

# PRICE BID (TO BE FILLED ONLY IN ONLINE MODE)

**ALL ITEMS IS TO BE MADE AT SITE AND WOODEN RAW MATERIALS SHOULD BE GOT CHECKED BEFORE PASTING LAMINATES. NO FURNITURE ITEMS SHOULD BE MADE IN FACTORY / WORKSHOP**

## **PART-I : CIVIL & INTERIOR WORK**

S. No.	Item/Description	Quantity	Unit	Rate	Amount
1	Dismantling, removing/chipping (manually / machine driven), carting and cleaning away debris of existing workstations/modular/wooden counters/teller counters/Branch Manager cabin furniture/ standalone counters (including table, cubicle, counter partitions-solid & semi-glazed, cash cabin doors, side & back storage units, fixed switches, switchboards, panels, DBs, data points, telephone points, etc. ) along with other accessories complete in all respect and also disconnecting & removing wires/cables and removing electrical fittings and stacking as per Bank's instructions and disposing the unserviceable malba from site to the dumping area upto any lead earmarked by local statutory authorities. For removal of electrical wirings at any place no separate measurement & payment shall be done). The rate shall also include cost of scaffolding, temporary platforms etc. Out of the above items few dismantled furniture/fixtures such as tables, doors, storage, etc. and electrical fixtures, ACs etc. items as identified by Bank need to be stacked by contractor as per Bank's instructions for further use or disposal as required. Contractor cannot claim on these identified items.	1	LS		
2	<b>False ceiling Works</b> : Note : i) Rate to be included for all kinds of profiles and cut outs required for light fixtures, Speakers, Smoke detector, trap doors and AC grill in the ceiling. Provision for light fittings, AC grills and diffusers have to be made at no extra cost supported with tees, Angles, etc. suitably fixed all complete as per drawing and direction. The area of these cutouts which is less than 0.5 sqmt for one unit will not be deducted while measuring the ceiling area. ii) The contractor must co-ordinate with electrical & AC contractor for working out various levels for the false ceiling & make the marking on the walls / columns before starting the false ceiling work. <b><u>Measurement will be on sq. ft. only for all types of width.</u></b>				
2a	<b>PLAIN GYPBOARD FALSE CEILING WITH PAINTING:</b> Providing and fixing suspended false ceiling consisting of 12.5mm thick Gypsum board(India Gypsum) suspended on GI framework. GI framework to consist of GI perimeter channels 0.55mm thick 20mm x 30mm along perimeter of false ceiling of ceiling, screw fixed to wall/partition with nylon sleeves and screws @ 600mm c/c. Suspending GI intermediate channels of size 0.9mm thick 45mm x 15mm from the soffit at max distance 1220mm c/c with ceiling angle 0.55mm thick 25mm x 10mm fixed to soffit using proprietary supplied GI cleats and steel expansion fasteners. Boards to be finished with proprietary supplied jointing tape and jointing compound and sand papered to achieve a smooth and seamless finish and 2 coats of primer along with coats of Plastic Emulsion paint of white shade suitable for Gypsum board up to Bank's Satisfaction. Rate quoted to include vertical all cut-outs required for light fixtures, smoke detectors and other services cut-outs complete as directed by Architect.	1,200.00	Sqft.		
2b	<b>GRID FALSE CEILING /Modular False ceiling</b> :Providing and fixing suspended false ceiling consisting : approved make MODULAR CEILING Tile: Classic Lite RH 99 BEVELLED TEGULAR;	1,850.00	Sqft.		

## PRICE BID (TO BE FILLED ONLY IN ONLINE MODE)

	<b>GRID Suspension system: ARMSTRONG TRULOCK SILHOUTTE REVEALED BLACK PROFILE.</b> Runners / Cross tees to have mitred ends with bird mouth notches to provide mitred cruciform junctions. False ceiling will be measured on horizontal plane only. Horizontal plane measurements are to be inclusive of all vertical drops, edge mouldings, fascias, etc. Rate quoted to include all cut-outs required for light fixtures, smoke detectors and other services cut-outs complete as directed by Architect. Rate quoted to include cost of providing support framework formed of perimeter channels for fixing light fixtures, AC grills/diffusers etc. Also to provide concealed perimeter channel support as required to support modular grid ceiling sections at junction between gypboard false ceiling and modular grid tile ceiling.				
2c	Providing and fixing PPGI Metal Sheet False ceiling in Washrooms: 600 mm x 600 mm PPGI Metal microlook la-in-standard perforated tiles silhotte 38 made of 120 gsm pre-painted GI Grade GPL with 15mm exposed grid system with black groove at bottom by Armstrong Co.	250	Sqft.		
3	<b>Partition &amp; Panelling works (only with HDHMR/EDHMR boards–Century/ Greenply/Archidply). All woods to be treated with anti-termite coating (all sides).The thickness of plyboards/plywoods mentioned below is for boards without laminates.</b>				
	Measurement of height shall be taken from finished floor level up to the level of false ceiling in case of full height partition. In case of low height the measurement of height shall be taken from FFL upto the beading top. In case of varying heights on either side of partition, average heights shall be considered. The rate to include provision of extra frame work as necessary for skirting and making cutouts for electrical switch plates, switch boxes, light fittings light etc, making provision for laying conduct as per drawings and directions of site Eng. / Architect. It also includes beech wood /mdf properly polished top beading on all sides as per the requirement of specified size as per the directions of Engineer. All wood frame work to be applied with 2 coats of fire retardant paint and 1 coat of wood preservative with anti-termite properties. The work also includes provision of door as per requirements along with all lock (Godrej) Handle, Hinges (5.5) stoppers, door closures etc. as per bank's architect instructions. The rate also includes at no extra cost providing extra framework support above false ceiling upto RCC slab at every 4ft or less distance so as to make entire full height solid/glazed/semi-glazed partition rigid and firm.				
a	Providing and fixing <b>solid partition / glazed partition</b> from floor level up to the level of false ceiling with frame work of aluminum with sections 1.75" x 1.75" at spacing not exceeding 600mm center to center in vertical direction. (Vertical member to be in one piece) and horizontal direction with 7 mm or more thick boards to be fixed on both sides, including grooves as per instructions and 1.0 mm thk laminate to be fixed (both sides) on top complete with polishing / painting the beading surafce with spirit polish as per design and to the satisfaction of Architect/Employer. For glazed partition as (3A) item also includes 10mm Etched/frosted Glass above 900 mm to 1350/1800/2100/2400/2700 mm fixed in 75x15 mm beading as per specifications fixed around opening finished with melamine matt polishing. Rest of specifications same as MAIN specifications of Partitions. Complete to the satisfactions of Architect/Bank. <b>The item also includes wooden doors for washroom, record room etc. made up of HDHMR boards as per approved specs. having aluminium framework with all accessories such as mortise locks,</b>	1,850.00	Sqft.		

## PRICE BID (TO BE FILLED ONLY IN ONLINE MODE)

	<b>stopper, door closure, hinges, handles etc. for smooth operations as directed by EIC.</b>				
<b>b</b>	Providing and fixing Low height partition from floor level up to the 1220/1540mm with frame work of aluminium 1.75" x 1.75" at spacing not exceeding 600 mm center to center in vertical direction (Vertical member to be in one piece) and horizontal direction, 7 mm or more boards to be fixed on both sides, including grooves as per instructions and 1.0mm thick laminate to be fixed on top. 15 mm beech wood molding on top and side edges of partition and including 12 mm etched glass above 900 mm in straight / taper or curved shape as detailed, complete with polishing/painting the grooves as per design and to the satisfaction on Architect / Bank.	300.00	Sqft.		
<b>c</b>	Providing and fixing wall panelling as per design & pattern with atleast 1.5"x 1" aluminum frame at 2'-0" c/c in both directions with 7mm or more thick boards on top and finished with 1.0 mm laminate. The panelling to be screwed to the frame work; as per design and details. The wood surfaces to be finished in melamine polish complete. Top of the paneling edges / is to be provided with laminate or beech wood wood decorative beading of 35mm x 15 mm finished with polish/painting as directed.	800.00	Sqft.		
<b>f</b>	<b>FULL HEIGHT 12MM THK. TOUGHEN GLASS PARTITION:</b> P/F 12 mm thick toughened glass full height glass embedded in aluminum anodized sections all around for external / internal glazing. Anodizing to be Natural Finish shade. (as per Bank's approval). (Frame work details as mentioned in item no. 2 above ) The works includes fixing of glass with Top & Bottom surfaces with proper support/frame.	150.00	Sqft.		
<b>g</b>	<b>ACP wall panelling:</b> Providing & fixing in position Aluminum composite panel (ACP) with framing of Aluminum tube sections of min 1.5" x 1" and 20 gauge 2'0" c/c both ways. ACP to be in 2' width panels or distributed equally. Panels to be fixed to the frame with 3M or equivalent adhesive and with mirror screws. Joints to be finished with silicon based sealant. ACP thickness of 3 mm minimum. Aluminum foil thickness to be min 0.20mm on both sides. Alubond, Eurobond, Fujibond, Alcobond or equivalent ISO certified or approved brand to be used. Bright silver Shade to be as per bank's architect approval. Additional sections to be provided wherever necessary to fix the Indoor AC units as per site requirements. Both the AC units to be installed at location as per Bank's approval near the machine area at the highest position.	400.00	Sqft.		
<b>4</b>	<b>Providing and fixing of toughened glass doors (min. 12mm) with below fixtures of size 750x 2100 mm (approx.)</b>	7.00	Nos		
	Door Lock				
	Door stopper				
	Floor Machine (design as per load) - Ozone, Hardwyn, Dorset				
	Parch fitting				
	S.S. Handle 12" long				

## **PRICE BID (TO BE FILLED ONLY IN ONLINE MODE)**

5	<b>FILE STORAGE CABINETS (all inside structure only with HDHMR/EDHMR boards– Century/ Greenply/Archidply; for shutters 19mm plyboard with Greenply (ecotec) / Century (sainik) / Archidply (classic)):</b> Providing and fixing the 1'-6" deep storage units. The storage units shall have shutters made in 17 mm or more thick boards and finished in laminate of approved shade including top. Laminate to be provided in 1 mm thickness (exterior) and 0.8 mm thick (interior). The storage units shall have intermediate shelves in 17mm or more thick boards with matching wood lipping. Backply to be in thickness 7mm or more thickboards. The storage shall have matching wood edge molding as per the detail drawings. This also includes providing necessary hardware like SS handles, SS hinges, locks, tower bolts etc. of approved make. All exposed wooden surfaces shall be stained to shade. All exposed wooden surfaces shall be stained to shade. (same for Over Head storage required above Pantry counter.)	1,450.00	Sqft.		
6	<b>Electrical Cabinet:</b> Providing and fixing shutters made of 17mm or more thick fire retardant plywood and finished in laminate of approved shade including backside. Laminate to be provided in 1 mm thickness (exterior) and 0.8 mm thick (interior)- no paint. This also includes providing necessary hardware like handles, hinges, locks, tower bolts etc. of approved make. All exposed wooden surfaces shall be stained to shade. Stainless Steel Louvers to be provided in shutter and is to provide in 2 nos of avg. size. 4'' x 12'' (total 2 nos ) as per the design / instructions of Bank..	50	Sqft.		
7	<b>FURNITURE</b> [only with HDHMR/EDHMR boards– Century/ Greenply/Archidply. All Tables / counters/ work stations to have 17 mm or more thick boards top and sides to be with 17 mm or more boards and 1.0 mm laminate finish on exposed surfaces with 0.8 mm thick laminate inside/all the surfaces instead of painting the surfaces / area, drawer units is to be made from 17 mm or more one side boards with 1.0 mm laminate finish. Front modesty with 17 mm or more thick boards and 1 mm laminate as per designed in straight / curved shape. The inside of the table to be provided with 0.8 mm thick laminate (White cream shade). The drawers to run on telescopic drawer channels. Drawer units to have two smaller and one bigger drawers and locking arrangement (Godrej, ozone, dorma). Foot-rest 75x50mm 2nd class cedarwood member to be fixed for each table the rate to include all hardware such as drawer channels, SS handles, cable manager, etc. The inside of the table to be provided with 0.8 mm thick laminate (White cream shade). The item also includes a tray for key board running on telescopic channel (ozone/hettich), finished with laminate on top and rounded front size 560x450 readymade CPU trolley with castors etc. complete. (EBCO make)				
a	<b>Providing and fixing DGM/AGM Table as per main specification but finished in 1 mm laminate in two or more colors. The table size to be 1800x900x750 mm. The item also includes Side credenza for B.Manager with Laminate finish as per the specifications / design by Bank with size 900x450x750. 12 mm glass to be provided on top with chamfered polished edges with holes for Cable Manager.</b>	4	nos		

## PRICE BID (TO BE FILLED ONLY IN ONLINE MODE)

<b>b</b>	Providing & placing in position BANKING COUNTER TABLE with 750 high x 750MM wide made of 17 mm or more thick boards working top front in straight / curved shape and 1.0 mm laminate finish on exposed surfaces with 0.8 mm thick laminate inside/all the surfaces instead of painting the surfaces / area. Counter items also includes Front modesty / sides with 17 mm or more thick boards and 1 mm laminate as per designed in curved shape as shown in drg. Drawer units to be as specified in MAIN specifications. BUT with divisions for currency as per BANK's instructions, The drawer units to have AUTOLOOKING system for drawers (Godrej). One footrest per occupant, key board tray 560x450 laminate finish, CPU stand All as per MAIN Specifications for tables, counter is finished with 0.8 mm thick laminate (white/cream) inside the counters & drawer units etc, complete to the satisfaction of Architect/Bank.	155	rft		
<b>c</b>	<p><b>Conference table:</b> Providing &amp; fixing Conference table of size 14ft. x 5 ft. in rectangular shape . Top made up of 25mm thick BWP grade plywood and under structure of 18mm plywood. Table top surface, both sides of vertical support/side panel and both sides modesty shall be pasted with 4.00 mm thick veneer with hot pressed EVA glue/adhesive polished with four layered PU coating with spraying finish. All edges are covered with half round steam beach wood molding duly melamine polish with proper provision of complete audio &amp; electrical system in the table as per instruction of incharge. The rates are inclusive of providing &amp; fixing batten of 40x40mm at the joint of table desk. Balancing laminate shall be pasted below the table top.</p> <p>Raceways having cut outs of required sizes (02 nos) along with Hydraulic pop Up Box / Cable Cubby with HDMI, Audio, LAN and Power ports.</p>	70	sqft		
<b>d</b>	<b>SERVER ROOM TABLE (Size - 1200 x 700 x 750):</b> All as per MAIN Specifications for tables / counter without drawers complete to the satisfaction of Architect/Bank. No Storage drawer is to be provided.	1	Nos		
		<b>TOTAL INTERIOR =</b>			

### Part II: ELECTRICAL WORKS

S.NO	ITEM AND SPECIFICATION	QTY	UNIT	RATE	AMOUNT
	<b>SUBHEAD I (POINT WIRING)</b>				
	The rates for the point wiring shall include providing and fixing of following:				
	Wiring of the point of any length from distribution board to point outlet <b>including circuit wiring</b> (i.e <b>from DB to Switchboard</b> )				
	Earthing of all switch box and all outlet boxes fitting, fans, 3rd pin of plug with 1.50mm copper				

## PRICE BID (TO BE FILLED ONLY IN ONLINE MODE)

	wire.				
	Modular Switch/ Sockets of Standard make with necessary modular series cover plate and MS Boxes				
	Embedding all conduits in walls laying in slabs, above false ceiling or in floors including all accessories as required, cutting and refilling the chases with cement mortar .				
	Providing, fixing Modular switches, sockets, M.S. boxes (1.6mm thick) draw boxes, G.I. Pull wires (where required), brass screws, ceiling rose/connector etc.				
	Adopting separate and independent system of wiring for lighting, power (normal and essential supply). Wiring for following points using PVC insulated copper conductor wires of 650V/1100V grade in <b>MMS grade</b> -PVC conduit concealed/ exposed including switches & sockets as above.				
	LIGHT :(Maximum three points to be looped from primary)				
	POWER:( Maximum TWO points in one circuit)				
1	<b>POINT WIRING :</b>				
	Providing wiring ( supply, fixing, testing and comm. etc) for <b>light point / Exhaust fan point / Call bell point/6A Switch-socket point</b> etc with 2x1.5+1X1.5 sq mm <b>FRLS</b> PVC insulated copper conductor single core multi stranded wire in MMS grade-PVC conduit with conduit accessories like bend , junction box etc in concealed/surface manner as per site requirement with suitable Modular Switches with plate and metal / PVC box, ceiling rose , bulb holder etc including 1.5 sqmm PVC insulated copper earth wire etc complete as required. Wire colors : Red, Black, Green .Supplying, providing wiring (supply, fixing, testing and comm. etc) for <b>circuit</b> with 2 x 2.5 + 1 x 2.5 sq mm <b>FRLS</b> PVC insulated copper conductor single core multi stranded wire in MMS grade-PVC conduit with conduit accessories like bend, junction box etc on surface / recessed manner etc ( Wiring from D.B. / Source to Board/destination ) and making good all the damages, painting, cleaning the site etc complete as required as per site requirement and as directed				
a.	Providing and fixing Primary light point	40	Nos.		
b.	Providing and fixing Secondray light point(Maximum three points to be looped from primary)	120	Nos.		
c.	Plug point /celing Rose Point ( for wall fansExhaustfan)	55	Nos.		

## **PRICE BID (TO BE FILLED ONLY IN ONLINE MODE)**

	Supply, fixing and commissioning of 1 No 6A multi Socket with 1 No. 6A switch (Modular type) with cover plate, sheet steel box / PVC modular box etc on surface / concealed manner 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.				
d	P&F bell point i/c of buzzer	4	Nos.		
e	6 AMP. POINTS ON SAME BOARD(Half point) :				
	Supply, fixing, testing and commissioning of 1 No 6 A Multi Socket with 1No. 6 A switch ( Modular type ) with cover plate , sheet steel box / PVC modular box etc on surface / concealed manner 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.	10	Nos.		
f	Ceiling fan point (rate should include electronic fan speed regulator)	1	Nos.		
g	Providing and fixing primary point for outside signboard	1	Nos.		
2	<b>16 AMP. POWER POINTS:(including circuit wiring)</b>				
	Supply, fixing, testing and commissioning of 1 No 16 A switch & 1 No. six pin 6/16 Amp. Multi Socket ( Modular Type ) with cover plate , sheet steel box etc on surface / concealed manner I/c electrical wiring with 2 X4 sqmm + 1 X 4 sqmm <b>FRLS</b> PVC insulated copper conductor single core multi stranded wire in MMS grade-PVC conduit with conduit accessories like bend, junction box etc on surface / recessed manner etc ( Wiring from D.B. / Source to Board to destination ) and making good all the damages, painting, cleaning the site etc complete as required as per site requirement and as directed.	16	Nos.		
3	<b>AC POINTS :</b>				
	Supply, Installation, Testing and commissioning of the surface / recess mounting distribution board with 20 A Metal plug and socket, with 20 A/25A/32A SP MCB Incl. wiring with 2 X 4.0 sq mm + 1 X 4 sqmm PVC insulated copper conductor single core multi stranded wire in MMS grade-PVC conduit with conduit accessories like bend, junction box etc on surface / recessed manner etc ( Wiring from D.B. / Source to Board/destination ) and making good all the damages, painting, cleaning the site etc complete as required as per site requirement and as directed.(MCB of C-Curve with S.C Capacity 10 kA)	20	Nos.		
4 (A)	<b>MAIN PANEL With following minimum capacity)</b>				

## **PRICE BID (TO BE FILLED ONLY IN ONLINE MODE)**

	Supply, installation , testing and commissioning of totally enclosed compartmentalized dust and vermin proof cubical segregated and modular in construction M.V. panel board wall mounted fabricated with 14swg and 16swg of CRCAM.S.sheet duly painted with two coat of metal red oxide and two coat of fire resistance paint at inside and out side of the panel, bus-bar chamber ,outgoing switchgear etc (all feeder unit Would be compartmentalized), color coded PVC sleeved vertical / horizontal busbar of required size of length, ( bus-bar distances shall be minimum 32 mm ) insulators, hardware, neoprene gasket , hinged door, interconnecting single core multi strand lugged copper wire having current density of 2A / sqmm of suitable capacity & size with lugs from busbar to switchgears / mccb / mcb or where ever required, two earthing terminal busbar of size 25 x 5 mm with nut & bolts at out side of the panel , rating and name plates for all incoming & outgoings , two eye two nos eye bolts,wire mesh jali for ventilation etc comprising with the followings.				
	<b>NOTE:-</b>				
	Sheet 16 swg : panel sides,upper,lower,and Ft.doors				
	Sheet 16 swg : back side and compartments.				
	Gland plates : 3 mm thick.				
	Cable entry : Provision at bottom and upper sides.				
	Inside the panel : white colour paint.				
	Outside the panel : Grey colour paint.or as directed.				
	<b>INCOMER</b>				
	1 Nos 160 Amp MCCB, 25 KA- 4 Pole,C-curve				
	1 Nos – 200 A TPN insulated Copper Bus Bar (atleast 12 inches long)				
	<b>OUTGOINGS</b>				
	4Nos- 63 Amp DP,2 No-63 A TPMCB,C-curve				
	<b>SET AS ABOVE</b>	1	Nos		
B	SFU TPN 160 A with HRC fuses(just after meter and prior to Main Panel - must be given)	1	Nos		
5	<b><u>LIGHT DISTRIBUTION BOARD</u></b>				
	Supply, Installation, Testing and commissioning of the surface / recess mounting following way TPN MCB three phase distribution board for single phase outgoing with IP 42 protection , direct on wall incl. the followings accessories				
	<b>INCOMER</b>				
	1 No. TPN-RCBO/ELMCB 63 Amp ,100 ma sensitivity				
	<b>OUTGOINGS</b>				



## **PRICE BID (TO BE FILLED ONLY IN ONLINE MODE)**

	14Nos SPMCB 6/10/16 Amp,B-Curve				
	<b>SET AS ABOVE</b>	1	Nos		
	incl. Electrical connection ,earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.				
6	<b><u>AC DISTRIBUTION BOARD</u></b>				
	Supply, Installation, Testing and commissioning of the surface / recess mounting following way MCB three phase distribution board for single phase outgoing with IP 42 protection , direct on wall incl. the followings accessories				
	<b>INCOMER</b>				
	1 No. TPMCB 63Amp ,C-curve				
	<b>OUTGOINGS</b>				
	12 Nos SPMCB 25/32 Amp,C-curve				
	<b>SET AS ABOVE</b>	1	Nos		
	incl. Electrical connection ,earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.				
7	<b><u>U.P.S. DISTRIBUTION BOARD (INCOMER)</u></b>				
	Supply, Installation, Testing and commissioning of the surface / recess mounting following way Double door MCB D.B.- Single phase distribution board ( Consumer unit ) for single phase out going with IP 42 protection incl. the followings accessories – incl. Electrical connection ,earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.				
a.	<b>INCOMER</b>				
	1 NO 63 A DP MCB				
	<b>OUTGOINGS</b>				
	2 Nos- 63Amp DP MCB				
	<b>SET AS ABOVE</b>	2	Nos		
b	<b><u>UPS DIST. BOARD OUTGOINGS.</u></b>				
	1 NOS 12 WAY SPN DIST BOARD OR HIGHER SIZE AS PER REQUIREMENT				
	1 Nos- 63 Amp DPMCB				
	14 NOS 10/16 AMP SPMCB				
	<b>SET AS ABOVE</b>	2	Nos		
8	<b><i>SPECIAL POINTS: ( UPS) any length(TO WORKSTATIONS)( Maximum TWO points in one circuit)</i></b>				

## **PRICE BID (TO BE FILLED ONLY IN ONLINE MODE)**

	Supply, fixing, testing and commissioning of following Modular type switch socket with cover plate, sheet steel box etc on surface / concealed manner I/c electrical wiring with 2 X 2.5 sq mm + 1 X 2.5 sq mm FRLS PVC insulated copper conductor single core multi stranded wire in rigid MMS grade PVC conduit with conduit accessories like bend, junction box etc on surface / recessed manner etc ( Wiring from D.B. / Source to Board/destination ) and making good all the damages, painting, cleaning the site etc complete as required as per site requirement and as directed.				
	1 Nos. 16 A Switch + 3 Nos. 6 A, 5 pin Socket.	40	Nos.		
9	<b>EARTHING</b>				
a	Copper Chemical Earthing - Supply, Installation, Connection, Testing and Commissioning of maintenance free heavy duty pure electrolytic copper chemical earthing electrode of 50 mm dia., wall thickness 14 gauge and 3 meter length (as per site conditions) with internal strip of copper (25x6)mm along with 60 kg bag of Back fill compound (highly conductive, non-corrosive moisture retaining chemical) complete with excavation, civil works including top 300 mm deep one brick thick masonry chamber & good quality soil, water pouring arrangements with cast iron cover and with arrangements for fitting/termination of G.I. flats/wire with G.I. nut bolts. The voltage between Neutral and earth not to exceed 0 Volts and IR value less than 1 ohm. The earth resistance shall be as per IS 3043.	2	set		
b	Supply and laying of 6.0 sqmm PVC insulated copper wire from earth station to main panel board in 20 mm GI Pipe including all materials, accessories etc complete.	100	Mtrs.		
10	<b>L.T.CABLES :</b>				
	Supply, laying, testing and commissioning of the following 1100 volt grade pvc insulated Al / Cu. Conductor armored cable inner and outer sheathed, along with the two run of G.I. earth wire i/c termination with brass gland and Al. lugs etc. complete as required.				
	<b>On surface :</b>				
	S/Fixing the cable on wall / column / beam / ceiling / above false ceiling / existing trench etc incl. s/f of saddles / spacers ( wherever required as per site conditions) and two run of G.I. earth wire along with the cable. Making good all the damages				

## **PRICE BID (TO BE FILLED ONLY IN ONLINE MODE)**

a	3.5/4 C X 50sqmm. Al. Armored .( with 10 SWG 2 Nos. G.I. wire ) from electric pole to METER ROOM	30	Mtrs.		
b	4 C x 10.0 sqmm armored copper cable with 10 SWG 2 Nos G.I. wire for Electric room /Ups room	50	Mtrs.		
c	2 C x 6.0 sqmm armored copper cable with 10 SWG 2 Nos G.I. wire for Electric room /Ups room	50	Mtrs.		
D	4 C x 6.0 sqmm armored copper cable with 10 SWG 2 Nos G.I. wire for Electric room /Ups room	80	Mtrs.		
11	<b>TELEPHONE POINT :</b>				
	Supplying, Installation, testing and commissioning of the telephone point with the followings -				
a.	Two pair, 0.61 mm dia. telephone cable tinned copper conductor, P.V.C. insulated and sheathed , fire retarding, anti termite, color coded twisted pairs and rip cord.				
b	HMS Pvc pipe on beam /column / wall / flooretc with all necessary materials i/c connections, identification by numbering etc complete as required as per I.T.D. specification.				
c.	Double outlet with shutter modular type Telephone Outlets ( RJ – 11 ) with suitable size PVC modular boxes complete as required .	3	Nos.		
d	Single outlet with shutter modular type Telephone Outlets ( RJ – 11 ) with suitable size PVC modular boxes complete as required .	15	Nos.		
e	Providing and fixing 20pair KRONE make telephone tag block with 20 pair module with termination and crimping complete and making good the surface as required/ directed.	1	Nos.		
f	Providing and fixing 20 pair armoured tinned copper telephone cable in 32 mm PVC conduit as per the Bank's directions from telephone utility junction box - (FOR LEASE LINE etc.)	30	Mtr		
12	<b>COMPUTER CABLING SYSTEM.</b>				
	<b>COMPUTER POINT : I / O's :</b>				
I	Supplying, Installation, testing and commissioning of the Computer point with the followings -				
a.	Four pair CAT 6 LAN cable tinned copper conductor, P.V.C. insulated and sheathed , fire retarding, anti termite, color coded twisted pairs and rip cord. (from server room switch to I/O outlet )				
b	HMS Pvc Pipe on beam /column / wall / floor etc. with all necessary materials i/c connections, identification by numbering etc. complete as				

## **PRICE BID (TO BE FILLED ONLY IN ONLINE MODE)**

	required as per At & T specification.				
c.	Single outlet with shutter modular type I / O's Outlets ( RJ – 45 ) with suitable size PVC modular boxes all complete as required	26	Nos.		
13	Supply, fixing, testing and commissioning of Recess mounted decorative luminaire with LED FIXTURES with class I electrical safety, complete as required Fitting Dimensions :				
a	32-40 watts,Minimum 2800 lumens LED SQUARE size 600X600X80 mm ( Approx.) : CRI>80,PF>0.9 - (Philips / Wipro)	80	Nos.		
b	14-15 w ,Minimum 850 lumens LED ROUND DOWN LIGHTER Diameter 110-165mm,CRI>80,PF>0.9, (Philips / Wipro)	50	Nos.		
c	1 x 25w LED Tubelight with all accessories, (Philips / Wipro)	15	Nos.		
d	<b><u>WALL BRACKET FAN</u></b>				
	Supply and fixing of the following MS fans Wall bracket fan white (400mm blade size)	30	Nos.		
e	<b><u>Exhaust FAN</u></b>				
	Supply and fixing of EXHAUST FAN 1200 MM Sweep	3	Nos.		
		<b>TOTAL ELECTRICAL WORKS =</b>			

### **PART-III : AC LOW SIDE WORKS**

S.No.	Item/Description	Quantity	Unit	Rate	Amount
1	Supplying & Laying suitable Copper refrigerant piping as per manufacturer at any height with all required material insulated with 13 mm nitrile rubber of class 'O' & supports and concealed inside wall by chipping in brickwork / RCC wall and refilling the surface by mortar and any other civil work complete with all accessories as required. The rate is inclusive of material and labour complete in all respect.	180	Meters		
2	Minimum 25mm dia. or higher size as per OEM, insulated Heavy-duty drainpipe for various units in total clamping manner above false ceiling and in total concealed manner below false ceiling level with including all necessary civil work required. The same shall be laid in proper gradient and shall be tested to avoid any leakage before concealing the same. The rate is inclusive of material and labour complete in all respect.	90	Meters		

## **PRICE BID (TO BE FILLED ONLY IN ONLINE MODE)**

3	Supplying & Laying of three/four core 4sqmm or as per OEM whichever is of higher size copper electrical power / control cable as required from indoor to outdoor suitable for 1/1.5ton split AC. The rate is inclusive of material and labour complete in all respect.	200	Meters		
				Total Part III =	

Description	Total Cost (in Rs.)
I. Dismantling & Interior Works	
II. Electricals, Data & Allied Works	
III. AC Low Side Works	
Total Amount	
Total In Words:	

**Above rates and amounts are excluding GST and GST as applicable shall be charged extra.**