

BOQ OF COMPOSITE INTERIOR FURNISHING AND ELECTRICAL WORK
IN SECOND FLOOR, RBO-KORBA, AO-BILASPUR C.G.

(ACCORDING TO PREVAILNG MARKET RATES)

S.No.	Description of Item	Qty	Unit	Rate	Amount
Part A : Interior Works :					
	<i>Mode of Measurements : Area of exposed and finished surfaces will be measured.</i>				
1	Gypsum Board False Ceiling :	40.00	Sqm		
	Providing & Fixing to Water Level & made to shape 12mm. thick Gypsum Board False Ceiling of GYPBOARD make including finishing Joints with Joining Compound, Paper Tape & a coat of Primer and sand preparing surface smooth. 12mm. thick GYPBOARD Sheets shall be fixed to metal frame made of Ceiling Channels 50mm.X 25mm.X 22 Gauge at 45Cm. to 60Cm. center to center, Intermediate Channels will be provided at app. every 90Cm. c/c and Perimeter Channels (MF 6/A) 20mm. X 25mm. all along the Wall / Beam, Strap Hangers for Suspending Frame work with nuts & bolts (P-526), Connecting Clips with Wall Screws 25 mm. of 5mm. dia X 40mm. with Bolts as per Standard Design & Specific-ations of GYP INDIA LTD. and all hardware required including two Coats of Plastic Emulsion Paint of required shade & color over a coat of Cement Primer to give an even & smooth Finish after removing Dirt, Dust & other Particles, complete as per Architect's Instructions. (Make- Gyp India Limited & Channel frames also of Gyp Steel)				
2	Cove in ceiling :	5.00	Rmt		
	Same as above but providing, making and fixing Gypsum cove (inside height 150 - 200 mm and border 75 mm) to hide strip/cove light in ceiling or to act as pelmet for roller blinds on windows or for projector screen, including two Coats of Plastic Emulsion Paint of required shade & color over a coat of Cement Primer to give an even & smooth Finish after removing Dirt, Dust & other Particles, complete as per Architect's Instructions. (Make- Gyp India Limited & Channel frames also of Gyp Steel)				
3	Mineral Fibre Grid Tile Ceiling :	58.00	Sqm		
	Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanizedsteelsections (galvanized @120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and second arycross"T"of length 600mm and size24x25mm made of 0.30 mm thick (minimum) sheet to be interlocked atmiddle of the 1200x600 mm panel to form grids of600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc				
	Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mmGI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center tocenter along main T, bottom exposed width of 24 mm ofall T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawingsand as directed by Engineer-in-charge. GI Metal Ceiling Lay in plain Tegular edge Global white colour tiles of size 595x595 mm, and 0.5 mm thick with 8mm drop; made of G I sheet having galvanizing of 100 gms/sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending				

4	Full Height Partly Glazed Partly Wooden Double Skin Plywood Partitions with Etching :	2.00	Sqm		
	Providing and fixing full height partly glazed double skin partitions made out of Frame work to be 50mm X 50mm X 1.60 mm thick aluminum section weight not less than 0.836 kg/rmt with maximum distance of 450mm c/c both ways(Horizontal/ Vertical) or as directed, firmly fixed to floor or slab with 65 to 75 mm long screw or as directed by the Bank's Engineer as per site conditions with necessary grooves and cuts etc. including antitermite treat-ment to all wooden members wherever used. The partition to be sandwiched with 8 mm MR plywood from both the sides and finished with 1.0mm thick approved shades of laminated finish & match the panelling pattern with grooves painting. Additional wooden members to be provided wherever door is to be provided. Wood shall be treated with antitermite chemicals.The cost shall include all labor, materials, strictly, as per the given design & drawing etc.				
5	Low Height partitions With / Without Glass with Etching :	20.00	Sqm		
	Providing & fixing full height partly glazed double skin partitions made out of Frame work to be 50mm X 50mm X 1.60 mm thick aluminum section weight not less than 0.836 kg/rmt with maximum distance of 450mm c/c both ways(Horizontal/Vertical) or as directed, firmly fixed to floor or slab with 65 to 75 mm long screw or as directed by the Bank's Engineer as per site conditions with necessary grooves & cuts etc. including antitermite to all wooden members wherever used. The partitions to be sandwiched with 8.0 mm / MR plywood from both the sides & finished with 1.0mm thick approved shades of laminat. finish & match the panelling pattern. The borders /edges to be lained finish. The cost shall include all labor, materials, strictly as per the given design & drawing etc. in complete. One additional section 50 x 50mm shall be placed at 700 mm level from floor to fix the table. Additional wooden members to be provided wherever door is to be provided. Wood shall be treated with antitermite.				
6	Wall / Column Panelling	20.00	Sqm		
	Providing, making & fixing single skin paneling (type I using 8 mm thick MR plywood) on walls, front facia, boxing for rolling shutter, and/or columns & /or glazing soffits at various parts of the premises, upto 3 mt height and boxing of 0.10 mt. ht., as required, made out of 25 x 25 x 1.0 mm thk weighing 0.467 kg/rmt aluminum frame, vertical and horizontal sections placed at 450 mm c/c both ways or less as per site condition and finished with 6/8 mm thick MR plywood shall be fixed over the frame (either in one plane or at different levels) finished with 1mm thick decorative laminate of approved made and shade with grooves painting (in one or multi colour) shall be fixed with proper adhesive as directed. Top of the paneling edges / is to be provided with laminate or teak wood decorative beeding of 35mm x 20 mm finished with polish/painting as.				
7	MDF Panelling :				
	6 mm : same as item no. 6 but 6 mm thick for groove depth for BM Cabin. (Groove to be shaded with off-white colour).	5.00	Sqm		
8	Toughned glass doors, at entrance with Etching	1.80	Sqm		
	Providing, and fixing 12mm thk single/ double shutter <u>Toughned glass doors, at entrance</u> , etc. (each door shutter counted individually) of size 2.10 m ht x (0.75 m - 1 m wide) (approx. as per site requirement) as demarcated, swing type door openable both sides made out of 12 mm thk. clear toughened float glass, edge polished, fixed in wooden top & bottom rails of approved colour & finish, fixed on Everite/ozone/ Hardwyn/ Dorma or equivalentI nclude Floor Machine set, upper patch, lower patch,lock key plate, provision of locking system, etc. as per approval. One set of 25 mm dia S. S. brush finish pull handles (approx. 450mm length) "C" shaped, of appoved make & design on both sides. Including providing "PUSH" * "PULL" sticker lables of approved design & make. The rate to include all materials, labour, transport, taxes, delivered and placed in position at site of work. Each door shall be treated individually with complete set of accessories to be provided on each door.				

9	Flush/Glazed & Panelled Door with Etching:	3.00	Sqm		
	Providing and fixing single shutter flush doors of approx size 2.10 m x 0.75 - 0.9 m as instructed, hinged type door openable one side as instructed, made up of superior quality waterproof flush door partially glazed (cost of glass included). The door shall be flush door of approx. 32-38 mm thickness, both sides 1 mm thk laminate as per design. Cost shall be inclusive of beadings, all accessories like SS hinges, medium quality mortise handles/locks, baby latches, stopper, etc. Fittings shall be in SS finish as per approval, the cost shall include p/f of door closers of reputed brand as per approval with all doors.				
	Furnitures :				
	<i>Note : All tables and side storage units to be made out of a combination of 18mm, 12mm, 8mm and 6mm thick MR plywood of approved make as mentioned in respective items. The top and exposed sides of the tables as well as storage units to be finished with 1 mm thick plain or textured laminate of approved made and shades and 0.7 mm thick lamination on internal surfaces of approved made and shade. All table tops to be provided with 12x40mm teakwood/ Rubber wood/ steam beach wood beading on edges duly polished/ painted, unless otherwise mentioned in the respective items. For all exposed edges of the plywood, teak, wood lipping of size 20 x 6 mm to be provided finished with polish/ paint. ..contd..</i>				
	<i>No vertical edge of the table & storage units should be left sharp. All drawers in tables shall be provided with single multidrawer lock of Ebco or Godrej made and storage units to be provided with individual "Godrej" make multipurpose lock. Hardware will be SS brush finish / approved make/ design viz. Stainless Steel hinges, Magnetic ball Catches, Stainless Steel Locks, approved design Stainless Steel Handles, Stainless Steel Brush finish wire manager, (all SS brush finish) etc.. All the edges of the MR plywood in contact with floor also to be provided with teak wood lipping of size 20 x 6 mm. Nylon Buffers of suitable size to be provided under the tables and storage units fixed with screws, wherever required.</i>				
A	Tables :				
	<i>Providing and supplying Officer's table and other tables as detailed below :</i>				
i	<i>The table shall be of size of 1500 x 750 x 750 mm height, with edges been double thick having one side drawer Unit, 350 mm wide (clear internal size) one M S powder coated keyboard tray with mouse tray (measured separately) as manufactured by ebco (KBTM 45) or EGL (KBT-M-001) including sliding channel as per manufactures specification.</i>				
ii	<i>Table top of size 1500 x 750 mm (exluding beading) made of 18 mm thick MR Plywood finished with 1 mm thick laminate on external surfaces and 0.7 mm thick lamination on internal surfaces of approved made and shade incl TW half round beading of sect 20 x 12 mm duly polished. All vertical supports from tapron and gable ends of the table are to be made out of 18 mm thick MR plywood finished with 1 mm thick laminate (upto Rs. 900/- per Sqm.) on external surfaces and 0.7 mm thick lamination on internal surfaces of approved made and shade.</i>				

iii	Drawer unit of width 350mm (clear internal), consisting of set of 3 nos. of drawer (or storage below one drawer as required). Each drawer to be made of 18 mm thk. MR Ply wood for the front and rear 12 mm MR Plywood for sides and 6mm thk MR ply for the bottom sliding on Quadrail slides as manufactured by heavy duty telescopic drawer slides (HTDS 50 of ebco Make). Incl. teak wood lipping of size 19 x 6 mm on edges for the drawer. The front face of the drawers to be finished with 1 mm thick laminate of colour matching with table top laminate. All edges of the drawer unit to be provided with teak wood beading of sect. 20 x 6 mm after fising the laminate and duly polished. No vertical edge of the drawer unit should be left sharp.				
iv	Providing multidrawer Godrej or Ebco single lock and approved brass handle for each drawer. Providing circular holes in table top for cables with PVC cable managers of 65 mm dia and cap. 1 mm thick laminate on external surfaces and 0.7 mm thick lamination on internal surfaces of approved made and shade to bottom of table top, drawers & inside the drawer unit etc complete. One footrest of plywood / salwood of cross-section 70 x 35 mm finished with painting.				
v	On the left side platform at bottom for CPU. The bottom compartment made up of 18mm thick. MR plywood. The exposed edges of the plywood to be provided with TW lipping of size 20x6 mm duly polished.				
vi	One M S powder coated keyboard tray with mouse tray as manufactured by ebco (KBTM 45) or EGL (KBT-M-001) including sliding channel as per manufacturers specification to be provided below the working platform.				
vii	Apron or Modesty panel: made out of 18 mm thick MR ply. Outer surface finished with 1 mm thick post lamination at site of approved make and shade as per design shown in drawing in colour with 2 nos. 25mm high bands of 1 mm thick lamination colour matching with skirting and 2 nos 50mm high bands of 1 mm thick lamination colour matching with apron lamination. All internal surfaces are to be finished with apron lamination. Foot rest of ply wood with support of section 70x 35 mm to be provided finished with painting.				
10	Executives B.M.'s Table :	1	Nos.		
	Same as item no. 14. I, ii, iii, iv, v, vi, vii But Providing and supplying Executives Branch Manager of minimum size 1.95m x 0.90 m x 0.75 m ht.				
11	Officer, Relationship Manager/ Auditor Tables :	8	Nos.		
	Same as item no. 14. I, ii, iii, iv, v, vi, vii But Providing and supplying Officer, Relationship Manager/ Auditor Tables : of minimum size 1.50m x 0.75 m x 0.75 m ht.				
12	Assistant Tables :	8	Nos.		
	Providing, making and placing in position arch shape 1650mm long Grahak Mitra Table of approximate size 1650mm x 800mm - 900mm x 750mm with the following specifications and per dimensions specified. Grahak mitra table with transaction top of 370mm wide and height 150 mm made out of 12mm glass with blue laquered to be fixed with SS studs.. Exposed faces would be finished with 1 mm thick laminate on external surfaces and 0.7 mm thick lamination on internal surfaces of approved made and shades.". The table shall have provision only for concealed LED strip lighting (cove type).				
13	Continuous running table :	3.00	Rmt		
	... same as item no. 6.2.1 but providing, making and fixing in position 600 mm wide continuous table platform for computers made out of 19mm thk BWR grade plywood. The height of the platform shall be 750 mm and vertical supports/portioning shall be given at maximum 900 mm intervals. Provisioning for data and electrical cables on each table separately below tops on or inside partitions shall be included in the cost. Measurement will be in Rmt.				
14	Side Credenza :	12.00	Sqm		

	Providing, making & placing in position low height storage cabinets as storage & or runners from 350mm to 500 mm depth, height of 750 to 900 and length as per site requirement, and in 18 mm MR grade plywood construction with 6mm thk. MR grade plywood backing complete. It shall have 2 no. of 125 mm deep drawers, equal size (min. 400 mm) wide on upper side and below to drawers, the cupboard unit shall be with openable shutter & adjustable shelf all along the full width of the credenza. All drawers shall be fitted with telescopic channels and locking arrangement and cupboards shall have locking arrangement and all exposed edges of plywood shall be fitted with lamination/ teak wood beading duly polished. All bidding shall have polish/painted of matching color. All visible surfaces shall be laminated with 1 mm thick plain or Textured Laminate on external surfaces and 0.7 mm thick white lamination on internal surfaces of approved make and shade.				
15	Back Credenza	8.00	Sqm		
	Providing and supplying Back Credenza/ Runner, low height storage cabinets as storage and/or runners, in 18 mm MR grade plywood in verticals at sides, 900 mm c/c so as to form storage units attached together, each of width 900 mm. (Measurement area = Length x Height X Weidth 450mm.). It shall have 2 no. of 125 mm deep drawers, equal size (min. 400 mm) wide on upper side and below to drawers, the cupboard unit shall be with openable shutter & adjustable shelf all along the full width of the credenza. All drawers shall be fitted with telescopic channels and locking arrangement and cupboards shall have locking arrangement and all exposed edges of plywood shall be fitted with lamination / teak wood beading duly polished. All bidding shall have polish/painted of matching color. All visible surfaces shall be laminated with 1 mm thick plain or Textured Laminate on external surfaces and 0.7 mm thick white lamination on internal surfaces of approved make & shade.				
16	8 mm Glass Work on table top	17.00	Sqm		
	.. Same as item no. 7.5 but of 8 mm thickness. Also providing, making and fixing in position 8mm thick clear float glass on top of tables with tapered, rounded & polished edges, etc. complete.				
	Hardwares :				
17	Providing and fixing two lever mortise lock of Godrej Make with brass handle	2	Nos.		
18	Providing and fixing Door closers on doors of make Everite /Ozone / Hardwyn / Dorma upon approval including all packing, levelling, etc. as required.	1	Nos.		
19	Zebra Blinds :	12.00	Sqm		
	Providing & installing Zebra Blinds of Trac / Vista or equivalent, 100 mm wide, in two colours, of medium range fabric (synthetic material), of approved shade and colour, pull cords shall be 1.7mm dia. Braided nylon with a core of rayon threads. The blinds shall be operate able in any direction with a flight upto 180 degrees and can slide to one side for opening purposes.				
20	Plastic Emulsion Paint :	50.00	Sqm		
	Providing & applying Plastic emulsion paint on walls, ceiling, etc. Removing, scrapping & cleaning the existing color wash/ distem-per/oil bond distemper / plastic/ luster etc. paint by scrapping, washing and scrubbing and applying Birla putty nor equivalent. The surface shall then be allowed to dry for atleast 24 hours. It shall be then sand papered to give a smooth & even surface. Holes shall be filled with BIRLA putty, made with plaster of paris.				
21	Birla Putty :	50.00	Sqm		

	Providing & applying Birla Putty on walls, ceiling, etc. Removing, scrapping & cleaning the existing color wash/ distem-per/oil bond distemper / plastic/ luster etc. paint by scrapping, washing and scrubbing and applying Birla putty nor equivalent. The surface shall then be allowed to dry for atleast 24 hours. It shall be then sand papered to give a smooth & even surface. Holes shall be filled with BIRLA putty, made with plaster of paris.				
22	Enamel Paints to Doors, Windows, Grills, Metallic Surfaces, Walls:	20.00	Sqm		
	Providing & applying Enamel Paints to Doors, Windows, Grills, Metallic Surfaces, walls, etc. Removing, scrapping & cleaning the existing enamel paint on doors, windows, grills, metallic surfaces, etc. paint by scrapping, sand papering and scrubbing. Then first coat of primer to be applied. After this necessary leveling shall be done with putty & second primer coat shall be applied.				
	Sub Total : Part A(Interior and Furnishing Works)				
B	Part B : Electrical Works :				
23	ELECTRICAL WIRING				
	Providing, fixing, testing and commissioning of POINT WIRING of any length for light point/Wall fan point/Exhaust fan point/ Call bell point/ including call bell/ including fan box(if required), 'S' type fan hook etc with 3 X 1.5 Sq.mm(P/N/E) PVC 650V/1100V Grade FRLS WIRE insulated copper conductor single core multi stranded wire in 16 SWG(Medium Gauge) stove enamelled rigid steel conduit 20mm/ 25mm with conduit accessories like bend, junction box etc in concealed/surface manner as per site requirment with suitable Modular Switches/Sockets with plate and Metal/PVC box,Scaddle, angle bracket (if required), 3 plate ceiling rose/bulb holder etc. The floor/roof/wall junction box shoould be of MS(heavy duty) box of suitable size and covered with Steel finish Steel cover sheet by screw tight and gasket to avoid water/dust insertion..Cont.				
	The item includes Circuit wiring from DB to the switch board with 3x2.5 Sq.MM. The above wiring carried out surface or recess in wall/floor/roof should be cutting by cutter/chiesling, replastering, curing, painting with uniform and smooth finish by specialised workman ship and making the surface neat afterwards complete in all respect as per direction of Bank Engg. (EACH Circuit to take NOT MORE than 7-8 points) The conduit/ Flexible conduit/junction box/metal modular box etc must be joined by gland and check nut at both ends. (each circuit to be controlled by one MCB). The colour code of wire are as under: Phase- Red, Neutral- Black, Earth-Green				
	Make of Material for items of BOQ:- (i) Modular Type Switch/socket/step electronic fan regulator, plate, box, TV/telephone, bulb holder/3 pin ceiling rose with all accessories:- Lergand/ Anchor(Roma) /MK/ Crabtree (ii) MS conduit/PVC conduit with all accessories:- BEC/AKG/NIC/Precision (iii) PVC insulated copper wire(FR) 650V/1100 V grade:- Finolex/RR cable/ Havells				
i	Providing and fixing of point wiring with above specifications. One light point controlled by one switch.	8	Nos.		
24	Providing and fixing of Ceiling fan point controlled as under (i) one 6 amp switch (ii) one no stepped electronic regulator of two module type.	8	Nos.		
25	Providing and fixing 6 Amps Plug Points with same specs as above and install along with same light switchboard	10	Nos		
26	6 amp. Modular switch as serial no 1 on seperate Board using 2*2.5 + 1*2.5 Sqmm Copper Conductor FRLS wires from DB to first 6A, 5 Pin modular socket controlled by one 6A switch and looped to the nearest second point with same 2*2.5 + 1*2.5 Sqmm copper conductor wires FRLS insulated 1100V grade (max 3 points per circuit).	10	Nos		

27	Same as serial no.1, but wiring for 16 Amp, 6-pin sockets by using 2*4 sq.mm. PVC insulated 1100 V grade copper conductor wire with independent 1* 4.0 sq.mm earth wire from D.B. to first point 1 st socket and 1 st to 2 nd , socket with 2*2.5 sq.mm. and 1*2.5 earth wire including providing and fixing of 16 Amp, 6 –pin socket with 16 Amp. Switch. (Modular type switch/ socket/ plate etc. complete assembly) max 2 points per circuit.	17	Nos		
28	SPECIAL POINTS : (For Computers) . Supply, fixing, testing and commissioning of following Modular type switch socket with cover plate, PVC modular box on Surface / sheet steel box in concealed manner l/c electrical connections and making good all the damages, painting, cleaning the site etc complete including all accessories as per site requirement and as directed. 2 Nos. 6 A Switch + 3 Nos. 6 A, 3 pin Socket (Minimum two and Maximum three points are loop with one circuit as mentioned below)	17	Nos		
29	AC & Power Point (Single Phase) . Supply, Installation, Testing and commissioning of the surface / recess mounting A.C. / GEYSER power point with the followings : Metra Plug and Socket DBs with one Nos 20 Amp SP MCB, 20 Amp plug and socket with complete Enclosur plate and box.- 1 set i/c electrical connections and making good all the damages, painting, cleaning the site etc complete including all accessories as required as per site requirement and as directed by Bank Engineer. OR Modular 32A DP 1 way switch with plate & box 1 set. + 25A & 10A twin socket (Only one point is connected with one circuit as mentioned below)	1	Nos		
30	AC Point (Three Phase) . Supply, Installation, Testing and commissioning of the surface / recess mounting A.C. Cassette power point with the followings : Metal enclose Four way with one Nos 32 Amp FP MCB with complete Enclosur plate and box.- 1 set i/c electrical connections and making good all the damages, painting, cleaning the site etc complete as required as per site requirement and as directed. (Only one point is connected with one circuit as mentioned below) including 5 X 4 Sqmm. Copper multistrend FRLS wire in suitable size of 16 SWG (MMS) steel conduit (For Cassette AC)	3	Nos		
31	CIRCUIT WIRING :(FRLS WIRE) Supply , installation, testing & commissioning of FRLS circuit wiring measured in numbers with suitable size of MS conduit 1.6 mm thick and 25mm dia. The wiring in MS conduit is as per IS code. The average length of wiring around between(25-30) Mtr.				
a	3 X 2.5 sqmm (For UPS Circuit/6 amp Separate Board) in suitable size of 16 SWG (MMS) steel conduit as per IS code.	25	Nos		
b	3 X 4.0 sqmm (For 1 ton, 1.50, 2.00 & 2.00 Cassette AC / PowerCircuit) in suitable size of 16 SWG (MMS) steel conduit as per IS code.	3	Nos		
32	MAIN PANEL AND METER BOARD				
a	Providing & fixing 4 way vertical load line double door D.B for AC with 100 Amp. TP MCCB incomer and outgoing to be 4 Nos 32 amp TP MCB, 6 Nos 32 amp SP MCB FOR AC	1	Nos		
b	Providing and fixing 6 way TPN double door DB for LIGHT /POWER POINTS with 63 Amp TPN , controlling 18 Nos. 10/16/32 Amps SPMCBs. & Complete.	1	Nos.		
c	Providing and fixing 4 way TPN double door DB for LIGHT /POWER POINTS with 63 Amp TPN , controlling 12 Nos. 16/32 Amps SPMCBs. & Complete.	1	Nos		
33	CABLES				

	Supplying, unloading, storage, laying, testing and commissioning of PVC/XLPE insulated (Heavy Duty) Al/Cu conductor armoured cable suitable for working voltage upto and including 1100 V grade, laid and tied on existing overhead cable trays, or laid and tied over MS supports in masonry trenches with copper/al cable lugs, single compression brass cable glands, tapping, crimping etc. as required and all cables run with double run(2 No.) of GI wire of 8 SWG size .The size of cables are as under:- Make of Material:- (i) PVC/XLPC Armoured cable:- Finolex, Havells, RR cable, CCI(Cable Corp. of India) (ii) Cable Termination:- Dowells, Comet				
i	Supplying, laying, testing & commissioning of 4 C X 16 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as per specification (Light DB).	25	Mtr		
34	DATA CABLING FOR LAN				
a	Providing, fixing, testing and commissioning of all nodes of four pair UTP CAT 6 LAN cables length upto 30 meter length or less as per site condition in suitable size 20/25 mm dia, 16 SWG wall thickness rigid PVC conduit with conduit accessories like bend/junction box/ fan box etc on surface/recessed manner and making good all the damages, painting, cleaning the site etc complete as required as per site condition and as directed as required. Junction box should be covered with Stainless steel plate with screw with gasket for protection of water/dust. Providing, fixing, testing and commissioning of modular type Information Outlets with suitable size of MS/PVC modular boxes complete, all accessories with insulation displacement connectors etc suitable for CAT 6 UTP cabling with RJ-45 socket with testing and commissioning of STP cabling with scanner for all the nodes/switches/jack panel complete (Each point/circuit/cable from both load and source end to be marked with ferrules.) Make of Material:- (i) Data Cable, Cat 6 cable, Switch, Jack panel, Rack, Patch cords & Other accessories:- D-Link, Legrand	26	Nos		
b	Providing and fixing Patch Panels 30 port (100 base TX) CAT 6 patch/jack panel with connector, out lets and necessary connectivity complete as required & (D-Link make)	1	Nos		
c	Providing, assembling, fixing, testing and commissioning Floor/Wall mounted RACKS for gig switches, patch panels etc including cooling DUAL fan trays, a 10 Point PDU, Fixed Trays as necessary complete. 9 U wall mounted RACK	1	Nos		
d	Providing and fixing of flowing factory fabricated Patch cords. (UTP/CAT 6 complete with connector on both side.)				
i)	for 1 Mt. long	26	Nos.		
ii)	for 2 Mt. long	26	Nos		
e	Providing, fixing, testing and commissioning of four pair CAT 6 LAN cable in suitable size of 20/25mm PVC medium gauge 16SWG conduit including all accessories to interconnect the switches from different location.	50	Mtr		
35	Supply and installation of Vinyl sticker for on Electrical DBs like, " Switch Off at Night" , Switch Off For Safety, etc	5	Nos		
36	Making & Providing of 3 sets of Asbuilt Drawing with coloured print for entire Electrical work (Power/UPS/Light/Data/ Telephone/AC etc.) as advised by the Bank's Authority.	1	Lum sum		
	Description of light /fan fixture				

37	LED LUMINAIRES:- 2' x2' (FULL GLOW TYPE) LED light fittings (600 X600mm) dimension suitable for grid/gypsum ceiling complete with its electronic driver as required per instruction of Bank's Model No are as under:- PHILIPS:- RC380B G2 LED 35S-6500 PSU OD WH LED (FULLGLOW) WIPRO:- CRCO10RO 38 HP57 HAVELLS:- LHECDIL7IL1W036 (Edge- Lit) CG:- LCTAR3-40-CDL	17	Nos		
38	LED DOWNLIGHTER: 15 Watt, recessed mounted circular down lighter , 6" dimension with complete its electronic driver are as under:- PHILIPS:- GREENLED-DN193B LED-12S-6500 PSU WIPRO:- IRIS LED LD 71-121-XXX-50-XX HAVELLS:- LHEBJNP ZPZ 1W 015(ENDURA LOW DEPTH) CG:- LC DD-15-CDL,	20	Nos		
39	CEILING FAN: FIVE STAR RATING BLDC FAN Single phase heavy duty grease filled double ball bearing, aerodynamically designed heavy gauge aluminium blades, copper wound and impregnated silicon stamping motors etc 1200 mm sweep, brilliant white CG/ USHA/ ORIENT/ HAVELLS	8	Nos		
40	WALL FAN:- (Only Metallic Body) Oscillating wall fan with regulator i/c coonections etc complete as required as per approved make, Sweep 400/450 mm , RPM 1300 make are as under: CG/USHA/ ORIENT/ HAVELLS/ ALMONARD/ ALSTOM	2	Nos		
41	EXHAUST FAN:- Single phase, 300mm sweep, 900 rpm, metallic exhaust fan of the following single phase Exhaust fan continuously rated, capacitor start and run type, totally enclosed and ruggedly built, pre lubricated double ball bearing, copper wound, A & E class insulation, dynamically balanced, below 40 db sound level etc, front cover with grill/gravity louver for protection purpose with 12 mm plywood complete in all respect make as under: CG/USHA/ ORIENT/ HAVELLS/ ALMONARD/ ALSTOM	1	Nos		
Sub Total : Part B (Electrical Works)					
Total : Part (A+ B)				TOTAL	
Note:- The rates quoted includes all other taxes,duties, loading, unloading, transportation, other expenses etc to site.					
GST will be paid additionally as applicable					