

**BOQ FOR REPAIRS AND RENOVATION WORKS OF IIE CAMPUS BUILDINGS INCLUDING  
(ACADEMIC BLOCK, OLD HOSTEL, NEW HOSTEL, STAFF QTRS 1,2,3 AND SITE DEVELOPMENT WORKS)  
AT LALMATI GUWAHATI-29, ASSAM  
(COVERING CIVIL, SANITARY, WATER SUPPLY, ELECTRICAL, INTERIOR, FURNISHING AND SITE DEVELOPMENT WORKS)**

ITEM NO	ITEM DESCRIPTION	UNIT	TOTAL QTY	RATE	AMOUNT
1	Earth work in excavation for foundation trenches of walls, retaining walls, footings of column, steps, septic tank etc .including refilling(return filling) the quantity as necessary after completion of work, breaking clods in return filling, dressing, watering and ramming etc. and removal of surplus earth with all lead and lifts as directed and specified in the following classification of soils including bailing out water where necessary as directed and specified. (a) In Ordinary soil.	Cum	98.32		
2	Earth /sand filling in plinth in layers not more than 150mm thick including necessary carriage, watering, ramming etc .complete as directed and specified including payments of land compensation ,forest royalty sales tax and other duties and taxes as may be necessary. (a) With earth or silt or sand obtained by head load with lead upto 90m and lift upto 2m	Cum.	22.39		
3	Plain cements concrete works with coarse aggregate of size 13mm to 32mm in foundation bed for footing steps, walls, bricks works etc as directed and specified including dewatering if necessary, curing complete (shuttering where necessary shall be measured and paid separately) b) In prop 1 cement : 3 sand : 6 coarse aggregate by volume.	Cum	76.28		
4	Providing form work 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: Foundation , footings, bases of columns, pile cap, raft and mass concrete works etc (i) Using 25mm thick plank.	Sqm	57.84		
5	Providing and laying plain/ reinforcement cement concrete works in prop 1:1.5:3 (1 cement :1.5 coarse sand :3 graded stone chips, 20mm down) including dewatering if necessary and curing complete but excluding cost of form work and reinforcement for reinforced cement concrete work (form work and reinforcement will be measured and paid separately). Foundation, footing, columns with base ,tie and plinth beam, pile cap, base slab, retaining walls, walls of septic tank inspection pit and the like and other works not less than 100mm thick.(M 20)	Cum	35.05		
6	Supplying, fitting and fixing in position reinforcement bars conforming to relevant I.S. Code for R.C.C. Work/ R.B. walling including straightening, cleaning, cutting and bending to proper shapes and length as per details, supplying and binding with 20G annealed black wire and placing in position with proper blocks, supports , chairs, spacers etc. complete (up to 1st floor level). (a) TMT Bar i) TATA/SAIL	Qtl.	68.15		
7	Brick work in cement mortar with 1st class brick including racking out joints and dewatering if necessary, and curing complete as directed in sub-structure up to plinth level. (a) In proportion 1:4	Cum.	5.33		

8	12mm thick cement plaster in single coat on fair side of brick/ concrete walls for plastering up to 1st floor level including arises, internal rounded angles, chambers and /or rounded angles not exceeding 80mm in girth and finished even and smooth including curing complete as directed. (b) In cement mortar 1:4.	Sqm	1949.03		
9	m) Distemping two coats with oil bound distemper of approved brand and manufacture and of required shade on new wall surface to give an even shade, over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brooming the surface free from mortar droppings and other foreign matter and including preparing surface even and sand papered smooth. (i). Priming coat with distemper primer (ii). Top coat	Sqm Sqm	21479.98 21479.98		
10	Finishing wall with two coats of acrylic emulsion exterior coatings of approved brand of required shade, thinning by adding water as per the specification of manufacture after thoroughly brooming the surfaces to remove all dirt and remains of loose powdered materials as specified and directed by the department. c) Asian paint/Berger paint/ICI paint/J & N paint/Nerolac	Sqm	5826.69		
11	15mm thick cement plaster in single coat on fair side of brick/concrete walls for exterior plastering up to 1st floor level including arises, internal rounded angles, chambers and /or rounded angles not exceeding 80mm in girth and finished even and smooth including curing complete as directed. With cement mortar 1:4 (1 cement : 4 fine sand)	Sqm	1609.52		
12	Demolishing the plastering from walls/ R.C.C and P.C.C members without causing any damage to the wall/member upto any height including disposal of debris as directed for all levels	CUM	226.56		
13	Demolishing R.C.C. Work including stacking of steel bars and disposal of unserviceable material as directed for all levels	CUM	10.13		
14	Demolishing C.C. floors of various thickness including top layer and base course and disposal of debris as directed for all levels	SQM	109.81		
15	Dismantling and removing the existing door and window frame(chowkath) both wooden and steel of different sizes without damaging the walls and removing the frame and necessary repairs to the edges of the walls as directed by for all levels	EACH	110.00		
16	Demolishing brick work including stacking of serviceable materials and disposal of unserviceable materials as directed for all levels.	CUM	1.36		
17	Dismantling all types of ceiling, partition and wall lining and stacking the materials as directed by the department for all levels	SQM	295.00		
18	Demolishing skirting/ dado in walls/ RCC and PCC members without causing damage to walls/ member upto any height including disposal of debris as directed for all levels	CUM	157.32		
19	Dismantling of existing steel windows/ steel ventilators/ steel windows and steel ventilators without damaging the walls, removing to a safe place and necessary repairs to the edges of the walls.	SQM	248.55		
20	Supplying and filling sand in foundation trenches of column footings over slushy soil including including local carriage of materials within 8 km pumping out of water, ramming etc. complete for strengthening the bearing capacity of the soil as directed and specified including payment of forest royalty and sales tax and other duties and taxes as may be necessary	cum	112.84		
21	112 MM Thick 1st class brick nogged wall in cement mortar including racking out joints and curing complete as directed in super structure above plinth up to 1st floor level (protruding M.S. Rod/ Tor steel of column to be embedded in cement mortar and will be measured and paid separately). Cement mortar 1:4 (1 cement :4 coarse sand)	SQM	29.00		
22	Providing form work 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 flor to ceiling not exceeding 4m and removal of the same for in-situ reinforced concrete and plain concrete work in: Lintels, beams, plinth beams, girders, bressumers and cantilevers.	SQM	12.00		

23	Providing and fixing hand rail by welding etc to steel ladder railing balcony railing & staircase railing including applying a priming coat of approved steel primer MS tube (Medium) 40mm nominal boar	KG	1230.00		
24	Providing and laying plain/ reinforcement cement concrete works in prop 1:1:2 (1 cement :1 coarse sand :2 graded stone chips,20mm down) including dewatering if necessary and curing complete but excluding cost of form work and reinforcement for reinforced cement concrete work (form work and reinforcement will be measured and paid separately) Foundation, footing, columns with base ,tie and plinth beam, pile cap, base slab, retaining walls, walls of septic tank inspection pit and the like and other works not less than 100mm thick. Using admixture,plasticiser etc for air entraining, water reducing purposes including addition of agent for changing normal setting time of concrete as required(M 25)	CUM	4.23		
25	Providing two coats of Birla White Wall Care Putty(Water resistant white cement based putty for concrete/mortar walls and ceiling both internal and external) after removing all loosely adhering material from the wall surface with the help of energy stone, putty blade or wire brush and moistening the wall with sufficient quantity of clean water as specified and directed by the department.( Total thickness of two coats is maximum 1.5mm) (INTERIOR ALL FLOORS)	SQM	8321.00		
26	Applying one coat of cement primer of approved brand and manufacture on new wall surface after thoroughly brooming the surfaces free from mortar droppings and other foreign matter and including preparing the surface even and sand papered smooth.	SQM	8321.00		
27	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac) on new surface to give an even shade after throughly brushing the surfaces free from mortar droppings and other foreign matter and sand papered smooth. (a) Plastic emulsion paint of approved brand and manufacture (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac)	SQM	8321.00		
28	Providing two coats of Birla White Wall Care Putty(Water resistant white cement based putty for concrete/mortar walls and ceiling both internal and external) after removing all loosely adhering material from the wall surface with the help of energy stone, putty blade or wire brush and moistening the wall with sufficient quantity of clean water as specified and directed by the department.( Total thickness of two coats is maximum 1.5mm) (EXTERIOR ALL FLOORS)	Sqm	3866.00		
29	Applying one coat of cement primer of approved brand and manufacture on new wall surface after thoroughly brooming the surfaces free from mortar droppings and other foreign matter and including preparing the surface even and sand papered smooth.	Sqm	3866.00		
30	Applying one self-priming coat of acrylic emulsion exterior paint of approved brand, thinning by adding water as per the specification of manufacturer over freshly plastered wall surface after throughly brooming the surfaces free mortar droppings and other foreign matter and including preparing the surface even and sand papered smooth as specified and directed by the department c) Asian paint/Berger paint/ICI paint/J & N paint/Nerolac	Sqm	3866.00		
31	Finishing old/ new wall with water proofing weather coat smooth anti-fungal exterior painting of Apex brand of Asian paints and of required shade after cleaning and clearing the surface etc. including scaffolding complete as directed at all levels (two coats)	Sqm	2773.00		
32	Painting two coats (excluding priming coat) on new steel and other metal surface with enamel paint of approved brand and manufacture (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac) to give an even shade including cleaning the surface of all dirt, dust and other foreign matter. (f) Surface over 100mm in width or girt b) High gloss( asian paint/ berger paint/ ici paint/ j & n paint/ nerolac)	SQM	5097.42		

33	Applying priming coat over new wood and wood based surfaces over 100mm in girth/width after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter, sand papering and knotting. (a) with ready mixed paint, wood primer (pink)	SQM	2014.23		
34	Applying mordent solution of approved brand and manufacture on new C.I sheet for preparation of surfaces for painting @5.00 litre/100 sq. metre of surface and rubbing the solution with brush including thoroughly cleaning the surface of oil, grease, dirt and other foreign matter.	SQM	433.51		
35	Providing polished granite slab of approved quality, size, shape and thickness not less than 18 mm on floors, skirtings, treads and risers of steps over cement mortar bed 15 mm thick in prop. 1:3 (1 cement : 3 coarse sand ) including cutting where necessary finished with flush pointing with Fix-A-Tile Choksey/Sika/Pedelite/Rouf) /white cement slurry mixed with approved pigment to match the shade of granite slab, complete at all levels as specified and directed. (Cement plastering to be measured and paid separately). (Coloured pigment should be in conformity with colour of slab and as approved and directed by the Department). (i) With Fix-A-Tile (Choksey/Sika/Pedelite/Rouf)	SQM	57.92		
36	Providing Antiskid Tiles of approved quality size, shape not less than 8mm on floor, skirting over a cement mortar bed 15mm thick of 1:3 (1 cement: 3 coarse sand) approved make fix with Fix-A-Tile (Choksey/Sika/Pedelite/Rouf)/ white cement complete at all level as specified and directed. (A) CERAMIC				
	Somany made- VC Shield (Group- 25) (605x605) mm	SQM	195.00		
37	Kota-stone slab flooring of 18 mm thick over 20mm thick base of cement plaster 1:6 (1 cement : 6 coarse sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete. (1) 550mm x 550mm	SQM	41.22		
38	Providing polished ceramic wall tiles of approved quality, size, shape and thickness not less than 8mm on walls and skirtings over cement mortar bed 10 mm thick in prop. 1:3 (1 cement : 3 coarse sand ) including cutting where necessary finished with flush pointing with Fix-A-Tile (Choksey / Sika / Pedelite / Rouf) /white cement slurry mixed with approved pigment to match shade of tiles complete at all levels as specified and directed. (Cement plastering to be measured and paid separately). (Coloured pigment should be in conformity with colour of tiles and as approved and directed by the Department). (Walls means both interior and exterior walls). c) Deluxe range i) Of size 300mmx600mm and above	SQM	211.36		
39	Supplying and installing uPVC- Fixed Windows made out of Lead free green profile having "GREENLINE" mark of BIS standard uPVC multichambered sections of wall thickness 2.4mm with corners fusion welded, fully reinforced with galvanized steel 1.5/2mm including glazing bead , grooving bead, drain cap, fisher screws, packing pieces, necessary stainless steel screws etc. complete as directed. The windows must be installed complete with all kinds of ironmongery including EPDM gaskets, bridging wedges and glass packers and with suitable water draining system. Application of Silicon sealant from inside / outside of downcorning / GE or equivalent. With 5mm clear glass				
	(a) Fixed window using uPVC sections of size 58mm x 52mm x 2.4mm thick wall for frame and 58mm x 68mm having 2.4mm thick wall for glass sash having reinforcement of 1.5mm thick in both frame & sash. (WINSTA KOMMERLING/ FINESTA/ ENCRRAFT)	sqm	24.36		

40	<p>Supplying and installing uPVC- Sliding Windows made out of Lead free green profile having "GREENLINE" mark of BIS standard uPVC multichambered sections of wall thickness 2.4mm with corners fusion welded, fully reinforced with Galvanized steel 1.5/2mm including interlock profile, glazing bead, grooving bead, brush seal, aluminum sliding track, stainless steel rollers, sealing wedge block, Espag, int handle, pop up handle, keeper, drain cap, fisher screws, packing pieces with all necessary stainlessness screws etc. complete as directed. The windows must be installed complete with all kinds of ironmongery including EPDM gaskets, bridging wedges and glass packers and with suitable water draining system. Application of silicon sealant from inside / outside of Dowcorning / GE or equivalent.</p> <p><u>With 5mm clear glass</u></p> <p>(b) 2 Track Sliding Window without Flyscreen using uPVC section of size 58mm x 53mm x 2.4mm thick wall for frame, 37mm x 61mm x 2.4mm thick wall for glass sash having 1.5mm thick reinforcement for both frame &amp; sash, Interlock: 43mm x 23mm (Glass Panel) (WINSTA KOMMERLING/ FINESTA/ ENCRAFT)</p> <p>(ii) 4-Panel with 5mm clear float glass</p>	SQM	61.21		
41	<p>Supplying and installing uPVC- Casement Windows made out of Lead free green profile having "GREENLINE" mark of BIS standard uPVC sections of wall thickness 2.4mm, multichambered with corners fusion welded, fully reinforced with Galvanized steel 1.5/2mm including glazing bead, folding gasket, glazing gasket, friction stay, Espag handle, Espag, keeper, drain cap, run up block, fisher screws, packing pieces with all stainless steel screws complete as directed. The windows must be installed complete with all kinds of ironmongery including EPDM gaskets, bridging wedges and glass packers and with suitable water draining system. Fittings ROTO / GQ or Equivalent. Application of Silicon sealant from Inside / Outside of Dowcorning / GE or equivalent.</p> <p>a) Single leaf Side hung Window using uPVC section of size 58mm x 57mm x 2.4mm thick wall for frame, 58mm x 68mm x 2.4mm thick wall for glass sash.</p> <p><u>With 5mm clear float glass</u> (WINSTA KOMMERLING/ FINESTA/ ENCRAFT)</p>	SQM	47.11		
42	<p>Providing wood work in frame (chowkaths) of doors, windows, clerestory windows and other similar works wrought, framed and fixed in position in contact with C.C or brick masonry wall including supplying, fitting and fixing with M.S. hold fast (40mmx3mmx250mm) as per design embedded in cement concrete block in proportion 1:2:4 and with two coats of kiricide oiling to the timber faces in contact with C.C and masonry as directed and specified.</p> <p>(a) With sal wood</p>	CUM	2.80		
43	Exterior cladding	SQM	1038.26		
44	Re-barring for slab, beam at appropriate position strictly as per manufacture specification complete				
	8 MM	EACH	120.00		
	10 MM	EACH	85.00		
	12 MM	EACH	73.00		
45	<p>Providing VITRIFIED floor tiles of approved quality of specified size, shape and thickness not less than 18mm on floors, skirtings, risers and treads of steps over 15 mm thick base of cement mortar in prop. 1:3 (1 cement : 3 coarse sand ) including cutting where necessary finished with flush pointing with Fix-A-Tile (Choksey/Sika/Pedelite/Rouf) / white cement slurry mixed with approved pigment to match shade of tiles, mixed with approved pigment to match the shade of the tiles, complete at all levels as specified and directed. (Coloured pigment should be in conformity with colour of tiles and as approved and directed by the Department)</p>	SQM	18.23		
46	<p>Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40mm dia. M.S. tube 1.5 m centre to centre horizontal &amp; vertical tubes joining with cup &amp; lock system with M.S. tubes, M.S. tube challies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer-in-charge .The lavational area of the scaffolding shall be measured for payment purpose .The payment will be made once irrespective of duration of scaffolding.</p>	SQM	3598.00		

47	<p>Repairing of exterior plaster:  Extra for providing and mixing Integral waterproofing liquid admixture &amp; plasticiser Conplast X421 IC of Fosroc Chemicals /Rheomac 707 of BASF/Dr.Sealkit Normal Plast (Asian Chemicals) @ 100ml per bag of cement in concrete for waterproofing structures like roof slabs, basement, sunken slabs, chajjas, tunnels water tank etc. as specified and directed by the Department complete at all levels. In Plasters/ mortars of proportion: 1 : 4 (1cement : 4coarse sand)</p>	CUM	27.00		
48	<p>Roof water proofing treatment:  WATER PROOFING OF CHAJJAS, ROOF SLABS, TERRACES, SUNKEN SLABS, SEPTIC TANK,OH TANK, RAFT SLAB IN BASEMENT, WALLS ETC: Surface preparation should be done by making surface free from oil, grease, wax, dirt or any other form of foreign matter which might affect adhesion. Spalled and deeply disintegrated concrete should be removed to sound concrete and repaired. Application of waterproofing coating BRUSHBOND ROOF GUARD is high build fibre reinforced seamless waterproofing render suitable for waterproofing of old &amp; new roofs, it is a polymer base product applied in three</p>	SQM	810.00		
49	<p>Waterproofing treatment of sunken slab:  Applying 2 coats of 1mm thick elastomeric cementitious waterproofing coating Brushbond RFX of Fosroc Chemicals /Dr.Sealkit Flexbond AP 122 C (Asian Chemicals) / MASTERSEAL 550EL of BASF for waterproofing structures like roof slabs, basement, sunken slabs, chajjas, tunnels, water tank etc. after proper surface preparation and soaking the surface with water prior to application complete as specified and directed by the Department at all levels</p>	SQM	195.00		
50	<p>Expansion joint treatment:  Providing treatment of expansion joints by the following process as specified and directed by the department. (a) Preparation of groove by nosing the groove in required sizes with Cement sand mortar (in prop 1:4) mixed with Sika Latex of Sika India Ltd. /Dr. Sealkit Master Bond Latex(Asian Chemicals)@ 4% by weight of cement as specified &amp; directed by theDepartment complete after proper surface preparation including cleaning/ chipping removing all sorts of loose particles and foreign materials and cleaning surface thoroughly (surface preparation including thorough cleaning of surface to be measured and paid separately).</p>	M	52.00		
51	<p>Spalled concrete treatment: Dismantling of the spalled concrete by hacking the loose concrete till sound concrete is found. All surfaces should be free from debris or loose material and properly cleaned with REEBAKLENS the concrete remover cleaning and etching agent.</p>	SQM	805.00		
52	<p>Internal wall treatment :  Extra for providing and mixing Integral waterproofing liquid admixture &amp; plasticiser Conplast X421 IC of Fosroc Chemicals /Rheomac 707 of BASF/Dr.Sealkit Normal Plast (Asian Chemicals) @ 100ml per bag of cement in concrete for waterproofing structures like roof slabs, basement, sunken slabs, chajjas, tunnels, water tank etc. as specified and directed by the Department complete at all levels.In Plasters/ mortars of proportion: 1 : 4 (1cement : 4coarse sand)</p>	SQM	235.00		
53	<p>Rain water duct treatment: Rain water pipes &amp; ducts should be removed in a proper way so to remove the loose mortar from the brick joints and clean properly. Application of two coats of NITOCOTE CM210 an elastomeric cementitious coating, should be applied on the brick surface. plastering should be done by integral waterproofing liquid admixture for concrete and mortar CONPLAST WL</p>	SQM	110.00		

54	Grouting : Providing Grouting in R.C.C. walls & slabs by drilling holes @ 300mm c/c upto half of the wall depth in zigzag manner or as per drawings using a drill machine and fixing a nozzle of 20mm dia. for injecting a grout/ grout slurry till the refusal of injected grout material from adjacent nozzle (grouting operation pressure shall be in between 2 to 4kg per sq.cm.). Followed by cutting the exposed nozzle so as to make the wall free from the grouting pipes and to seal the gap with polymer modified mortar as specified and directed by the Department complete at all levels.	SQM	235.00		
55	<b>False Ceiling (GYP-board) : (PLAIN COFFER)</b>				
56	Supplying, fitting, fixing and painting where necessary (one coat primer and two coats of paint) M/F Suspended Ceiling which includes G.I perimetre channels of size 0.55mm thick (having one flange of 20mm and another flange of 30mm and a web of 27mm) along with perimeter of ceiling, screw fixed to brick wall / partition with the help of nylon sleeves and screws, at 610mm c/c. Then suspending G.I intermediate channels of size 45mm (0.9mm thick with two equal flanges of 15mm each) from the soffit at 1220mm c/c with ceiling angle of width 25mm x 10mm x 0.55mm thick fixed to soffit with G.I cleat and steel expansion fasteners.				
	Ceiling suspension of 0.55mm thickness having knurled web of 51.5mm and two equal flanges of 26mm each with lips of 10.5mm are then fixed to the intermediate channel with the help of connecting clip in direction perpendicular to the intermediate channel with the help of connecting clip and in direction perpendicular to the intermediate channel with the help of connecting clip in direction perpendicular to the intermediate channel at 457mm c/c, 9.5 mm/ 12.5mm tapered edged Gypboard (conforming to IS : 2095 - 1982) is then screw fixed to ceiling section with 25mm long drywall screws at 230mm c/c. Screw fixing is done mechanically either with screw driver or drilling machine with suitable attachment. Finally the board are to be jointed and finished so as to have a flush look which include filling and finishing the tapered and square edges of the boards with jointing compound, joint paper tape and two coats of dry wall topcoat suitable for Gypboard complete at all levels as specified and directed. (For light fittings, providing opening for doors, windows, ventilators etc. cut out made with frame of perimeter channel supported suitably to be measured and paid separately where necessary).				
	12.5mm thick	Sqm	315.65		
57	Supplying and installation of Armstrong Classic Lite A.tegular edge Ceiling system in the size of 600x600mmx16mm thick complete with 24mm Prelude suspension/framing system as per manufacturer's specifications	Sqm	92.88		
58	Providing 1mm laminate finish of approved brand over existing doors . <u>All existing enamel paint will be removed</u>	no	24		
59	<b>TABLE WITH CREDENZA :</b> Providing and fixing work station having a size of 5'-6"X2'-0"X2'-6" in 25mm thk. Exterior Grade Block Board of approved make for table top and sides. . A Powder coated Wire manager, Key Board Drawer size 12" x 20" x2" deep made out of 12mm. thk. Ply ,Wooden Beading Patty four side in Laminate finish run on with Heavy duty sliding Chanel The Side credenza of size 2'-6"X1'-6"X2'-6"ht. in 19 mm BWP ply with drawers &openable shutters, size 1'-3"X1'-8"X2'-5" in 19 mm BWP ply with three drawers as per the drawing, finishing in 1 mm thk laminate of approved make and shade / design etc. complete. (Please check the Side credenza size as per layout to fit site condition).	No.	10		
60	<b>LOW HEIGHT PARTITION in BWP Ply &amp; Laminate.</b> Providing and fixing Low ht. partition 4' high made out of 16 gauge 2" x 2" Alum. Framing at 2' C to C horizontally & vertically as directed or as per design / instructions. The 16 gauge aluminium angles cleats shall be used for joinery with aluminium metal screw. The aluminium framing then shall be covered with12mm.Thk. BWP ply of approved make finished in 1 mm thk laminate of approved make & shade. The Partition with Partly 10 mm thk clear float glass with four side teak wood mouldings. The partition top shall be provided with 80 mm wide x 12mm thick moulding patty in 2nd class Teak wood with Zink Polish matching Laminate colour. The rate also includes openable Flap door with locking arrangement as per requirement. The necessary openings shall be provided in the partition for the Electrical/Telephone conduits & outlets as per design/instructions	Sqm	21.64		

61	<b>FULL HEIGHT STORAGE (7' HIGH X1'-6" DEEP)</b> Providing and fixing Built in storage made out of 19 mm thk BWP Grade	Sqm.	16		
62	<b>LOW HEIGHT STORAGE (4' HIGH X 1'-6" DEEP)</b> Providing and fixing Built in storage made out of 19 mm thk BWP Grade Marine Ply 1'-6" deep, 6mm thk BWP Grade Marine Ply for the back, openable shutters with hinges as recommended & in Laminate of approved colour. 19mm. removable shelves with laminate finish on both sides edges shall be provided with leaping patties on all sides, at 16" spacing. All hinges, tower bolts, S.S Brush finish handles, ball-catches shall be of brass heavy duty. Complete with approved make Locks handles etc. complete as per design / instructions. All the shutters shall be made out of 19 mm. BWP Grade ply with 1mm laminate on both sides Please note that all Internal & External Surface finished with approved colour Laminate, Rest as per design/instructions	Rm	2.4		
63	<b>WALL HUNG STORAGE (2'-6" HIGH X 1'-0" DEEP)</b> Providing and fixing storage overhead made of 19mm thick exterior grade Phenol Formaldehyde bonded block board including providing 1.5mm thick laminated sheet in matt finished of approved make and shade including first class timber frame work. All exposed edges of the block are to be covered with Teak wood lipping as per design. Rate to including charges for brass hardware fittings as well as fixtures complete as per drawing. (Approx. size 300 mm depth and 750mm height.	Rm.	6.6		
64	<b>SOFT BOARD / NOTICE BOARD:</b> Providing and fixing Soft Board panelling (3'-0"X4'-0") made out of 12mm thick Soft Board covered with approved colour felt/cloth (Rate Rs. 350/- ) on 6 mm.Thk. BWP Grade ply backing	No.	2		
65	<b>VENETIAN/VERTICAL BLINDS :</b> Supply fitting and fixing of vertical blinds of Vista /Mac make to the windows & Glazed partition. (a) Regular (iv) 50mm	Sqm	12.24		
66	<b>Providing and supplying Swivel Chair (Mid Back)</b> In MS frame covered with breathable Mesh in black for back & Lumber support, 12 mm Moulded ply for seat with PU on it. PU Adjustable arms, Chrome base, Synchro mech. & Gas Lift etc. complete.	No.	10		
67	<b>Message Board /Pin -up Boards :</b> Supply & fixing message boards made of 12mm thick soft board with fixed over 12mm BWR plywood as backing finished with fabric (costing approx. Rs. 190/- per mts.) of approved texture, design and colour including cost of material, labour, necessary adhesive, screws etc. complete as directed by SBI /Consultant fixed flush with surfaces of wall cladding wherever required	Sqm	10		
68	<b>LINEAR / RUNNING WORK STATION:</b> Providing and fixing linear / running Work Station having a size of 4'-0"X2'-0"X2'-6"ht. in 25 mm thk. Exterior Grade Block Board of approved make for table top and side supports. The Front apron in 12mm.thk. BWP ply with approved colour Laminate & on fixed Raised panel in 12mm. Thk. Finished In approved colour Laminate for all exposed surface, fixed with S.S. Studs & the top and sides of the counter to be finished on both sides with 1 mm thk. Laminate of approved make and shade / design. A Powder coated Wire manager ,Key Board Drawer size 12" x 20"x 2" deep made out of 12mm. thk. Ply ,Wooden Beading Patty four side in Laminate finish run on with Heavy duty sliding Chanel , A drawer unit of size 1'-4"X1'-8"X2'-5" in 19 mm BWP ply with three drawers as per the drawing etc complete .(Low height partitions abutting the counters will be paid separately&also Please Check the Counter Length during execution as per plan / Site Condition).	Rft.	6.4		
69	<b>CREDENZA UNIT / STORAGE (2'-6" HIGH X 1'-6" DEEP)</b> Providing and fixing CREDENZA Unit / storage made out of 19 mm thk BWP Ply 1'-6" deep, 6mm thk BWP Grade Ply for the back, 19mm thk. BWP Grade BWP ply with drawers & openable shutters with hinges as recommended & with laminate for all exposed surface, in Laminate of approved colour. 19mm. removable shelves with laminate finish on both sides, edges shall be provided with leaping patties on all sides, at 16" spacing. All hinges, tower bolts, S.S Brush finish handles, ball-catches shall be of brass heavy duty. Complete with approved make Locks handles etc. complete as per design / instructions.	Sq.ft.	4		
70	Providing and Fixing EGO LAMINATE WOODEN Flooring as per manufacturer's specification	Sqm	70.46		

71	Varnishing two coats (excluding priming coat) on new wood and wood based surfaces under coating with flattening varnish and finishing coat with copal varnish or spar varnish to give an even surface including cleaning the surface of all dirt, dust and filling the knots, crack etc with specially made wood putty and sand papering so as to produce a smooth, dry and matt surface.				
	i) Surfaces over 100mm in width or girth	Sqm	53.00		
72	Applying two coats of wood preservative oil, colourless (Burger Products) on new wood and wood based surface, after including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter, sand papering and knotting.	Sqm	38.00		
73	Supplying and installation of Armstrong Wood Work laminate Plain Microlook edge Ceiling in the size of 600x600x18mm thick complete with 15mm Silhouette suspension / framing system as per manufacturer's specifications.	Sqm	6.48		
74	Providing and fixing of wall paneling/cladding made of 1mm. Laminate to be fitted over 12mm. Thick commercial ply wood with a wooden frame work made of 40mm. X 50mm. wooden members to be placed @ 600mm. c/c both ways. The rate included three coats of french polishing over a coat of primer etc. complete any level.	Sqm	141.11		
	<b>Message Board /Pin -up Boards :</b>				
75	Supply & fixing message boards made of 12mm thick soft board with fixed over 12mm BWR plywood as backing finished with fabric (costing approx. Rs. 190/- per mts.) of approved texture, design and colour including cost of material, labour, necessary adhesive, screws etc. complete as directed by SBI /CONSULTANT fixed flush with surfaces of wall cladding wherever required.	Sqm	3.24		
	<b>Texture Paint on Walls</b>				
76	Providing and applying Spectrum aggregate laminate coating in the branded name of SPECTRUM with its all tools, plants and machineries and scaffolding etc as per manufacturer's guideline and specification of the product. A) Spectrum Naturaplast	Sqm	12.15		
	<b>b) ARMSTRONG WOOD WORK LAMINATE CEILING SYSTEM</b>				
77	Supplying and installation of Armstrong Wood Work laminate Plain Microlook edge Ceiling in the size of 600x600x18mm thick complete with 15mm Silhouette suspension / framing system as per manufacturer's specifications.	Sqm	13.68		
78	Supplying fitting and fixing laminate suspended ceiling on metal frame with 12mm water proof plybase as per design complete with finishing as directed	Sqm	23.83		
	<b>ARMSTRONG OPTRA WALL PANEL SYSTEM</b>				
79	Supplying and installation of Armstrong Optra Wall Panel system in the size of 600x600 x25mm thick complete with 77mm x 102mm Implal suspension system as per manufacturer's specifications.	Sqm	9.72		
80	Providing, fitting and fixing 450 mm deep and 750 / 2100 mm height continuous storage with shutters and with necessary hardware with storage arrangement at bottom with middle shelf and shutter and locking arrangement as per the detail drawing enclosed made of 18mm thick water proof exterior grade block board/MDF board of				
	a) 750mm ht (low height)	Rm	14.85		
81	Vertical paneling on existing square columns / wall with 1st class timber frame and 12 mm water proof ply / MDF board finished with glass/texture paint/ acrylic board/veneer panels of approved shade/pattern etc. complete.	Sqm	10.29		
82	Supply and fixing of vertical blinds of Vista /Mac make to the windows & Glazed partition. (a) Regular (iv) 50mm	Sqm	15.84		
83	Supplying & making Planter box of size 450mmx450mm and height 450 mm with 18 mm block board / MDF Board with top beading and outside teak veneering and lamination and with inside varnish/ painting	Each	6		
84	<b>DISPLAY UNIT</b>				
	Providing and placing in position display units fabricated out of BWR 19mm block board/ 12mm thick BWR ply and finished with laminated / veneer as directed complete with 12mm glass shelves completed with varnishing	Sqm	30		
85	<b>Magnetic White Board :</b> Supplying and fixing in position Magnetic White Board of size 1800 x 1200 with all accessories like magnetic Duster, Magnetic colour markers, etc of white mark or equivalent make all complete.	Each	2		

86	Providing melamyne / PU protective and decorative coating for wood and veneer works to bring a natural finish complete using AP thinner with the spraying procedure to bring matt or gloss finish (Asian Paints)	Sqm	30.00		
<b>DISPLAY UNIT</b>					
<b>FURNITURE, CHAIRS AND OTHER ACCESSORIES</b>					
87	Providing and supplying contemporary chic design centre table (Durian/equivalent make Cat. No. ZEE/YUBONG with clear tempered glass top and clear tempered glass shelf or 1 wooden shelf and 1 drawer below the top	Nos	1		
88	Providing and supplying single seater pure leather sofa of durian-AQILA-31802/castle-X / equivalent for Director's Room	Nos	2		
89	Providing and supplying two-seater pure leather sofa of durian /castle-X / equivalent	Nos	2		
90	Providing and Fixing rubberite hollow mat at the entrance of size 5 feet x 3 feet – 3 inch	Nos	1		
91	Providing and fixing Durosoft door mat for Main Entrance Door b) 2 feet x 4 feet & 0 inch	No	1		
92	Service Trolley out of Teak Wood/ brass	No	1		
93	Removal of existing electrical wiring & fitting from conference hall , directors roomoffice space and corridor & lobby area	LS	1		
94	Removal of fire fighting system from conference hall , directors roomoffice space and corridor & lobby area	LS	1		
95	Removal of existing ceiling wall cladding etc from conference hall , directors roomoffice space and corridor & lobby area	LS	1		
96	Supply, Installation, Testing, Commission of Loop card for Addressable Panels make- MORLEY/FIRELITE/Apollo or equivalent as approved by the Deptt.)	EACH	1		
97	Supply, installation, testing & commissioning of Network Card/RS 232 Communication Board etc complete.make- MORLEY/FIRELITE/Apollo or equivalent as approved by the Deptt.)	EACH	1		
98	Supply, Installation, Testing, Commission of Addressable Semi Flush Mounting Resettable (NonBreaking Glass) MCP, Supplied with Special Reset Tool BRAND : MORLEY/FIRELITE/Apollo or equivalent as approved by the Deptt.)	EACH	4		
99	Supply, Installation, Testing, Commission of Network Card / RS 232 Communication Board	EACH	1		
100	Supply, Installation, Testing, Commission of Intelligent Addressable Optical Detector with Remote Indicator Output With Base BRAND : MORLEY/FIRELITE/Apollo or equivalent as approved by the Deptt.)	EACH	63		
101	Supply, Installation, Testing, Commission of Addressable Wall Mounting Sounder / Hooter Cum Strobe Brand : MORLEY/FIRELITE/Apollo or equivalent as approved by the Deptt.)	EACH	4		
102	Supply, Installation, Testing, Commission of Addressable Input / Ouput Module Brand : MORLEY/FIRELITE/Apollo or equivalent as approved by the Deptt.)	EACH	1		
103	Supply, Installation, Testing, Commission of Addressable Loop Isolator Brand : MORLEY/FIRELITE/Apollo or equivalent as approved by the Deptt.)	EACH	4		
104	Supply & fixing of 2X1.5sq. mm. PVC insulated copper Armoured Cable on surface/ recess/ above false ceiling etc. as required. (ISI marked )	EACH	360		
105	Clearance of service septic tank and removing the night soil and debris etc. manually from the tank/chamber to a distant place preferably during holidays or at night by bailing out the deposited night soil, burying the same in nearby trenches /pits which has been dug earlier and covering the same. The service septic tank is cleaned with clear water and completed as directed by the Department. (a) For 200 users	Each	1		

106	Clearance of service septic tank and removing the night soil and debris etc. manually from the tank/chamber to a distant place preferably during holidays or at night by bailing out the deposited night soil, burying the same in nearby trenches /pits which has been dug earlier and covering the same. The service septic tank is cleaned with clear water and completed as directed by the Department. (a) For 100 users	Each	2		
107	Cleaning & clearing the inspection chamber which is partly filled with night soil connected to septic tank soak pit with both side soil pipe of length 1.80m manually and disposed off the block by pushing with bamboo kamis as directed by the Department.	Each	16		
108	Removing and refilling old G.I. Pipes of 15mm dia with new socket, bend, tee etc. complete including the stacking the old serviceable materials at safe place as directed.	RM	171		
109	Indian type W.C Orissa pattern of size 580 x 440 mm a) White i) Parryware make	EACH	18		
110	Renewing vitreous china pedestal type water closet (European type W.C pan 400mm high ) with seat and lead ,CP brass hinges and rubber buffers , CI/MS brackets , 40 mm dia flush band with fittings including painting of fittings and brackets, required. (Flushing Cistern to be paid separately) a) White (iii) Universal Closet P Trap (Cat No.C0272) (inclusive of seat cover)	EACH	18		
111	Renewing PVC flushing cistern with all internal fittings with CI brackets including fitting and fixing standard size CP flush pipe, union clamps etc. complete as directed and specified (pipes will be measured separately) i) Parryware make a) White (i) Economy Single Flush (Cat No.C8090/C8055)		18		
112	Removing and refilling old G.I. Pipes of 20mm dia with new socket, bend, tee etc. complete including the stacking of old serviceable materials at safe place as directed.	RM	61		
113	Removing and refilling old G.I. Pipes of 25mm dia with new socket, bend, tee etc. complete including the stacking of old serviceable materials at safe place as directed.	RM	75		
114	Removing and refilling old G.I. Pipes of 32mm dia with new socket, bend, tee etc. complete including the stacking of old serviceable materials at safe place as directed.	RM	33		
115	Removing and refilling old G.I. Pipes of 40mm dia with new socket, bend, tee etc. complete including the stacking of old serviceable materials at safe place as directed.	RM	28		
116	Removing and refilling old G.I. Pipes of 50mm dia with new socket, bend, tee etc. complete including the stacking of old serviceable material at safe place as directed	RM	28		
117	Removing and refilling old G.I. Pipes of 80mm dia with new socket, bend, tee etc. complete including the stacking of old serviceable materials at safe place as directed.	RM	17		
118	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS:13592 Type A including jointing with seal ring conforming to IS :5382 leaving 10 mm gap for thermal expansion .(i) Single socketed pipes. 110 mm diameter	RM	80		
119	Dismantling C.I. or asbestos rain water pipe with fittings and clamps including stacking the material within 50 metres lead :15.42.1 75 to 80 mm dia pipe	RM	105		
120	Taking out C.I. cover with frame from R.C.C. top slab of inspection chambers of various sizes including demolishing of R.C.C. work manually/ by mechanical means and stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead as per direction of Engineer-in-charge.	Each	16		
121	Dismantling of flushing cistern of all types (C.I./PVC/Vitreous China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	Each	52		
122	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	LS			

	<b>INDIAN TYPE WATER CLOSET</b>				
123	Providing fitting and fixing vitreous water closet squatting pan (Indian type W.C Orissa pattern) with all fittings and fixtures complete including cutting and making good to the walls and floors wherever required. (Flushing Cistern to be paid separately)				
	Indian type W.C Orissa pattern of size 580 x 440 mm				
	a) White				
	iii) Jaquar make	Each	3		
	<b>EUROPEAN TYPE WATER CLOSET</b>				
124	Providing fitting and fixing vitreous china pedestal type water closet (European type W.C pan 415mm high ) with seat and lead ,CP brass hinges and rubber buffers , CI/MS brackets , 40 mm dia flush band with fittings including painting of fittings and brackets, required. (including flusing listern)				
	C) Jaquar make				
	a) White				
	(Bowl for couple closet with soft closing seat cover Size 660 x 415 x 830 s, trap-220 mm (CNS-WHT-75155 Including Cistern CNS WHT-201)	Each	16		
125	Providing fitting and fixing Vitreous china wall hang water closet (European type W.C pan 400mm high) with seat and lead ,CP brass hinges and rubber buffers , CI/MS brackets , 40 mm dia flush band with fittings including painting of fittings and brackets, required. (Flushing Cistern to be paid separately)				
	iii) Jaquar make				
	a) White				
	(II) Solo (Cat. No.SLS-WHT-6951) Size 515x370x400 ) (inclusive of seat cover and fittings)	Each	1		
126	Supplying, fitting and fixing Flush Valves				
	ii) Jaquar Make				
	Metropole Flush value Dual Flow 40 mm size ( concealed body ) with concealed sheet off provision & rectangular dual Flush plate ABS chrome Plated (3.0/6.0 Itspen flushing) code no Flv-1089 DFP	Each	1		
	FLV-1089 DFP				
127	<b>URINAL</b>				
	Providing fitting and fixing vitreous china flat back type lipped front urinal basin of with automatic flushing cistern with standard flush pipe and CP brass spreader and brass unions, etc. complete including painting of fittings and brackets, cutting and making good the walls & floors wherever required.				
	C) Jaquar make				
	a) White				
	(i) Urinal (Cat. No.URS-WHT-0704) with Sensor (Cat. No.SNR-CHR-51097)	Each	18		
128	<b>DIVISION PLATE</b>				
	(a) White				
	division plate 680x300 (Cat.No.61001)	Each	11		
129	<b>WASH BASIN</b>				
	Providing vitreous China wash basin with CI/MS brackets, C.P brass chain with plug,PVC waste pipe including painting of fittings and brackets, cutting and making good the walls wherever required. (Pillar cock, stop cocks, waste coupling are to be paid separately)				
	Wall Hang Basin				
	(C) Jaquar Make				
	(i) Cat. No.CNS-WHT-WB04 (550 x 400 x 198)	Each	14		
	Table Top Basin				
	(C) Jaquar Make				
	(ii) Solo (Cat. No. SLS-WHT-0558)	Each	1		
	Under Counter Basin				
	(C) Jaquar Make				
	(i) Continental (Cat. No. CNS-WHT-705)	Each	13		
	<b>MIRROR</b>				
	Providing fitting and fixing Decorative Mirror complete as directed and specified.				
	(B) Parryware Make				
	(a) Size 800mm x 600 mm	each	1		
	(b) size 600mmx450mm	each	45		
	<b>SHELF</b>				
130	Providing fitting and fixing Glass Shelf complete as directed and specified.				
	Glass shelf with C.P. guard rail				
	(iii) Jaquar make				

	(a) Continental 550 mm long (Cat. No.ACN-1171N)	each	27	
	(c) Kubix 600mm long (Cat. No.AKB-35771P)	each	1	
	SOAP TRAY,SOAP DISH,LIQUID SOAP DISPENSER AND LIQUID SOAP CONTAINER			
	(i) Jaquar Make			
	Providing, fitting and fixing Liquid soap dispenser and liquid soap container complete as directed and specified.			
131	(i) Jaquar Make			
	(b) Continental (Cat.No.ACN-1133N) (soap dispenser with glam bottle)	each	27	
	(c) Kubix with glass bottle (Cat. No.AKB-35735)	each	1	
	TOWEL RAIL,TOWEL RACK & TOWEL RING			
	Providing, fitting and fixing CP towel rail complete as directed and specified.			
132	(a) Jaquar make			
	(ii) Continental 600mm (Cat.No. ACN-1111N)	each	5	
	(vi) Kubix- Grab bar (300mm long) (Cat.No.AKB-35701)	each	2	
	(vii) Kubix (600mm long) (Cat.No.AKB-35711)	each	1	
	Providing, fitting and fixing Chrome Plated towel rack complete as directed and specified.			
133	(a) Jaquar make			
	(vii) Kubix (600mm long) without lower hanger (Cat.No.AKB-35781F)	each	1	
134	Providing, fitting and fixing Chrome Plated towel ring complete as directed and specified.			
	(a) Jaquar make			
	(i) Continental towel ring square (Cat.No. ACN-1121)	each	27	
	(iv) Kubix towel ring square (Cat.No.AKB-35721)	each	1	
	CHROME PLATED ROBE HOOK			
135	Providing, fitting and fixing Chrome Plated robe hook complete as directed and specified.			
	(a) Jaquar make			
	(i) Continental (Cat.No. ACN-1191N)	each	19	
	(iv) Kubix (Cat.No.AKP-CHR-35791P)	each	1	
	TOILET PAPER HOLDER			
	Providing, fitting and fixing Chrome Plated TOILET PAPER holder complete as directed and specified.			
136	(a) Jaquar make			
	(i) Continental toilet paper holder (Cat.No. ACN-1151N)	each	19	
	(vii) Kubix toilet roll holder with Flap (Cat.No.AKB-CHR-35753P)	each	1	
	WASTE COUPLING			
137	Providing, fitting and fixing Chrome Plated waste coupling complete as directed and specified.			
	(a) Jaquar Make			
	(i) 32mm (HT/FT) (Cat.No.ALD-705 / 709)	each	28	
	BOTTLE TRAP			
138	Providing, fitting and fixing Chrome Plated bottle trap complete as directed and specified.			
	(a) Jaquar make			
	(ii) Bottle trap (with internal partition) 32mm size with 300mm long wall connection pipe (Cat.No. ALD-769B)	each	28	
139	PVC PIPES,BENDS,JUNCTIONS,TEES ETC.			
	Supplying, fitting and fixing PVC pipes of 6 Kg/cm2 (Supreme/Prince) or other ISI approved including joining ,fitting and fixing wiyh clamps etc.as necessary complete at all levels including below G.L as directed and specified.			
	a) In exposed surfaces or in trenches.			
	(ii) 110mm dia.	each	510	
	(iv) 75mm dia.	each	271	
	b) Concealed by chiselling or breaking brick wall/C.C./R.C.C and making good to the damages.			
	(ii) 110mm dia.	each	99	
	(iv) 75mm dia.	each	10	
140	Supplying fitting and fixing 45degree PVC bend of (Supreme/Prince) or other ISI approved including joining , fitting and fixing etc. as necessary complete at all levels including below G.L. as directed and specified.			
	a) In exposed surfaces or in trenches.			
	(ii) 110mm dia.	each	7	
	(iv) 75 mm dia.	each	3	
	b) Concealed by chiselling or breaking brick wall/C.C./R.C.C and making good to the damages.			
	(ii) 110mm dia.	each	30	
	(iv) 75 mm dia.	each	10	

141	Supplying fitting and fixing PVC Plain single tee of (Supreme/ Prince) or other ISI approved including joining, fitting and fixing etc. as necessary complete at all levels including below G.L. as directed and specified.				
	a) In exposed surfaces or in trenches.				
	(ii) 110mm dia.	each	6		
	(iv) 75 mm dia.	each	2		
	b) Concealed by chiselling or breaking brick wall/C.C./R.C.C and making good to the damages.				
	(ii) 110mm dia.	each	11		
	(iv) 75 mm dia.	each	2		
142	Supplying fitting and fixing PVC single tee with door of (Supreme/Prince) or other ISI approved including joining, fitting and fixing etc. as necessary complete at all levels including below G.L. as directed and specified.				
	a) In exposed surfaces or in trenches.				
	(ii) 110mm dia.	each	10		
	(iv) 75 mm dia.	each	2		
	b) Concealed by chiselling or breaking brick wall/C.C./R.C.C and making good to the damages.				
	(ii) 110mm dia.	each	2		
	(iv) 75 mm dia.	each	2		
143	Supplying fitting and fixing PVC single 'Y' of (Supreme/Prince) or other ISI approved including joining, fitting and fixing etc. as necessary complete at all levels including below G.L. as directed and specified.				
	a) In exposed surfaces or in trenches.				
	(ii) 110mm dia.	each	5		
	(iv) 75 mm dia.	each	2		
	b) Concealed by chiselling or breaking brick wall/C.C./R.C.C and making good to the damages.				
	(ii) 110mm dia.	each	2		
	(iv) 75 mm dia.	each	2		
144	Supplying fitting and fixing PVC single 'Y' with door of (Supreme/Prince) or other ISI approved including joining, fitting and fixing etc. as necessary complete at all levels including below G.L. as directed and specified.				
	a) In exposed surfaces or in trenches.				
	(i) 110mm dia.	each	4		
145	Supplying fitting and fixing PVC reducer of (Supreme/Prince) or other ISI approved including joining, fitting and fixing etc. as necessary complete at all levels including below G.L. as directed and specified.				
	a) In exposed surfaces or in trenches.				
	(iv) 110 mm x 75mm	each	16		
	b) Concealed by chiselling or breaking brick wall/C.C./R.C.C and making good to the damages.				
	(iv) 110 mm x 75mm	each	5		
	GRATING				
146	Providing fitting & fixing (300x230)mm C.I. yard gully hinged Grating complete as directed and specified.				
	C.P. Grating				
	(ii) 110mm dia	each	69		
	MANHOLE COVER				
147	Providing fitting and fixing (600x600)mm 90mm thick C.I. Man hole cover and frame of 25 Kg. weight complete as directed and specified	each	4		
148	SOAK PIT AND INSPECTION CHAMBER				
	Construction of inspection pit inside measurement 450mm x450mm x450mm flush with 100mm diameter HCl/PVC pipes and cement concrete base in proportion 1:3:6 over flat brick soling, 12cm brick wall in cement mortar in proportion 1:4 finished with 13mm cement plaster in proportion 1:2 in side wall and floor. 450mm x450mm air tight C.I. inspection pit cover and frame complete including supplying of materials, necessary excavation of pit as directed.	each	6		
	AJAY FLOWGUARD CPVC PIPE				
149	Supplying fitting and fixing Ajoy Flowguard CPVC (Chlorinated Polyvinyl Chloride) pipes having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fitting including clamps at 1.00 m spacing including joining of pipes and fitting with one step CPVC solvent cement and testing of joints complete at all levels as directed and specified. (Note: Ball valve and union will be charged extra and does not comes under Accessories)				
	(i) In internal wall - exposed on wall				
	(d) 32 mm OD	rm	23		

	(e) 40 mm OD	rm	9	
	(f) 50 mm OD	rm	6	
	(ii) Concealed by chiselling or breaking brick wall/C.C/R.C.C and making good to damages			
	(a) 15 mm OD	rm	123	
	(b) 20 mm OD	rm	20	
	(c) 25 mm OD	rm	5	
	Providing fitting and fixing Jaquar make allied hand shower (health faucet) with imetre long easy flex tube in chorme finish & wall look cat no ALD-CHR 565	NO	17	
150	<b>BIB COCK</b>			
	Supplying fitting and fixing C.P. bib cock 15mm dia of approved brand directed and specified. (G.I. & C.P pipes will be measured separately)			
	<b>Jaquar make</b>			
	(a)Continental /Clarion			
	(iii)2-Way bib cock	Each	16	
	(b) Kubix-350- F/QUARTER Turn			
	ii)way bibcock with wall flange (KUB-35041f)	Each	1	
	<b>STOP COCK</b>			
151	Supplying fitting and fixing chrome plated (C.P.) stop-cock of approved brand and size as mentioned below as directed and specified.(G.I. & C.P pipes will be measured and paid separately)			
	<b>Jaquar</b>			
	(a) Continental / Clarion			
	(ii)15mm dia( Angular stop cock )	Each	64	
	(b)Kubix-F			
	(i) Angular stop cock with wall flange(Kub-35053F)	Each	2	
	<b>PILLAR COCK</b>			
152	Supplying and fitting fixing C.P. pillar cock of 15mm dia of approved brand as specified and directed.			
	<b>Jaguar make</b>			
	(a) Continental	Each	16	
	(b) SNR-CHR-51027 SENSOR FAUCET FOR WASH BASIN (director)	Each	1	
	<b>VALVE</b>			
153	Supplying and fitting gun metal country pit valve (full way valve) I.S.I. Make as specified and directed.			
	a) 50mm dia.	Each	3	
	b) 40 mm dia.	Each	3	
	c) 25 mm dia.	Each	11	
	d) 20 mm dia.	Each		
	e) 15 mm dia.	Each		
	Supplying and fitting ball valve as specified and directed..			
154	a) 25 mm dia. (gun metal)	Each	5	
	b) 20mm dia. (gun metal/Copper)	Each	2	
	Supplying fitting and fixing gun metal check valve including necessary threads to pipes.			
155	a) 50 mm dia (Heavy type)	Each	2	
	b) 40 mm dia (Heavy type)	Each	2	
	Supplying fitting and fixing G.I. Foot valve with strainer including cutting necessary threads to pipes.			
156	a) 50 mm dia (Heavy type)	Each	1	
	b) 40 mm dia (Heavy type)	Each	1	
	Providing fitting & fixing C.I. Grating to the floors complete as directed and specified.			
157	110mm dia	Each	6	
	Providing vitreous China wash basin with CI/MS brackets, C.P brass chain with plug,PVC waste pipe including painting of fittings and brackets, cutting and making good the walls wherever required. (Pillar cock, stop cocks, waste coupling are to be paid separately)			
158	Without pedestal			
	<b>Parryware Make</b>			
	White			
	Tapil Basin 500 x360	Each	20	
	Providing, fitting and fixing CP towel rail complete as directed and specified.			
159	<b>Sona make</b>			
	Towel rail Diplomat 600mm long (Cat.No.TR-0605)	Each	18	
	Providing, fitting and fixing recessed soap tray / soap dish complete as directed and specified.			
160	<b>Sona Make</b>			
	Soap dish light (cat no. TR-0661	Each	18	
	Providing, fitting and fixing Chrome Plated robe hook complete as directed and specified.			

	Agmeco make			
161	Dolfee (Cat.No.DE-00211)	Each	18	
162	Providing fitting and fixing 450mm dia. 90mm thick C.I. Man hole cover and frame of 38 Kg. weight complete as directed and specified.	Each	2	
163	Providing, fitting and fixing Chrome Plated bottle trap complete as directed and specified.			
164	Sona make			
	Bottle trap indian 40mm (Cat. No.BT-0751)	Each	18	
	In concealed surfaces or in trenches.			
	110mm dia	R.m	78.00	
	75 mm dia	Rm	27.00	
	Supplying, fitting and fixing 87.5 degree PVC bend of (Supreme/Prince) or other ISI approved including joining, fitting and fixing etc.as necessary complete at all levels including below G.L as directed and specified.			
165	In exposed surfaces or in trenches.			
	110mm dia	Each	12	
	Supplying fitting and fixing PVC Plain single tee of (Supreme/ Prince) or other ISI approved including joining, fitting and fixing etc. as necessary complete at all levels including below G.L. as directed and specified.			
166	In exposed surfaces or in trenches.			
	110mm dia	Each	4	
	Providing fitting and fixing PVC cowl of ISI make complete as directed and specified.			
167	75mm dia. PVC cowl of ISI make	Each	6	
168	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) Pipes, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings i/c fixing the pipe with clamps at 1.00m spacing. The includes jointing of pipe			
	c) 25 mm nominal outer dia pipe	R.m	20.80	
	d) 32 mm nominal outer dia pipe	R.m	30.00	
	(B) Concealed pipe with cutting chases & making good the walls			
	a) 15 mm nominal outer dia pipe	R.m	82.8	
	b) 20 mm nominal outer dia pipe	R.m	23.4	
	Supplying fitting and fixing C.P bib cock 15mm dia of approved brand directed and specified.(G.I & C.P pipes will be measured separately).			
169	Essco make (Delux/Sumthing spl/Tropical)			
	Bib cock short body	Each	18	
	Supplying fitting and fixing chrome plated (C.P.) stop-cock of approved brand and size as mentioned below as directed and specified.(G.I. & C.P pipes will be measured and paid separately)			
170	Sona Brand.			
	15 mm dia Concealed Stop Cock	Each	36	
	Supplying and Fitting C.P Pillar Cock of 15mm dia of approved brand as specified and directed.			
171	Sona make			
	Heavy Type	Each	18	
	Providing fitting and fixing vitreous china pedestal type water closet (European type W.C pan 400mm high ) with seat and lead ,CP brass hinges and rubber buffers , CI/MS brackets , 40 mm dia flush band with fittings including painting of fittings and brackets, required. (Flushing Cistern to be paid separately)			
172	Parry ware make			
	White			
	Petite (SLP) CAT No. c0287/88	Each	18	
	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion (i) Single socketed pipes.			
173	110 mm diameter	RM	40.00	
174	Supplying, fitting and fixing PVC flushing cistern with all internal fittings with CI brackets including fitting and fixing standard size CP flush pipe, union clamps etc. complete as directed and specified (pipes will be measured separately)			
	parryware make			
	White			
	Economy single flush (cat no C8090/c.8055)	Each	18	

175	Supplying fitting and fixing overhead adjustable Chrome Plated (C.P.) spray shower 15mm dia. of Sona make with wall flange as directed and specified.(pipes will be measured and paid separately) a) supreme shower with arm	Each	18		
	Wiring in surface/ recessed PVC conduit FR (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) cable				
176	Wiring for light/fan/call bell point with 2x1.5 sq. mm. P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) in surface/ recessed conduit wiring system with 20mm dia 2mm thick / heavy rigid PVC IS: 9537 Part - III conduit (Berlia/ AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) complete				
	Short point up to 3.00 metre. length.	Each	24		
	Medium point up to 6.00 metre. Length.	Each	35		
	Long point up to 10.00 metre. Length.	Each	44		
177	Wiring for 5/6 pin 16 Amps power plug point with 4 sq. mm. P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) in surface/ recessed conduit wiring system including earth continuity with 2.5 sq. mm cable to the 3rd pin of the socket as required complete with 20 mm. dia. 2mm thick/ heavy ISI marked IS: 9537 PART - III rigid PVC conduit (Berlia/ AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.)				
	Long point up to 10.00 metre. Length.	Each	27.00		
178	Wiring to 5 a pin 6 Amps plug point with 1.5 sq. mm P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) in surface/ recessed 2 mm thick/ heavy rigid ISI marked IS: 9537 PART - III rigid PVC conduit (Berlia/ AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) wiring system including earth continuity with 1.5 sq. mm. cable to third pin of the plug socket etc. as required complete.				
	Long point up to 10.00 metre. Length.	Each	28.00		
179	Wiring for 5 pin 6 amp plug with 1.5 sq mm P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) including 5 pin 6 amp socket outlet (Anchor penta /Gold medal /Kolor kany.Kom/Havells or equivalent make as approved by the Deptt.)make) and 6 amp flush type switch (Anchor penta /Gold medal /Kolor kany.Kom/Havells or equivalent make as approved by the Deptt.)make) earthing the 3rd pin of the socket as required on the switch board in surface/ recessed P.V.C. conduit wiring system. When fitted on same board of light and fan.	Each	30.00		
180	Wiring for circuit wiring with P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) in surface/ recessed PVC conduit (Berlia/ AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) wiring system.				
	With 2 x 1.5 sq. mm. cable in 20 mm dia. 2mm thick/ heavy rigid PVC IS: 9537 Part - III conduit.	Metre.	345		
181	Wiring for drawing sub-main line with P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) PVC conduit (Berlia/ AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) including earth continuity in surface/ recessed 20 mm. dia. 2mm thick/ heavy ISI marked IS: 9537 PART - III rigid PVC conduit wiring system.				

	With 2 x 2.5 sq. mm. + earth continuity with 1x1.5 sq. mm. in 20 mm. dia. 2mm thick/ heavy rigid PVC IS: 9537 Part - III conduit.	Metre.	970		
	With 2 x 4 sq. mm. + earth continuity with 1x2.5 sq. mm. cable in 20 mm. dia. 2mm thick/ heavy rigid PVC IS: 9537 Part - III conduit.	Metre.	25		
	With 2 x 6 sq. mm. + earth continuity with 1x 4 sq. mm. cable in 25 mm. dia. 2mm thick/ heavy rigid PVC IS: 9537 Part - III conduit.	Metre.	215		
182	Wiring for drawing sub-main line with P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) in surface/ recessed PVC 20 mm. dia. 2mm thick/ heavy ISI marked IS: 9537 PART - III rigid PVC conduit (Berilia/ AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) wiring system.				
	With 4x 6 sq. mm. + earth continuity with 2x4 sq. mm. cable in 32 mm. dia. 2mm thick/ heavy rigid PVC IS: 9537 Part - III conduit.	Metre.	30.00		
	With 4 x 10 sq. mm. + earth continuity with 2x6 sq. mm. cable in 40 mm. dia. 2mm thick/ heavy rigid PVC IS: 9537 Part - III conduit.	Metre.	150.00		
183	FITING AND ACCESSORIES				
184	Fitting and fixing of brackets on the wall in GI/ MS switch board (ISI marked) half conceal on wall with phenolic laminated sheet cover with all accessories such as GI/ MS switch board (ISI marked) with phenolic laminated sheet cover including connection as approved by the Deptt.)as required complete.	Each	1.00		
	<b>SWITCH GEAR &amp; PROTECTION</b>				
	<b>INDUSTRIAL SOCKETS, DB WITHOUT MCB &amp; MCCB , MCB, RCCB,RCBO, SFU, CHANGE OVER ETC. (C&amp;S, Havells, INDOASIAN, HPL OR EQUIVALENT as approved by the Deptt.)MAKE</b>				
185	Supplying fitting and fixing industrial Plug & Socket in surface mounting SPN sheet steel powder painted MCB DB incorporated with MCB DIN rail, neutral link Earth bar of the following rating of DP MCB complete with making necessary connection etc. as specified and directed by the Deptt.				
	25A Capacity. (C&S, Havells, INDOASIAN, HPL or equivalent as approved by the Deptt.)make	Each	4.00		
	<b>MCB DB (ABB, SCHNEIDER MG, LEGRAND, HAGER MAKE) &amp;(SCHNEIDER NEO BREAK, C&amp;S, Havells, INDOASIAN, HPL OREQUIVALENT MAKE AS PPROVED BY THE DEPTT.)</b>				
186	Supplying with fitting and fixing sheet steel, phosphatised, powder painted dust & vermin proof Double door IP-43 surface mounting SPN MCB DB incorporated with bas-bar, Neutral link, Earth bar and din rail etc fitted on wall with grouting nuts & bolts as reqd. complete with making necessary connection as approved, specified and directed by the deptt.				
	12 way SPN double door	Each	7.00		
187	Supplying with fitting and fixing sheet steel, phosphatised, powder painted dust & vermin proof Double door IP-43 double door surface mounting TPN MCB DB incorporated with bas-bar, Neutral link, Earth bar and din rail etc fitted on wall with grouting nuts & bolts as reqd. complete with making necessary connection as approved, specified and directed by the deptt.				
	ABB, Schneider MG, legrand, Hager make				
	4 way TPN (4+12) double door	Each	3.00		
188	<b>MCB, MCCB, RCCB, RCBO (ABB, SCHNEIDER MG, LEGRAND, AND HAGER MAKE) &amp; (SCHNEIDER NEO BREAK, C&amp;S, Havells, INDO ASIAN, HPL OR EQUIVALENT MAKE AS PPROVED BY THE DEPTT.) MCB (Conform to IS / IEC 60898-1:200/ MCCB (Conform to IS/IEC 60947- RCCB (Conform to IS/IEC 12640 / 61008)</b>				
189	Supplying with fitting and fixing single Pole 10 KA 240/415V 50Hz MCB of the following capacity complete with making necessary connection as approved, specified and directed by the deptt.				
	C Series(Schneider MG, legrand, Hager make)				
	6 to 32A	Each	84.00		
190	Supplying with fitting and fixing DP 10 KA 240/415V 50Hz MCB of the following capacity complete with making necessary connection as approved, specified and directed by the deptt.				
	C Series(ABB, Schneider MG, legrand, Hager make)				
	6 to 32A	Each	5.00		
	40A	Each	1.00		

191	Supplying with fitting and fixing 4P 10 KA 240/415V 50Hz MCB of the following capacity complete with making necessary connection as approved, specified and directed by the deptt. C Series (ABB, Schneider MG, legrand, Hager make) 40A	Each	4.00		
192	Supplying with fitting and fixing 30/100/300mA sensitivity 240/415V 50Hz DP RCCB of the following capacity complete with making necessary connection as approved, specified and directed by the deptt. 30mA sensitivity DP RCCB(ABB, Schneider MG, legrand, Hager make) 25A	Each	5.00		
193	100/300mA sensitivity DP RCCB(ABB, Schneider MG, legrand, Hager make) 25A	Each	2.00		
194	Supplying with fitting fixing of 6 amp one way modular clip in bell push MODEL RANGE LEGRAND (ARTEOR), ANCHOR (AVE), MK (BLENZE), SCHNEIDER (ZENSELO), CRABTREE(MURANO) including making necessary connection as per direction of department.	Each	1.00		
195	Supplying including installation of socket outlet 10/16 Amps 3/5 pin combine shuttered complete , MODEL RANGE LEGRAND (ARTEOR), ANCHOR (AVE), MK (BLENZE), SCHNEIDER (ZENSELO), CRABTREE(MURANO) including making necessary connection as per direction of department.	Each	15		
196	Supplying including installation of socket outlet 6/10/13 Amps INTERNATIONAL SOCKET , MODEL RANGE LEGRAND (ARTEOR), ANCHOR (AVE), MK (BLENZE), SCHNEIDER (ZENSELO), CRABTREE(MURANO) including making necessary connection as per direction of department.	Each	66		
197	Supplying with fitting fixing of 16 amp one way modular clip in switch, MODEL RANGE LEGRAND (ARTEOR), ANCHOR (AVE), MK (BLENZE), SCHNEIDER (ZENSELO), CRABTREE(MURANO) including making necessary connection as per direction of department.	Each	29		
198	Supplying with fitting fixing of 6/10 amp one way modular clip in switch, MODEL RANGE LEGRAND (ARTEOR), ANCHOR (AVE), MK (BLENZE), SCHNEIDER (ZENSELO), CRABTREE(MURANO) including making necessary connection as per direction of department.	Each	119		
199	Supplying including and fixing of following Metal boxes for MODEL RANGE LEGRAND (ARTEOR), ANCHOR (AVE), MK (BLENZE), SCHNEIDER (ZENSELO), CRABTREE(MURANO) in surface/ recessed system complete as per direction of department.				
	1-2 module type Metal	Each	14		
	3 module type Metal	Each	24		
	6 module type Metal	Each	14		
	8 module type Metal	Each	6		
	9 module type Metal	Each	3		
	12 module type Metal	Each	7		
18 module type Metal	Each	2			
200	Supplying including fitting fixing of following MODEL RANGE LEGRAND (ARTEOR), ANCHOR (AVE), MK (BLENZE), SCHNEIDER (ZENSELO), CRABTREE(MURANO) front plate of suitable colour as per direction of department.				
	2 module	Each	14		
	3 module	Each	24		
	6 module	Each	14		
	8 module	Each	6		
	9 module	Each	3		
	12 module	Each	7		
18 module	Each	2			
201	Supplying with fitting fixing of blank plate single in modular switch system , MODEL RANGE LEGRAND (ARTEOR), ANCHOR (AVE), MK (BLENZE), SCHNEIDER (ZENSELO), CRABTREE(MURANO) including making necessary connection as per direction of department.	Each	48.00		
202	Supplying with fitting and fixing of 25A Modular Motor Starter 2M , MODEL RANGE LEGRAND (ARTEOR), ANCHOR (AVE), MK (BLENZE), SCHNEIDER (ZENSELO), CRABTREE(MURANO) including making necessary connection as per direction of department.	Each	6.00		
203	<b>CEILING FAN, EXHAUST FAN AND AIR CURTAIN</b>				
	Supplying including fitting fixing of following A.C. Exhaust fan in the existing hole on the wall of following sweeps with making necessary connection as approved by the Deptt.as required complete and as directed by the Department. Domestic Trans Air 300 mm sweep (Crompton make)	Each	1.00		

204	Supplying including fitting fixing of following A.C. Wall fan in the wall of following sweeps with making necessary connection as approved by the Deptt.)as required complete and as directed by the Department.				
	Swing platina with plastic blade, 400 mm sweep	Each	13.00		
205	INVERTER/ UPS AND RACK FOR LAN WORKS/ LAN WORKS/AVR				
206	Supplying including installation of UPS 2 KVA On-Line UPS System (Orion or equivalent make as approved by the Deptt.) with PWM-IGBT technology 230V AC Input (160V – 280V A 1 Ph input 1 Ph output With Isolation Transformer 1.6KW output with 0.8 output PF30 min backup using SMF battery	Each	2.00		
	APWD Luminaires approved by CE New				
207	Supplying, installation, testing and Commission of the following indoor Decorative Surface mounted 2' x 2' LED down lighter luminaries of model no-SM365C LED 32 -6500 PSU OD GR / SM365C LED 32 -6500 PSU OD GH / SM365C LED 32 -6500 PSU OD GR / SM365C LED 32 -6500 PSU OD WH/ LSVR01S0365C / LSVR01S0365SN / LSVR01S0365SW/ CRCO10S038HP57G1 complete with all accessories such as ballast, starter etc. In the false ceiling type Armstrong /Gypsum or similar ceiling mounting with necessary support with 1.5 sq.mm. P.V.C. insulated S.C.copper conductor as required and as directed by the department ( Philips / Jaquar / Wipro make).	Each	50.00		
208	Supplying, installation, testing and Commission of the following indoor Decorative Recess mounted LED down lighter luminaries of model no-LESP01R009XC / LESPO1R009XN /LESP01R009XW / L00957R000 / L00940R000 / L00930R000 /LD90-111 - XXX-65-XX complete with all accessories such as ballast, starter etc. In the false ceiling type Armstrong /Gypsum or similar ceiling mounting with necessary support with 1.5 sq.mm. P.V.C. insulated S.C.copper conductor as required and as directed by the department ( Jaquar / LT / Wipro make).	Each	22.00		
209	Supplying, installation, testing and Commission of the following indoor Decorative Recess mounted LED down lighter luminaries of model no-DN 393 B LED 12 S-6500 PSU WH / D01257R000 / D01240R000 / D01230R000 / CRDL11R017HP57 complete with all accessories such as ballast, starter etc. In the false ceiling type Armstrong /Gypsum or similar ceiling mounting with necessary support with 1.5 sq.mm. P.V.C. insulated S.C.copper conductor as required and as directed by the department ( Jaquar / LT / Wipro make).	Each	57.00		
210	Supplying fitting & fixing of LED Bulb non-dimmable in the existing batten / angle holder as required and as directed by the department ( Jaquar or eqvt. make).				
	Prima Series Bulb 9W	Each	1.00		
211	Supplying fitting & fixing of LED Kubik Batten tube light fitting 300mm length as required and as directed by the department ( Jaquar or eqvt. make).				
	kubik Series Batten tube fitting 6W	Each	1.00		
212	Supplying, installation, testing and Commission of the indoor Decorative LED Recess-mounted, white powder-coated CRCA housing with full mounted acrylic diffuser (1ft x 4ft) of make Jaquar Model Ultima Cat No. LULT04S036XN or equivalent complete with all accessories such as ballast, starter etc. In the false ceiling type Armstrong /Gypsum or similar ceiling mounting with necessary support with 1.5 sq.mm. P.V.C. insulated S.C.copper conductor as required and as directed by the department ( Jaquar / LT / Wipro make).	Each	6.00		
<b>TOTAL RS.</b>					
<b>AMOUNT IN RUPEES</b>					