

BOQ FOR INTERIOR FURNISHING AND ELECTRICAL DATA CABLING WORKS

A BOQ FOR INTERIOR & FURNISHING WORKS IN CANARA BANK,REGIONAL OFFICE,BHIMAVARAM					
S.No	Item	Qty	Unit	Rate	Amount
	INTERIORS				
1	ENTRANCE				
	Providing and fixing ENTRANCE (3' x7') DOOR and PARTITION (WITH TOUGHENED GLASS) Shall be 3'-0"wide Double leaf glass shutter. Door shutter made up of 12mm thick SGG SECURIT/AIS STRONGLAS- impact resistance glass with pencil polish edges all around. Etching details for glass door as per design, floor spring (double action hydraulic), bottom lock, center lock, SS brushed handle of 1'0" long 1" dia on both sides. specifications, patch fittings etc. as directed by Bank / Architect. complete as shown in drawing.Edge polish for all exposed sides of glass. (Bank logo to be etched on glass shutter and other etching to be done on fixed glass as directed by the bank .)	84	SFT		
2	FULL HEIGHT PARTITION WITH GLAZED PANEL With Door (AGM Cabin Front)				
	Providing and fixing FULL HEIGHT PARTITION with GLAZED PANEL upto 7'/7.5' height and solid partition support above the glazed panel upto false ceiling (With Door)in double skin of 9mm thk.BWR grade ply with 1.0mm thk shell finish laminate on both sides fixed to natural melamine polished Beach wood bottom, middle and top rail of 3" x 2" and concealed Alumimium section verticals of 2" x1" at not more than 4'-0" apart including fitting door frame where indicated with beach wood frame of 4" x 2" complete as shown in drawing. Each cabin shall have one door 3'-0" x 7'-0" size with 6" handles on both sides, brass hinges,Door closure (heavy duty) of approved make & locking arrangements(the door to be made out of 32mm block board) . it shall be of natural melamine polished beach wood, above 3'-0" with 6mm plain float glass and 12mmx12mm BW beading, all in natural melamine mate polished, incl. fitting door frame where indicated with beach wood frame of 4" x 2" complete as shown in drawing. (Verticals to go upto the RCC roof for support, but measurement rate shall be made only upto the false ceiling only and shall not incl. the door shutter which is a seperate item)	148	SFT		
3	LOW HEIGHT Partly Glazed With Notice Board and Pin Board				
	LOW HEIGHT (4'-0" ht.), Providing and fixing barrier partitions (maximum 4' in height at centre) between counters& Front side in Aluminium framework of size 50mm x 50mm at maximum spacing of 900mm c/c both ways with 6 mm thk BWR plywood to both sides finished with 1.5 mm thk laminate fully finished with a bottom skirting as per design, 12 mm thk clear glass ,all exposed edges to be provided with TW lipping finished with melamine polish complete as per the drawing and as directed.The Low height parition is inclusive of the Flap Door including all accessories With Notice Board/Pin Board as specified by Architect of a approved brand such as locks, handles, etc., complete as shown in drawing.	2360	SFT Internal		
5	FULL HEIGHT SOLID PARTITION With Door				

BOQ FOR INTERIOR FURNISHING AND ELECTRICAL DATA CABLING WORKS

	Providing and fixing FULL HEIGHT SOLID PARTITION in double skin of 9mm thk.BWR grade ply with 1.0mm thk shell finish laminate on both sides fixed to natural melamine polished Beach wood bottom, middle and top rail of 3" x 2" and concealed Aluminium section verticals of 2" x 1" at not more than 4'-0" apart including fitting door frame where indicated with beach wood frame of 4" x 2", complete as shown in drawing. (Verticals to go upto the RCC roof for support, but measurement rate shall be made only upto the false ceiling only and shall not incl. the door shutter which is a seperate item).	1550	SFT		
--	---	------	-----	--	--

BOQ FOR INTERIOR FURNISHING AND ELECTRICAL DATA CABLING WORKS

6	COUNTERS				
	<p>Providing and fixing OFFICER (running counters) with side unit TABLE of (4'-6" to 6'-0x2'-6"), table made out of 18 mm BWR grade ply board (approved make)structure with edges fixed with teak wooden lipping ,having officer table top 2'-6" from the ground level & 2'-6" clear top width. Each unit shall be provided with a sliding key board tray 2'-3" of wide with sliders, cupboard below the drawer with locking arrangements aluminum handle, brass hinges etc the front back & top surface shall be laminated with 1.5mm thick rubber wood laminate.12mm thk plain glass on table top as per shape with cutting for wire manager.The internal surface shall be painted with to coats of enamel paint (VANILLACREAM, CODE -3229) of Asian paints, over a coat of primer. Provision for c.p.u stand and footrest of size 75mmx 38mm shall be made at the bottom. Wire manager shall be provided at the corner of the counter top. All exposed edges of the block shall be provided with teak wooden beading (3"x1"front side and 1"x 3/4" inner side) and polishing done etc. complete as shown in drawing.</p>	32	NOS		
7	TABLES				
a	<p>AGM (8'-0"x3'-0"):Fabricating manger's Table made out of 18mm BWR Grade ply, having table top 2'-6" height from the ground level & 3'-0" clear top width,a unit of drawer in 18mm thk BWR plywood. it will have a side table of size 1'-6" x 3'-0" Table shall be provided with a sliding keyboard tray 2'-3" wide with slider, 2nos drawers on either sides and cupboard below the drawer locking arrangements, aluminum handles, brass hinges etc all exposed surface shall be laminated with 1.0 mm thk rubber wood laminate. 12mm thk plain glass on table top as per shape with cutting for wire manager. The internal surfaces shall be painted with two coats of enamel paint over a coat of primer. Provision for c.p.u stand 1'-0" x 2'-0" & foot rest of size 75mm x 38mm shall be at bottom .wire manger shall be provided to the counter all exposed edges of the block board shall be provided with teak wood beading and polishing etc, complete. All exposed edges of the block shall be provided with teak wooden beading (3"x1"front side and 1"x 3/4" inner side) and polishing done etc. complete as shown in drawing.</p>	1	NOS		
b	<p>D.V.MANAGER (6'-0"x3'-0"):Fabricating manger's Table made out of 18mm BWR Grade ply, having table top 2'-6" height from the ground level & 3'-0" clear top width,a unit of drawer in 18mm thk BWR plywood. it will have a side table of size 1'-6" x 3'-0" Table shall be provided with a sliding keyboard tray 2'-3" wide with slider, 2nos drawers on either sides and cupboard below the drawer locking arrangements, aluminum handles, brass hinges etc all exposed surface shall be laminated with 1.0 mm thk rubber wood laminate. 12mm thk plain glass on table top as per shape with cutting for wire manager. The internal surfaces shall be painted with two coats of enamel paint over a coat of primer. Provision for c.p.u stand 1'-0" x 2'-0" & foot rest of size 75mm x 38mm shall be at bottom .wire manger shall be provided to the counter all exposed edges of the block board shall be provided with teak wood beading and polishing etc, complete. All exposed edges of the block shall be provided with teak wooden beading (3"x1"front side and 1"x 3/4" inner side) and polishing done etc. complete as shown in drawing.</p>	3	NOS		

BOQ FOR INTERIOR FURNISHING AND ELECTRICAL DATA CABLING WORKS

c	SECTION HEAD(4'6"/5'-0"x3'-0"):Fabricating manger's Table made out of 18mm BWR Grade ply, having table top 2'-6" height from the ground level & 3'-0" clear top width,a unit of drawer in 18mm thk BWR plywood. it will have a side table of size 1'-6" x 3'-0" Table shall be provided with a sliding keyboard tray 2'-3" wide with slider, 2nos drawers on either sides and cupboard below the drawer locking arrangements, aluminum handles, brass hinges etc all exposed surface shall be laminated with 1.0 mm thk rubber wood laminate. 12mm thk plain glass on table top as per shape with cutting for wire manager. The internal surfaces shall be painted with two coats of enamel paint over a coat of primer. Provision for c.p.u stand 1'-0" x 2'-0" & foot rest of size 75mm x 38mm shall be at bottom .wire manger shall be provided to the counter all exposed edges of the block board shall be provided with teak wood beading and polishing etc, complete. All exposed edges of the block shall be provided with teak wooden beading (3"x1"front side and 1"x 3/4" inner side) and polishing done etc. complete as shown in drawing.	7	NOS		
7	RUNNING TABLE TOP				
	Providing & Fixing of running table top of size (4' x 2') including 8/10mm thick glass on top .with key board tray and with foot rest table has to be provided 8/10mm thick glass divider for the each table.	5	NOS		
8	FALSE CEILING				
a	FALSE CEILING (GRID) : The grid false ceiling shall be provided in the Banking Hall, Manager's etc. Refer drwgs. No. 1-4-8. the ceiling height and level shall be provided at the perimeter. The minimum height of the ceiling cavity should be 100mm. All service fittings integrated within the suspended ceiling must be independently supported from the ceiling grid by a structure designed for the purpose. Ceiling tiles: shall be armstrong fine figured classic lite RH99 of 16mm thickness. Suspension system: shall be of armstrong trulok silhouette reveal profile grid system with 15mm flanges incorporating 3mm central recess in global white with black reveal. silhouette main runners and cross tees to have mitred ends and "birdsmouth" notches to provide mitred cruciform junctions. Installation: main runners will be placed at 1200mm centres securely fixed to the structural soffit by approved hangers at 1200mm maximum centres and not more than 150mm from spliced joints. the last runner at the end of each main runner should not be greater than 600mm from the adjacent wall. 1200mm long cross tees to be interlock between main runners at 600mm centres to from 1200x600mm modules. cross tees 600mm require independent support. 600x600mm modules to be formed by fitting 600mm long cross tees centrally between the 1200mm cross tees. the 1200mm cross tees to have central "birdsmouth" notches to facilitate fitting of 600mm cross tees. the perimeter trim to be armstrong trulok equal wall angle of white color secured to walls at 450mm maximum centres.complete as shown in drawing.	2540	SFT		
b	GYPSUM BOARD FALSE CEILING : Providing & fixing as per design with suspended false ceiling consisting of 12mm.thk.Gyp. board suspended on G.I. framework to consists of G.I. perimeter channels 0.55 mm thk. x 20mm .x 30mm. along perimeter of false ceiling; screw fixed to wall/partition with nylon sleeves & screws @ 600mm. dc. Suspending GI. Intermediate channels of size 0.9mm thk.x45mmx15mm. from the soffit at max. distance 1220mm. dc with ceiling angle 0.55mm. thk.x2n5mm.x10mm. Fixed to soffit using proprietary supplied GI. Cleats & steel expansion fasteners. Ceiling section 0.55mm thk. xweb size 51.5mm & flanges 26mm. Each & 10.5 mm. lips fixed perpendicularly.	1840	SFT		

BOQ FOR INTERIOR FURNISHING AND ELECTRICAL DATA CABLING WORKS

9	STORAGES				
a	Low height Storage cabinet/cupboard:Providing & fixing storage units/ siderunners of size 1' 6" wide, 2' 6" height side runners all using MR Grade commercial plywood confirming to IS303-1989. Runnertop,verticals,bottom and centre shelf should be fabricated using 19mm ply, back with 19mm ply and front side shutter with 19mm ply.The shutter with 19mm thk. ply fixed with the help of hinges with two godrej locks.The runner top & all the exposed vertical surfaces shall be finished with 1.00mm thick laminate of approved colour and make.Inner surface should be finished with 0.8mm laminate. All exposed edges of plywood should be fixed with 6mm thk.TW beading and polished. All complete as design and as per standard specifications.	274	SFT		
b	Full Ht Storages: Providing & fixing storage units made up 18 mm. thk. plywood framework, 6 mm. thk. plywood back as required as per design. Good quality blockboard shutters should be fixed on SS heavy hinges Storage units. should be finished with 1.0 mm. thk. laminate from external side & oil paint to non laminate ed surfaces. All exposed edges of plywood should have lipping patti on it. Lipping patti should be finished with French polish on it. The cost should include necessary handles, magnetic catches, Godrej make locks etc. complete as per design.	760	SFT		
10	PANELLING				
	Wall/ column paneling laminate finish: Shall be made up of Concealed Aluminium section verticals 2"x1" , 1.5MM thickness internal frame work. The framing shall be fixed at intervals of 2'0" c/c. the framing shall be fixed with 9mm thick BWR grade ply treated with anti termite oil and 4mm ply as to form grooves finished with 1.00mm thick laminate of approved color with 4mm groove forming 1'6"-2'0" panels. 1/2"x1/2" teak wood beading shall be fixed on all the corners as to form a design and shall be melamine polished. the skirting shall be finished with 3" wide 1.00mm thick brushed SS laminate of euro make.	3060	SFT		
11	ROLLER BLINDS				
	ROLLING BLINDS:Providing Rolling blinds of (ivory) guardian tilter wand cord lock 4" wide strip complete as per architect direction.	340	SFT		
12	BOX FOR ROLLING SHUTTER WITH ACP				
	Providing and fixing covering to rolling shutter with 18mm BWR ply with 1mm thick shell finish laminate of approved shade and make including painting of inside with primer and two coats of synthetic enamel paint, and providing teak wood beading to all exposed edges including all accessories hinges, handles, ballcatches, etc., complete.	48	SFT		
13	NOTICE BOARD				
	Providing and fixing Notice Board with pin up board covered with tapestry cloth of size 4' x 3' made of 12mm thick ply wood and finished with 1mm thick laminate and teak wood beeding etc., for appellate authority board, Notice Board, Working hours Board etc	2	NOS		

BOQ FOR INTERIOR FURNISHING AND ELECTRICAL DATA CABLING WORKS

14	CONFERENCE TABLE				
	Providing and fixing in position conference Table of size 5'-0"x22'-0" as per drawing by using 25mm thick plywood for top and 18mm thick plywood for all other horizontal and vertical members. shall be provided of approved model and make. Footrest made with T.W. member of size 4"x1½" finished with French polish. shall be finished with 1mm thick laminates as shown in the drawing, and all exposed edges of table top & ply verticals to have 1"x1/4" T.W. lipping. All exposed T.W. sections to be melaminated and internal surfaces to have white enamel paint as directed. Item to include plywood boxing, all necessary hardware and fittings in Stainless Steel finish, lipping to all edges etc. complete in all respects.	1	NOS		
15	STORAGE FOR V.C EQUIPMENT				
	Providing & Fixing of storage for V.C Equipment for Conference hall/Mini Conference with 18/9mm plywood and required glasses as per design of bank engineer/Architect	80	SFT		
	TOTAL AMOUNT FOR INTERIOR WORKS (A):				
	DISCOUNT (RS.)				
	GRAND TOTAL FOR INTERIOR WORKS AFTER DISCOUNT (RS.)				

B BOQ FOR ELECTRICAL WORKS IN CANARA BANK, REGIONAL OFFICE, BHIMAVARAM					
S.NO	DESCRIPTION OF ITEM	UNITS	QTY	RATE	TOTAL AMOUNT
B.1	ELECTRICAL WORKS				
	Lighting work:				
	Supply and wiring with 3runs of 1.5 sqmm copper FRLS wire for earth continuity in 2mm/1.5sqmm thick PVC Conduit with all required accessories, Concealed surface or poc casing as required for light points with suitable Concealed box with modular plate, item including swithes and sockets, DB to swith box wiring to be included, with required termination with suitable sized pin type copper lugs complete.				
1	Primary light Points (With Switches):	PTS	103		
2	Secondary Light points (With Switches):	PTS	48		
3	Ceiling Fan Points (With Switches):				
	Supply and wiring for ceiling fan point with 3 runs 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required, the item included 120w step type regulator, anchor fastner, provinding of fan hook.	PTS	8		
4	Wall Mounted Fan Points				
	Supply and wiring similar to item similar to the above but for wall Mounting fan point including box and 5 Amp. Control switch, Providing Clamp.	PTS	36		
5	Exhaust fan points:				
	Supply and wiring for exhaust fan point with 3runs of 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm.FRLS PVC insulated copper conductor single core cable etc. as required.	PTS	6		
6	On-Board Sockets (Dependent)	NOS	30		
7	Call bell wire less				
	Supply and fixing of call bell wire less with remote controller, complete for the finished item of work.	NOS	2		
	AC MAIN DB				
8	Supply and Fixing of 12 way Vertical TPN DB with (1) 125A, 4P, MCCB-1 INCOMER (input from PDB), (2) 32A, 3P, MCB-4 NOS (cassette Acs), (3) 6-32A SP MCB-23 Nos (split Ac), (4) 63 Amps TP MCB - 2 No Spare	NOS	1		
9	Supply and installation of 4C x 50 Sqmm Aluminium Armored Cables with required Gland, Copper Lugs and all materials etc., complete.	RMT	28		
	Supply and End termination of 4C x 50 Sqmm Aluminium Armored Cables with required Gland, Copper Lugs and all materials etc., complete For AC	NOS	2		

BOQ FOR INTERIOR FURNISHING AND ELECTRICAL DATA CABLING WORKS

10	Supply and fixing of 32A TP MCB with 40A 30ma RCCB on a suitable weather proof metal box concealed in wall as required for 2.0 TRCassette	NOS	2		
11	Supply and fixing of 16/25A DP MCB on a suitable weather proof metal box concealed in wall with supply and laying of 3 Core 4.0 Sq mm Copper armoured cable as required for 2/1.5 TR Split AC/Cassette AC	NOS	19		
	Supply and laying of heavy duty PVC conduits concealed in wall/floor and with suitable width casing and capping of approved quality along with required accessories Copper Wire 4R 6Sqmm +1R 4sqmm for Earthing (from AC DB to Indoor/Outdoor Cassette Units)	RMT	60		
	Wiring				
12	Supply and laying of heavy duty PVC conduits concealed in wall/floor and with suitable width casing and capping of approved quality along with required accessories Copper Wire 2R 10Sqmm +1R 6sqmm for Earthing (UPS-1,UPS-2 Incoming &Outgoing UPS-1,UPS-2)	RMT	158		
	Supply and laying of heavy duty PVC conduits concealed in wall/floor and with suitable width casing and capping of approved quality along with required accessories Copper Wire 4R 6Sqmm +1R 4sqmm for Earthing (Main DB to Lighting DB-1,Lighting DB-2,Raw Power DB's)	RMT	240		
	Raw Power Sockets				
13	Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on concealed with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin ,15/16 A socket outlet and 15/16 A piano type switch, connections, painting etc. as required, supply and wiring with 2 runs of 2.5 Sq.mm with 1 runs of 1.5 Sq.mm copper wire FRLS for earth continuity in 2mmsqmm thick PVC conduit with all required accessories, complete for the finished item of work.	NOS	28		
	Raw Power at the Work station				
14	Supply and fixing of 1 nos. of flush type 6A, 5 pin combined switch socket outlets in the modular type plastic box including 1 no of 6A switches in a separate box above table and front plates including interconnections,item including 3 core x 2.5sqmm copper wire FRLS with suitable size heavy guage PVC Conduit concealed in wall/flooring (including cutting and filling)	NOS	52		
	or suitable width casing and capping of approved quality along with required accessories and interconnections.				
15	CHANGE OVER SWITCH				
	Supply and Fixing of fabricated 125A, 4 pole on load Change over switch with provision for the service cable termination asrequired. (1) Input-1: From PDB (2) Input-2: From DG set (3) Output:7 segment display (LDB) and MTS 2nd Input.	NO	1		
	UPS DB				
	UPS Incoming/Outgoing				
16	63 Amps FP MCB with SS Enclosure as UPS Incoming DB	NOS	2		
	UPS out going DB (Single phase output UPS)				
17	Supply, installation, testing of 4way TPN MCB distribution Board Concealed/ surface double door type with incoming 63 Amps Two pole MCB and out going 10 Amps SP MCB - 22 No's- UPS Outgoing Main DB'S	NO	2		
18	RAW POWER DB:				

BOQ FOR INTERIOR FURNISHING AND ELECTRICAL DATA CABLING WORKS

	Supply, installation, testing of 4way TPN MCB distribution Board Concealed/ surface double door type with incoming 63 Amps Two pole MCB and out going 10 Amps SP MCB - 22 No's- UPS Outgoing Main DB'S	NO	1		
	UPS MODULAR SOCKETS:				
19	Supply and fixing of 3 nos. of flush type 6A, 5 pin combined switch socket outlets in the modular type plastic box including 1 no of 16A switches in a separate box above table and front plates including interconnections, item including 3 core x 2.5sqmm multistrand copper conductor FRLS wires with suitable size heavy guage PVC Conduit concealed in wall/flooring (including cutting and filling) or suitable width casing and capping of approved quality alongwith required accessories and interconnections.	NOS	52		
	LT Cables				
20	Incoming Cable from CT Meter : Supply and installation of Aluminium Armoured, 95sqmm x 4Ccore surface cable 1100V grade IS 1554 either in ground, treach, Surface with all required accessories including labour complete for the finished item of work.	RMT	55		
21	Supply and End termination of 4C x 95 Sqmm Aluminium Armored Cables with required Gland, Copper Lugs and all materials etc., complete.	NOS	2		
	Power Distribution Board				
22	Supply and fixing 415V TPN wall mounting type Power Distribution Board with necessary wall mounting frame work including grouting on the wall. The distribution Board shall be made of 16 G CRCA sheet steel and AI reinforcement wherever necessary for mechanical support, with oven baked painting of approved colour and shade after pre- treating of steel for derusting and degreasing. The distribution board with live terminals duly shrouded, properly segregated and compartmentalized and shall be accessible for operation/maintenance only after opening of hinged door which shall have locking arrangements and padlocks. all switches and all MCCB/MCB/RCBO knobs shall be visual,all components should be in seperate compartments. The distribution board should have Danger Board engraved on 2.0 mm thick PVC plates.The distribution board should have the following components: (Refer Electrical SLD for any clarifications)	NO	1		
	Incomer				
	160A/ 4 pole, 415V, MCCB-35 KA - 1No ,(L&T/ ABB/ HPL OR EQUIVALANTS make) with adequate space for termination 95 sq. mm 3 1/2 core PVC armoured UG cable:				
	200 Amps Bus Bar with Triple pole and Neutral , CT 200/5 coils, suitable sizeAL bus bars with coded PVC sleeves/tape regidly supported on fiber glass reinforced insulating 10mm sheet fiber glass insulator, Multi function meter , volt meter, amp meter, selector switch				
	One number 25 X 3 mm size aluminium earth bus bar with tap holes, bolts/ nuts provided with nuts for external earth connections;				
	125 A Four Pole change over Switch - 01 no				
	Out Goings: 125 A TP MCCB 25 KA-1 no for AC DB				
	63 Amps four pole MCCB-2 no for Lighting DB &63 Amps four pole MCCB-2 no for Spare & 63 Amps MCCB for APFC Panel- 1 NO, 63 Amps FP MCB - 3 for UPS One Spare, Incomings 63A DP MCB-1 No and Outgoings 12Nos of 6-32A SPMCBS				

BOQ FOR INTERIOR FURNISHING AND ELECTRICAL DATA CABLING WORKS

	Three sets of RYB supply indicator lamps each set consisting of one No. 230V filament type indicator lamp holder of TEKNIC type indicator, one NO. TEKNIC make push button for operation of RYB lamps.				
23	APFC Panel - 45 Kvar, with 7.5 Kvar as Fixed capacitor bank with 16 amps TP MCB as back up and 5 kvar with 16 Amps TP MCB-3 No's as back up and 7.5 Kvar capacitor duty contactors - 3 No's with APFC relay 6 steps	NO	1		
24	Lighting DB's: Supply, installation of 6way 7 segment DB's for DX ³ MCB, RCCB and RCBO: With provision for FP MCB/Isolator/RCCB/RCBO as incomer and SP MCB's as (1) 40 A 4 Pole MCB- 1no (Input From PDB), (2) 40A 2P 30mA RCCB-3nos (3) 6-10A SP MCB-14nos for raw power sockets and light point circuits (4) 16A SP MCB-2 nos of water cooler, Pantry power point	NOS	2		
	LIGHT FITTINGS:				
	SFTC of the following light fittings with lamps. The fixtures shall be installed with supply of all materials such as wooden round block, balancing socket, conduit pipe, nipples, cheaknuts, bolts, nuts, PVC flexible hose, suspension rod/chain clamps/Connection wire from Ceiling Rose to fittings, Hard ware etc,				
25	Supply and Fixing of 20W LED 4 feet batten light fixtures with aluminium housing (PHILIPS Make Model BN021C LED 20S PSU CW GR S2 or Equivalent)	NOS	32		
26	Supply and Fixing of Havells Make LED Venus Neo 2x2 36W Panel Light (LHEWBPP7PK1W034) or equivalent with all required accessories, including the cost and conveyance, required labour charges, material and necessary tools and accessories to execute the work complete for finished item of work	NOS	42		
27	Supply and Fixing of Havells 24W LED Down Light (INTEGRANEODLR24WLED857S) or equivalent with all required accessories, including the cost and conveyance, required labour charges, material and necessary tools and accessories to execute the work complete for finished item of work	NOS	25		
28	Supply and Fixing of Havells 15W LED Down Light (LHEWEKP7PL1W015) or equivalent with all required accessories, including the cost and conveyance and all necessary taxes, GST Tax etc., for required labour, material and necessary tools and accessories to execute the work complete for finished item of work	NOS	42		
29	Supply and fixing of 48" double ball bearing Ceiling fan for High Speed	NOS	8		
30	Supply and fixing of 450mm dia. wall mounted equivalent to crompton	NOS	36		
31	Supply & fixing of 200 mm exhaust fan 'Ventilair DX W' with self closing louvers and plastic body, out side bird mesh with all accessories etc, item including transport charges, labour charges, taxes, complete for finished item of work.	NOS	6		
	Earthing				
32	Providing Earth stations with 2.5mt depth soil excavation with 600mm x 600mm x 3mm Copper earth plate along with 40mm dia.GI perforated earth pipe along with tunnel. The earth pit to the filled up with charcoal and salt, alternative layers upto brim the and covered with excavated soil, The earth pit should be concreted and provided with CI slab as per IS 3043 of 1987 as main earth pit	NO	2		

BOQ FOR INTERIOR FURNISHING AND ELECTRICAL DATA CABLING WORKS

33	Providing G.I earth station, with 40mm dia, 2500mm long galvanised iron pipe including construction of brick pedestal, providing meshed funnel CI cover and other Civil Engineering Works, spreading a homogeneous mixture of salt charcoal around the pipe etc, for Earthing.	NO	2		
34	Supplying and laying 25 mm X 3 mm G.I strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50mm) . For Main Panel earthing	MTR	40		
35	Supplying and laying 8 SWG Copper wire at 0.50 metre below ground level for conductor earth electrode, including connection/ termination with Copper thimble etc. as required. For DB Earthing	MTR	40		
	Telephone:				
36	Supply and fixing of RJ 11 Telephone point socket with 2 Pair Telephone Cable From Each Table to EPABX , this include suitable Surface/concealed box and required all materials this Includes Supply and fixing of Suitable PVC Conduits and Cable Numbers to provided, item including Wiring of Telephone Points Wiring with 5 Pair Copper cable and suitable conduits,required all materials etc.	SET	48		
37	Supply and fixing of 30 Pair Termination EPBX Box with Connectors	SET	2		
38	Main Lines Upto EPBX Line 10 Pair 0.5mm Copper Cable With Conduits etc	MTS	30		
39	Supply & Installation of rubber mats (Class-A) of 1000 mm x 2000mm & thickness of 10mm: 3.3 KV Voltage grade	Nos	1		
40	Supply & Installation of Raw Power,UPS Power,A/C Power&Lighting Power Indicators At the Entrance of Regional Office	Nos	1		
	TOTAL OF ELECTRICAL WORKS (B1)				-
B.2	LAN WIRING:				
	Supply and laying of heavy duty PVC conduits concealed in wall/floor and with suitable width casing and capping of approved quality along with required accessories and drawing of 12SWG GI Wire as fish wire for laying of Telephone cables at a later stage and supply of all fixing materials complete as required				
41	Providing and fixing of Lan points Single Line Laying of 4Pair, UTP cat 6 Systemax Lan Cable with 1nos cat 6 RJ-45 Information outlets and Suitable 2mm Thick PVC Pipe Laying Below Flooring/Wall/Slab etc MS Junction Boxes to All Tables , Including all Related Civil Works etc All Cable Numbers to be Provided at both ends(Rack-1 to Rack-2 to Rack-3 to Rack-4)	NOS	106		
42	Supply of Dlink 7 feet length moulded Patch Cord.	NOS	60		
43	Supply of Dlink 3 feet length moulded Patch Cord.	NOS	106		
44	Supply and Fixing of CAT-6, 24 Port Jack Panel.	NOS	5		
	Supply and fixing of 12U Rack with all accessories (Self, Cable Manager, Power Manager)	NOS	5		
	TOTAL DATA CABLING WORKS (B2):				
	TOTAL ELECTRICAL & DATA CABLING (B=B1+B2)				
	DISCOUNT (RS.)				

	GRAND TOTAL AFTER DISCOUNT (RS.)				
--	----------------------------------	--	--	--	--