

PRICE BID (PART-II)

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**Regional Head
 Central Bank Of India
 Regional Office
 Ambikapur**

Dear Sir,

Reg: The Civil and Interior Refurbishing works for Nemnakala Branch under Ambikapur Region.

Furnishing work (Part-A)

S.No.	Item/Description	Quantity	Unit	Rate	Amt
1	Dismantling of Partitions, furniture, electrical cable, wiring, brick work, Tiles if any & all other allied things as per drg's & instructions from Architect in-charge in phases or as required without affecting the functioning of Branch including the disposing of the dismantled materials as and when required.	Part- A Dismantling Work	L.S		
2	Design, Supply , Fabrication and installation / Fixing of Aluminium Composite Panels of approved make for external cladding and shutter boxing/ canopy cladding in combination of solid / Metallic colours, including all necessary frame work and complete weather sealing. The composite panel should consist of 3 mm LDPE sandwiched between 2 skins of 0.5mm thick Aluminium sheet making a total panel thickness of 4 mm. The supporting framework shall be made to suit the grid requirement at site out of extruded section 38x38x3mm aluminium angle section or 50x25x1.6mm tube section running vertically or horizontally fixed to building structure through M.S clamps prefixed to masonry with suitable anchor fastener or screws as required after aligning the framework for level and lines. the ACP panel cut to size and bent at edges to form a tray to be fixed to aluminium grid tubes cleats, angles etc with metal screws. All hardware will be corrosion resistant. The gaps will be sealed using weather sealant like Dow Corning 789 or any other approved brand. Note: the external surface shall be well protected with self-adhesive peel off masking foil which is to be peeled off after the completion of all the works.	118.00	Sqft.		

3	Providing and fixing suspended false ceiling consisting of 12.5mm thick Gypsum board (India Gypsum) suspended on GI framework (India Gypsum). 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 dist 1220mm c/c with ceiling angle 0.55mm thick 25mm x 15mm 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 Acrylic paint suitable for Gypsum board up to Bank's Satisfaction .Rate quoted to include overhang, projection all cut-outs required for light fixtures, smoke detectors and other services cut-outs complete as directed by Architect. Only horizontal Measurement will be taken.	400.00	Sqft.		
4	Providing an fixing false ceiling vertical drops and curves as per design with the same specification as above item	100.00	Sqft.		
5	Providing and fixing suspended false ceiling consisting: approved make MODULAR CEILING of size 2'-0" x 2'-0", 15mm thick. Tile: equivalent to Classic Lite RH 99 Bevelled Tegular; Suspension system Silhouette 15 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.	1,000.00	Sqft.		

6	P/F SOLID WOODEN/ AL. PARTLY GLAZED PARTITIONS made out of Aluminium cross section (16 gauge 2" x 2" size Al box section) or salwood section (size 2"x1 1/2") of framework 2'-0" c/c vertical and in 1'-6" c/c horizontal direction treated with ANIT-TERMITE & FIRERETARDANT solution, covered with 8 mm thk BWR/BWP grade ply wood / partly glazed (8mm thk. clear float glass fixed with 1.5"x1" teak wood beading finished with melamine polish) with approved design, shape & shade 1mm thk laminate/mica fixing on inside of panel with 1.5 mm thk grooves in panel as per the design with provision of the openings in the panel for switch boards, box and cuts in frame for carrying conduits if necessary and fixing 1.0 mm laminate on the outside face of shade and colour as per Bank's colour scheme given in the tender specification or as directed with 8 mm glass to be given in the design. The open edges are to be blocked by teak wood bead with polish of required size (3"x3/4") and design. All provisions to be made for all electrical, networking boxes onto partition framework at required heights/levels with necessary additional supports as directed.	1000	Sqft.		
7	P & F low height (3'-0" to 4'-0") partly glazed partition with 3'-0" ht. wooden partition and 1'-0" ht. 12 mm thk. clear float glass above the wooden portion fixed with 1.5"x1" teak wood beading finished with melamine polish. The exposed edges of the glass to be finished in pencil polish. Rate includes P&F wicket gate with all necessary fittings, beading etc. as required. All other specification are same as above item.	230.00	Sqft.		

8	Providing and fixing full height double skin partitions in UPS room with frames of 50mmx50 mmx1.5mm thick Aluminium section framework at 600 mm c/c. (intervals of 2'-0" x 2'-0" c/c with provision of bigger members at skirting, fixing to door frames), etc, and covered with 6 mm thick BWP Plywood of approved make covered with various finishing layers as per design and details including outer side with 1mm thick laminate & inner side with 8mm Calcium Silicate Board /FRC .The boards are to be fixed to the frame work with joints staggered to avoid through cracks to be provided at the horizontal joints of two boards, fixed to the studs using metal to metal flat head screws, including jointing and finishing to a flush finish with recommended jointing compound, jointing tape, angle beads at corners (25 mm x 25mm x 0.5 mm), joint finisher and one coats putty, two coats of primer and two coats of lustre paint suitable for board as per manufacture's specification and direction of engineer in charge all complete, suitable anchor fastener or metal screws with nylon plugs . All doors including sliding doors / openable doors, with all fittings including ISI Marked Floor Springs, Hinges, Bolts, etc., shall be included in the same price. All items necessary for completing the above mentioned work are deemed to be included in the scope of work, whether or not they are specifically mentioned in the B.O.Q / tender documents / drawings.	100.00	Sqft.		
9	Providing and fixing of 12 mm thk toughen glass doors with below fixtures of approximate size 900x 2100mm for single door and 1800x2100mm for double door. Door Lock Door stopper Floor Machine Patch fitting S.S. Handle 12" long	55.00	Sqft.		
10	P/F 12 mm thick glass full height glass embedded in aluminium anodized sections if required all around for external facade glazing. Anodizing to be Natural Finish shade. (on special cases, subject to approval).(Frame work: min 2-1/2" X 1-1/2" X 16 Gauge anodized Aluminium cross section) The works includes fixing of glass with Top & Bottom surfaces with proper support/frame.	90.00	Sqft.		
11	Providing and fixing Solid flush door of approved make made out of 35mm with both side laminate finish with necessary fitting with door closer provision. All material is of approved brand. Providing and fixing single leaf solid core flush door 40mm thick factory made of following size, finished on both sides with 1.0mm thick laminate of approved shade as indicated in drawing. Shutter to be lipped on all sides with 12mm thick teak wood beading. Applicable hardware's to be considered for following doors according to requirement as per detailed drawings including below mentioned hardware-Door closer, SS Ball bearing Hinges, SS foot operated Door stopper, SS Mortise Latch Lock / concealed dead lock, SS Mortise Handle. Rates are inclusive	6.00	Nos.		

	of 8mm thk. glass vision panel as required. Size 900 x 2100mm				
12	The same as above with Size 750 x 2100 mm	1.00	Nos		
13	Fabricating and fixing wall/column panelling to consist of 37.5mm x 50mm treated salwood framework or Aluminium Sections (16 gauge box section) at spacing not exceeding 600mm both ways (horizontal and vertical). Panelling framework to be secured to wall surface/column surface. Panelling framework to be clad on one side with 12mm thick BWR/BWP grade ply finished with 1.0mm thk laminate including border / skirting of 100mm high & 1.5 mm x 1.5 mm groove at border/ skirting level. The open edges are to be blocked by teak wood bead with polish of required size (3"x3/4") and design.	120.00	Sqft.		
14	Wooden boxing for rolling shutter boxing etc. made up in 19mm thk Marine plywood/ Exterior grade Bison Panel frame painted as per Architects approval. Laminates will be similar as partition. Measurement to be considered for all exposed faces.	60.00	Sqft.		
15	Providing and fixing the 1'-6" wide panel boxing properly sized to accommodate meter/ panel made in 19mm BWR grade plywood (fire resistant) and finished in laminate of approved shade. This also includes providing necessary hardware like handles, hinges, locks, tower bolts etc of approved make. All exposed wooden surfaces to be finished with 19x5mm suitable wood beading. Double door shutters shall have holes/ perforated for proper ventilation. Only front face shall be measured for payment purpose.	9.00	Sqft.		
16	Providing and pasting frosted film (3M, Garware make) on glass work including Bank's logo/ branding as required & as directed by the Bank/Architect.	65.00	Sqft.		
17	P/F Blinds 100mm wide blinds made using with extruded powder coated headrail housing control units, spacers, runners, tilt rod with reduction gear mechanism, tilt control for rotation of 180 degree louvers made of approved fabric/ color scotch guard coating and bottom mechanism of powder coated galvanized steel with required components.	100.00	Nos		
18	Writing desk made of 19mm plywood shelves with same wood beading as above. Witting ledge to have facility of pigeon holes of 6" depth beneath to place the paying/ payout slips etc. The table top shall be of 12mm thick plain glass fixed with SS studs. Desk size 3'-0"(w) x 3'-9"(h) x 1'-0"(d)	1.00	Nos		
19	(2'-0" x 2'-0" High X 10" deep) Providing and fixing cheque drop/complaint boxes made out of 19mm thk. Commercial plywood grade I finished with 1mm thk. Laminate. Slit should be provided to drop cheques and opening provided with locking arrangement to remove cheques, complete in all respect.	2.00	Nos		

20	Providing and fixing notice board of in ply board of 6mm fixed on a frame of 50 mm x 25 mm well seasoned wood polished and top fixed with bead. 12mm thk. Soft board clad with fabric of matching colour and shade complete with all fixtures necessary as required.	10.00	Sqft.		
21	Providing and fixing WHITE board of 4'-0"X2'-6" outer edges finish with aluminium anodized section.	10.00	Sqft.		
22	Providing & supplying dressing table with mirror of size 1'-0" x 5'-0" including sitting desk of for locker room as per standard design of locker room / dwg	1.00	Nos		
23	Providing & fixing Officer tables as per design, of 2'-6" ht, and of below mentioned size. Two of the corners/edges will be curvilinear in shape. The counters shall have the provision to adjust the key board on telescopic channels, drawer unit, metallic CPU trolley with castors, cable manager and sal wood foot rest (3"X1.5") with painting. The tables shall be made of 19mm thick BWR/BWP ply wood, with teak wood half round beading of size 20 x 12mm, duly polished. All vertical supports front apron and gable ends of table are to be made out of same 19mm thick BWR/BWP ply wood. The counter shall be finished with 1mm thick laminate of approved shade / colour, complete with all necessary hardware such as 100 mm 'C' type S.S.handles, magnet catchers, brass hinges, locks, etc. as per Bank's approved brand/make. Inner surfaces of the table, counters etc. to have 0.8 mm laminated finish. Drawer unit of size 1'-2"(clear internal width) x 1'-6" x 2'-3"ht.) Consisting of 3 nos. of drawers, to be made of 19mm thk. Plywood with matching laminate finish with heavy duty telescopic slides. Rate will inclusive of providing plastic shoes and fixing 19x5mm suitable wood beading to all exposed edges etc. Skirting it to be done with approved color laminates. The top shall have float glass of below mentioned size as per table top shape with hole for cable manager with pencil polish edges. Desk size (4'-0" x 2'-6"x 2'-6" ht.) with 8mm glass top				
24	Desk size (5'-0" x 2'-6" x 2'-6" ht.) with 12mm glass top	1.00	Nos		
25	Desk size (3'-0" x 2'-6" x 2'-6" ht.) with 12mm glass top	9.00	Nos.		
26	Desk size (2'-6" x 2'-6" x 2'-6" ht.) with 12mm glass top	3.00	nos		
27	Extra for Providing and fixing front partition of SWO counter above the working top (from 2'-6" to 4'-0" ht.) with one no. of 12mm thk toughened float glass leaving 2" gap above working top. The toughened glass shall be fixed to the side partition by means of 'D' SS bracket as required/directed.	10.00	Sqft		

28	Providing & fixing Server/Cash/ SWO / Officer counters as per design, of 2'-6" ht and of 2'-0" width. The counters shall have the provision to adjust the key board, drawer, storage complete shelf for CPU at bottom, cable manager and foot rest (3"X1.5"). The counters shall be made of 19mm thick BWR/BWP plywood, with teak wood half round beading of size 20 x 12mm, duly polished. The counter shall be finished with 1mm thick laminate of approved shade / colour, complete with all necessary hardware such as 100 mm 'C' type S.S.handles, magnet catchers, brass hinges, locks, etc. as per Bank's approved brand/make. Inner surfaces of the table, counters etc. to have 0.8 mm laminated finish. Drawer unit of size 1'-2"(clear internal width) x 1'-6" x 2'-3"ht.) consisting of 3 nos. of drawers(at every 4'-6" length of running counter) to be made of 19mm thk. plywood with matching laminate finish with heavy duty telescopic slides. Rate will include providing plastic shoes and fixing 19x5mm suitable wood beading to all exposed edges etc. Skirting it to be done with approved color laminates	10.00	Rft		
29	Providing and fixing the intermediate, front, and rear partition of cash cabins which shall be of same specification as Solid wooden partly glazed partition but upto 7'-0" ht. with 12mm thk toughened glass.Glazing starts from 3'-9" upto 6'-6" with pencil polish edges. The front portion shall have customer top of 1'-3" wide ledge projecting 6" on customer side at a height of 1'-3" above the desk/ working top thus making 3'-9" ht. from the finished floor level. Providing cutout of size 12" x 4" at the central bottom part of glass at transaction top level so as to allow transactions. Providing 6" dia hole at the height of 4'6" from finished floor level so as to allow conversation between cashier and customer. The side intermediate partition shall have an opening of 8" x4" in the partitions at 3'-0" level with the ledge of 1'-0" wide projecting 6" both side. Rate includes P& F wooden door of size 2'-0" x 6'-6" at rear/ side partition with necessary fitting i.e. lock (Auto lock), latches, door handles, door closer, stopper etc. Skirting it to be done with approved color laminates.	90	Sqft		
30	Providing, Constructing and Fixing credenza should be made out of 19 mm thk BWR/BWP Plywood box type in nature. 1.0 mm thk approved laminate to be stuck to all exposed surfaces, complete finished with golas/margins, 4" S.S.handles, brass hinges, locks and magnetic catchers, etc. Storage should have side hung shutters. The unit to have 3" covered skirting with approved laminate. The overall size of the unit shall be 2'-6" in ht and 18"/15" deep as per design. The unit shall have intermediate shelf. Inner surfaces of the units etc. to have 0.8 mm laminated finish.3'-6" X 1'-6" X 2'-6"	3	Nos		
31	3'-0" X 1'-3" X 2'-6"	2	Nos		

32	Providing and fixing the 1'-6" wide storage units. The storage units shall have shutters made in 19mm BWR grade plywood and finished in laminate of approved shade including top. The storage units shall have intermediate shelves made in 19mm thick plywood with matching wood lipping as desk. The storage shall have matching wood edge moulding as per the detail drawings. This also includes providing necessary hardware like handles, hinges, locks, tower bolts etc of approved make. All exposed wooden surfaces to be finished with 19x5mm suitable wood beading. (same for Over Head storage required above counters/ low ht. storage)	120	Sqft.		
				Total=	-
	Electrical and allied work work (Part-B)				
33	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 including circuit wiring (i.e.from DB to Switchboard)Earthing of all switch box and all outlet boxes fitting, fans, 3rd pin of plug with 1.50mm copper wire.Modular Switch/ Sockets of Standard make with necessary modular series cover plate and MS BoxesEmbedding 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 MMS grade-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)The Electrical Connection for Strong room/ locker room shall be taken Separately with an extension wire from Door with plug and the same to be connected to switch socket outside the room. Providing wiring (supply, fixing, testing and comm. etc) for light point / Exhaust fan point / Call bell point/6A Switch-socket point etc with 2x1.5+1X1.5 sq mm FRLS 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 circuit with 2 x 2.5 + 1 x 2.5 sq mm FRLS PVC insulated copper conductor single core multi stranded	60.00	Nos		

	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 Providing and fixing Primary light point				
34	Providing and fixing Secondray light point(Maximum three points to be looped from primary	8.00	Nos		
35	Plug point /celing Rose Point (for wall fans,Exhaustfan): 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, cleaningthe site etc. complete as required as per site requirement and as directed.				
36	P&F bell point i/c of buzzer	1.00	Nos		
37	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.	19.00	Nos		
38	Ceiling fan point (rate should include electronic fan speed regulator)				
39	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 X 2.5 sqmm + 1 X 1.5 sqmm FRLS 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.	15.00	Nos		

40	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 2.5 sq mm + 1 X 2.5 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)	5.00	Nos		
41	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.NOTE:-Sheet 16 swg : panel sides,upper,lower,and Ft.doorsSheet 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.INCOMER 1 Nos 100 Amp MCCB, 25 KA- 4 Pole,C-curve1 Nos – 100 A TPN insulated Copper Bus Bar Set of Indicator LampsSet of Voltmeter +Ammeter+ Selector SwitchOUTGOINGS3Nos- 40 Amp TPMCB,C-curve1 No-63 A TPMCB,C-curve1 No-25 Amp TPMCB,C-curve for Glow Sign Board and external lights1 No.-40A TPMCB C-curve load ChangeoverSET AS ABOVE	1.00	Nos		
42	SFU TPN 100 A with HRC fuses(just after meter and prior to Main Panel)	1.00	Nos		

43	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 4 way TPN DB IP 42, Double door INCOMER1 No. TPN-RCBO/ELMCB 40 Amp, 100 ma sensitivity OUTGOINGS 6-10 Nos SPMCB 6/10/16 Amp, B-Curve incl. Electrical connection, earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed. SET AS ABOVE	1.00	Nos		
44	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 4 way TPN DB IP 42, Double door INCOMER1 No. TPMCB 63Amp, C-curve OUTGOINGS 5-8 Nos SPMCB 16/25/32 Amp, C-curve 1 no. 10Amp, programmable digital timer switches with 4hr/ 8 Hrs option suitable for 1.0/1.5/2.0 split ACs similar to MDS RE 2000 for server room AC's. incl. Electrical connection, earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed. SET AS ABOVE	1.00	Nos		
45	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. INCOMER1 NOS 40 A DP MCB OUTCOMER2 Nos-40Amp DP MCB, UPS DB outgoing 1 no. 12way SPN DB 1 no. 40Amp DPMCB 6-8 nos. 6/10amp SPMCB SET AS ABOVE	1.00	Nos		
46	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 2.5sq 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. 6/16 A, 5 pin Socket.	19.00	Nos		

47	Preparation of the Earth station: (as per I.S. 3043-1987)Supplying and erecting earth pit of minimum bore dia. 150mm size , approved make Safe Earthing Electrode consisting Pipe-in-Pipe technology as per IS 3043-1987 made of corrosion free G.I. Pipes with constant ohmic value surrounded by highly conductive compound with high charge dissipation suitable for effective and maintenance free earthing, with 3 mtr. G.I. Pipes having outer pipe dia of 50mm having 80-200 micron galvanizing, Inner pipe dia. of 25mm having 200-250 Micron galvanizing, connection terminal dia.of 12mm in nominal soil with 50 kg (Two Bag) Back filling Compound.	2.00	Nos		
48	Supplying and laying 25 X 3 mm copper strip direct on wall/ in ground with screws and washer including soldering / welding etc if required.	10.00	mtrs		
49	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 complet	40.00	mtrs		
50	Supply,laying ,testing and commissioning of the following 1100 volt grade flame proof 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. On surface :S/Fixing the cable on wall / column / beam / ceiling / above false ceiling / existing trench etc incl. s/f of 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 damages4 C x 10.0 sqmm armored copper cable with 10 SWG 2 Nos G.I. wire for Electric room /Ups room and ATM	70.00	mtrs		
51	3.5 C X 35.0 sqmm. Al. Armored .(with 10 SWG 2 Nos. G.I. wire) from ELECTRIC METER to MAIN PANEL	5.00	mtrs		
52	Supplying, Installation, testing and commissioning of the telephone point with the followings -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. 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. Double outlet with shutter modular type Telephone Outlets (RJ – 11) with suitable size PVC modular boxes complete as required .	-			
53	Single outlet with shutter modular type Telephone Outlets (RJ – 11) with suitable size PVC modular boxes complete as required.	-			

54	Providing and fixing 50pair KRONE make telephone tag block with 20 pair module with termination and crimping complete and making good the surface as required/ directed.	-			
55	Providing and fixing 10 pair armoured tinned copper telephone cable in 32 mm PVC conduit from telephone utility junction box	-			
56	COMPUTER POINT : I / O's : Supplying, Installation, testing and commissioning of the Computer point with the followings - (D-Link or equivalent)Four pair STP 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). HMS Pvc Pipe on beam /column / wall / floor etc with all necessary materials i/c connections, identification by numbering etc complete as required as per At & T specification.Single outlet with shutter modular type I / O's Outlets (RJ – 45) with suitable size PVC modular boxes complete as required	14	Nos		
57	Supply and Installation of following factory fabricated patch cords (STP-CAT 6) complete with connectors and boots on both sides. (Two Meter length)	10	Nos		
58	Supply and fixing of 9U Rack 3 side open	1	Nos		
59	16-part Cat6 unshielded wall mount or Rack mount Patch Panel 1	1	Nos		
60	Patch cord Cat6 1 meter B/Y colour	10	Nos		
61	Supply, fixing, testing and commissioning of Recess/Surface mounted decorative luminaire with LED FIXTURES with class I electrical safety, complete as required Fitting Dimensions : 18-30 watts, Minimum 2800 lumens LED size 600X600(Approx.) : CRI>80,PF>0.9 Equivalent Model: Philips RC 380 (LED 'FULLGLOW' series)	43	Nos		
62	10-12 w ,Minimum 1000 lumens LED ROUND DOWN LIGHTER Diameter 110 165mm, CRI>80, PF>0.9 Equivalent Model: Philips 10 S DN 097B/092B (GREEN LED Ultima series)	10	Nos		
63	18-20 w led batten Light of 4'-0" LENGTH min. 1900/2000 Lumens	4	Nos		
64	Supply and fixing of the following fans Wall bracket fan white (400mm blade size)	13	Nos		
				Total=	-
AC LOW SIDE WORKS (Part-C)					

65	Supplying & Laying suitable Copper refrigerant piping (size - suitable for 1.5 Ton split AC for leading brands), 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.	100	Meters		
66	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.	100	Meters		
67	Supplying & Laying of three/four core 2.5sqmm 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.	100	Meters		
				Total=	
	Grand Total (A+B+C)				
	In words				
	GST				
	Grand Total (With GST)				
	In Words				