R.Mt.	0.00	0.00
182.0	Providing erecting and fixing double coated Syntex PVC. (ISI) water tank of required capacity each with all necessary fittings and connection etc. complete on terrace	5000.0	Ltr	0.00	0.00
183.0	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) up to haunches of S.W. pipes /UPVC /DWC Pipes including bed concrete as per standard design <b>b)150 mm dia diameter</b>	25	R.Mt.	0.00	0.00
184.0	-do- as above- c) 200mm dia diameter	25	R.Mt.	0.00	0.00
185.0	-do- as above- d) 250mm dia diameter	12	R.Mt.	0.00	0.00
186.0	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. (A) 100mm x 100mm size P type. (upto 10 ton)	8	Each	0.00	0.00
187.0	Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2- coarse sand : 4-graded stone aggregate 20mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3- coarse sand :6-Brick bats 40 + 50mm size) inside plastering 15mm thick with Cement Mortar 1:5 (1-Cement : 5-coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1-Cement :2-Coarse sand :4-stone aggregate 20mm nominal size) finished smooth complete including curing and festing (i) Inside size 900mm x 800mm and 0.9M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick masonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1-Cement: 5-Coarse sand) (1) A type depth 0.90 R.Mt. for 150mm diameter sewer.	3	Each	0.00	0.00

188.0	Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2-coarse sand : 4-graded stone aggregate 20mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3- coarse sand :6-Brick bats 40 + 50mm size) inside plastering 15mm thick with Cement Mortar 1:5 (1-Cement : 5-coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1-Cement :2-Coarse sand :4-stone aggregate 20mm nominal size) finished smooth complete including curing and festing (i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick masonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1-Cement: 5-Coarse sand) (2) B type depth 1.50 R.Mt. for 150mm diameter sewer.	1	Each	0.00	0.00
189.0	(I) Extra rate for constructing B.B. masonry for every additional depth of 0.1M. or Part thereof over item No.24.27 (I) for depth from 0.9M to 1.5M.	5	Each	0.00	0.00
190.0	(II) Extra rate for constructing B.B. masonry for every additional depth of 0.1M. GR Part thereof over item No.24.27 (I) for depth from 1.50M. to 2.25M.	5	Each	0.00	0.00
191.0	Providing and fixing cast iron steps of size 500mm x 150mm x 22.5mm and painting with two coats of Anti-corrosive paint etc. complete.	175	Each	0.00	0.00
192.0	Constructing Brick masonry road gully chamber 500mm x 450mm x 600mm including 500mm x 450mm C.I. horizontal grating with frame complete. (more than 10 ton)	8	Each	0.00	0.00
193.0	Constructing brick masonry road gully chamber 1100mm x 775mm including 500mm x 450mm (C.I. horizontal grating with frame and vertical grating complete.) (more than 10 ton)	8	Each	0.00	0.00
194.0	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg. Cm <sup>2</sup> in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm internal 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 slab 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.(i) Inside dimensions 455mmx 610mm and 450mm deep for single pipe line. (more than 10 ton)	8	Each	0.00	0.00
195.0	Rate shall include excavation, back filling and all other operations necessary for completing the job.	2	Each	0.00	0.00

196.0	Variable Speed Hydro-booster System for domestic water supply : Compact self contained Hydro-booster system comprising of following : In-line, vertical multistage, centrifugal clear water pumps with SS-316L /304 casing, S.S 316L impeller and SS-304/316 shaft, SS-316L/C.I. Base CED coating & head TEFC IE3/IE4 magnetic motor with mechanical seal with Company fitted with company compliance certificate. <u>Vendor to submit performance curves and technical catalogue with all GA Drawing of the proposed model for review and information.</u> Panel mounted PLC and HMI Based multi pump controller with large graphical display with VGA 240 x 320 pixels and variable frequency drive (VFD) integrated in a Panel/Inbuilt with pump motor with IP54 class with pressure sensor transmitter (each pump each VFD), diodes to indicate pump ready, pump running and fault and capable to communicate with other controllers following MODBUS-RTU or BACNET Class-2 protocol through RS485 port. All alarms should be displayed in the controller. System should be equipped with dry running protection by both, reputed make Float (NO/NC) having 20 Mtrs Submersible Cable installed in the Tank & 0-10V DC Device installed on Suction Header. Indication of all type of faults / on-off status / electrical parameters shall be available on panel and central IBMS monitors. On-off operation for all pumps shall be available on BMS system.Global / Equivalent Make Pre-charged diaphragm pressure vessel with 3 years warranty from manufacturing date and company tested replaceable membrane, charging connection, connected to outlet header with necessary flanges, gaskets, isolating valves, nuts/bolts etc. complete (size of pressure	1	Set	0.00	0.00
197.0	(B) Providing sock pit of 5.0 Cu.m volume including excavating and filling brickbats with dry masonry work at top for 45cm.height including covering the top with stone including providing vatas in C.M. 1:3 with finishing curing etc.complete as directed.(Up to 10 ton)	4	Nos	0.00	0.00
198.0	Supply,Installation, Testing & Commissioning of Hi-wall single phase split unit with necessary ref. copper piping ,cabling and PVC drain piping for the units with 6 mm thick nitrile rubber.- 25mm dia. providing and fabricating of M S L type angle, finished with enamel paint etc complete for mounting of copper condensing unit. The distance between indoor & outdoor unit should be considered as 10 Rmt.( 3 Star rating ) 1.5 TR Capacity AC MODEL :FTL50 (Make-Daikin)	8	Nos	0.00	0.00
199.0	Supply,Installation, Testing & Commissioning of Hi-wall single phase split unit with necessary ref. copper piping ,cabling and PVC drain piping for the units with 6 mm thick nitrile rubber.- 25mm dia. providing and fabricating of M S L type angle, finished with enamel paint etc complete for mounting of copper condensing unit. The distance between indoor & outdoor unit should be considered as 10 Rmt.( 3 Star rating ) 1.8 TR Capacity AC MODEL :FTL50 (Make-Daikin)	2	Nos	0.00	0.00
200.0	Supply, Installation,Testing & Commissioning of Concealed Type 4 way Regular cassette units of Concealed Type 4 way compact cassette units along with cordless Remotes controls for all the units which shall be sleek & self diagnostic type. Buit in Drain pump is a part of unit.3.0 TR Capacity Model-FCQF36 (3 Star rating) (Make-Daikin)	2	Nos	0.00	0.00
	TOTAL				