

**COST SUMMARY****PROPOSED NEW BRANCH AT BOTSA, NAGAAND**

SR. NO.	DESCRIPTION	AMOUNT
<b>A</b>	<b>BRANCH FURNISHING WORKS</b>	
1	CARPENTRY & LOOSE FURNITURE WORKS	
2	ELECTRICAL WORKS	
3	TOTAL COST	
<b>B</b>	<b>ATM FURNISHING WORKS</b>	
1	CARPENTRY WORKS	
2	ELECTRICAL WORKS	
3	TOTAL COST	

PROJECT NAME - CARPENTRY WORKS FOR PROPOSED NEW BRANCH AT BOTSA					
ADDRESS - AT BOTSA, NAGALAND					
WORK TYPE- CARPENTRY WORKS					
SR.NO.	DESCRIPTION	UNIT	QNTY	RATE	AMOUNT
A.	<b>CARPENTRY WORKS</b>				
1	<b>PARTITION WORKS</b>				
	<b>Note :- The rate shall be include of frame work above false ceiling level. Measurement should be taken up to false ceiling level and visible portion only.</b>				
i	<b>FULL HEIGHT PARTLY GLAZED PARTITION BOTH SIDE LAMINATE</b>	SFT	148.00		
	Providing and fixing partition framing which shall consist of Heavy duty Aluminium Box Sections 50mm x 50mm @ 600mm c/c Horizontally and Vertically . The vertical alternate frames to be fixed to the ceiling with necessary fixtures.The framing shall be fixed with 8/9 mm thk. commercial grade plywood on both side and finished with 1mm Laminate of approved shade and make . Approved make 5/6 mm thick itched Float glass or clear glass fixed with frosted film as per design, to be fixed at an height as mentioned in the drawing or as directed by the architect . The skirting should be as per approved laminate as per drawing and direction. Rate shall be inclusive of necessary hardware items, etc. Complete. The edge beadings with steam beach wood should be finished with melamine Polish.				
ii	<b>FULL HT SOLID PARTITION BOTH SIDE LAMINATE</b>	SFT	188.00		
	Providing & fixing in position solid Full Height Partition in frame work in 2'x 2' grid (horizontally and vertically) comprising of 2"x 2" T.W. Section with 9 mm thick plywood and finished with 1 mm thick laminates of approved make and colour as shown in drawing, on both sides. All exposed T.W. surfaces to be finished in melamine polish of matching laminate colour as directed including all necessary wood preservative paint etc. as per list of approved material and as approved by the Project Consultant/ Bank complete in all respects				
iv	<b>Semi ht Solid / Glazed Partition</b>	SFT	44.00		
	Specification same as 4 above but of low ht as per the drawing. All external surface and edges to be finish with 1mm thk laminate of approved shade & make. Providing and Fixing inserted Soft board / White boards / Glass maintaining the vertical surface lines and no extra measurements would be taken for the soft boards / white boards / Glass.				
v	<b>ALUMINIUM HEAVY DUTY FRONT GLAZING</b>	SFT	50.00		
	Providing and fixing fully glazed heavy duty alluminium sections (14 Guage) at the main entrance as shown in the drwng with anodised section( as per the colour as approved by the architect). Glazing shall consist of approved make heavy duty 6" x 2" sections for the top & bottom rails and 2" x 2" sections for the vertical styles. 10mm thk. approved make clear float glass shall be provided and fixed in the framing. Rate shall include necessary etching film / LOGO, and any necessary hardware items. (Heavy Duty 6" & 2" thick frames(14 Guage) - approved make)				
2	<b>DOORS</b>				
i	<b>ENTRANCE DOORS- WITH COLOURED ANNODISED ALLUMINIUM SECTIONS (HEAVY DUTY-14 GAUGE)</b>				
	Providing and fixing fully glazed alluminium (heavy duty 14 gauge) pivoted doors at the main entrances as shown in the drawing. Door shall consist of "Indal/Jindal" make heavy duty 14 gauge sections 6"x2" for top and bottom rails, 2" x 2" for vertical styles. 10mm thk Modi Guard make clear float glass shall be provided and fixed in the framing with necessary packing materials. All the edges of the glass shall be machine polished. Rates shall include necessary itching / frosted filmsas directed by the architect, approved locking system, 1 pair of 18" lonf S.S handle of approved make, floor spring, door stopper, gaskets and misc hardware items				
a	<b>DOORS - WITH OZONE / HAFFLE / YALE / GODREJ MAKE FITTINGS</b>	SFT	24.50		
ii	<b>PARTLY GLAZED/ SOLID FLUSH DOOR (with or Without door frame) /WICKED DOOR, FINISHED ON BOTH SIDES WITH LAMINATE</b>				
	Providing and fixing in position 35mm thick solid core flush door shutters conforming to IS 2202 with/ without(as per design) 6mm thick plain Clear Glass(vision panel) finished with frosting film of approved make as per design and pattern. The shutter is to be finished with 1.0mm thk laminate of approved shade and make on both the sides. All edges should be finished with Second Class Teak Wood lipping (minimum thickness 12 mm) with three or more coats of melamine polish. The glass shall be fixed with the flush door shutter by using suitable beading from both sides made out of second class teak wood. Rate shall include the cost of all approved quality hardwares required like nails, screws, handles, lock, heavy duty hinges, door stoppers etc. in case of veneer partition, the rate shall be inclusive of melamine polish of 2-3 coats or further as per the satisfaction of the architect/ engineer incharge, so as to achive a glossy finish without any marks on the surface. Item to be completed in all respects as per drawings & instructions from EIC /Architect.				
a	<b>With Door Closure</b>	SFT	150.00		

<b>3</b>	<b>PANELLING ON COLUMNS/WALLS/DOORS WITH/ WITHOUT FRAMING</b>				
<b>i</b>	<b>IN PLYWOOD FINISHED WITH LAMINATE FINISH</b>	SFT	598		
	Providing and fixing panelling on walls/ columns with or without framing as per the directions of the architect. Framing if required and provided, shall consists of aluminium sections 50mm x 40mm(wall thickness 2mm) @ 2'-0" c/c both ways horizontally and vertically on the wall. The framing would be covered with 1/4" thk plywood finished in approved shade of laminate of thickness 1.0mm. Wooden moulding, lipping etc as directed by the architect shall be provided wherever required. The panelling should be done in such a way that it can house the sliding folding partition when fully opened and remain in flush with the panelling				
<b>4</b>	<b>LOW HT RUNNING STORAGE (1'-6"DX2'-6"HT) (BACK CADENZA)</b>	SFT	48		
	Providing and laying low ht Storage unit of sizes as mentioned above. They shall consist of 3/4" thk plywood for top, base and sides and base 1/4" thk marine plywood, 3/4" thk plywood shutter with self closing hinges of haffle make(full ovel open) & PVC lipping matching with the approved shade of laminate on all the edges. All external surfaces shall be finished with 1.0mm thk laminate of approved shade and make. Divisions of the shutter shall be make equally according to the length of the storage. A 3/4" thk fixed ply wood shelf on battens shall be provided @16" intervals from the base. Suitable wooden moulding (as per Architects design) with mellamine polish shall be provided to the edges of the storage top. All inner surfaces including shutters shall be finished with natural french polish. Rates shall be inclusive of all necessary approved fittings like hinges(haffle make), locks, 3" long brushed finish handle, tower bolts and any other misc hardware items of approved make				
<b>5</b>	<b>SHUTTER BOXING</b>	SFT	48		
	Providing and Fixing Shutter Boxing with 19mm thk Marine Ply and Finished with Aluminium Composite Panel. The boxing of shutter should be made opennable type for periodic maintainance. <u>Note the mode of measurement would be the multiplication of the length and the height of the boxing</u>				
<b>6</b>	<b>GYPNUM BOARD CEILING WITH POP PUNNING</b>	SFT	400		
	Providing and fixing 1/2" thk Gypsum India Board false ceiling at levels as shown in the drg. From the FFL. Rate shall be inclusive of all Gypsum India Components contained G.I perimeter channels of size 0.55 thk having one flange of 20mm and another flange of 30mm and a web of 27mm along the perimeter of the ceiling, screw fixed to brick wall/partition with the help of nylon sleeves and screws at 610mm centres. The suspending G.I intermediate channels of size 45mm, 0.9mm thk with two flanges of 15mm each from the soffit at 1220mm centres with ceiling angles of width 25mm x 10mm x 0.55mm thk fixed to soffit with G.I cleat and steel expansion fastner at every 610mm c/c. Ceiling sections of 0.55mm thk having knurled web of 51.5mm and two flanges of 26mm each with lips of 10.5mm are then fixed to the intermediate channel with the help of connecting clip and in directions perpendicular to the intermediate channel at 457mm centres. 12.5mm tapered edge Gypboard is then screw fixed to ceiling section with 25mm drywall screws driver or drilling machine with suitable attachment. The board are to be jointed and finished so as to have a flush look which includes filling and finishing the tapered and square edge of the boards with jointing compound & jointing paper tape. Rate shall be inclusive of any vertical ceiling part, cutouts for spot and tube lights, a.c grills, fire and security system cutouts. All Sections should adhere to the manufacturer's guidelines .				
	<b>Note-</b> Rates shall be inclusive of The drop/band of 6"-12" between the gypsum(at lower level) and Armstrong(at heigher level). No extra can be claimed for the same. Amount will be paid as per the measurement of the horizontal surfaces of Gypsum and Armstrong and nothing will be paid for vertical surface / band/ drop as it is all inclusive				
<b>7</b>	<b>MODULAR FALSE CEILING- ARMSTRONG make</b>	SFT	380		
	Providing and fixing Armstrong (Fine Fissured Micro Look with Tagular Edge using 15mm grid sections) false ceiling of size 24" X24" AT LEVELS AS SHOWN IN THE DRG. FROM THE FFL. Rates shall be inclusive of providing the total system with installation etc. The contractor has to maintain all ceiling tiles in good order and replace the defective tiles (at his own cost) before the handing over of the site.				
<b>8</b>	<b>COLOURED ACRYLIC SHEET LOGO FOR THE BANK, (BACK LIT) OVERALL SIZE 450MM X 450 MM-</b>	NOS	1.00		
	Supplying , fabricating and installation of BOB's Logo made of coloured acrylic sheet 5-6mm thk in box section, and as per the sizes as mentioned in the detailed drawings . This Coloured Acrylic sheet box logo should be fixed with light from inside so as to have a back lit , as per the direction of the architect.				
<b>9</b>	<b>PAINTING &amp; POP/ WALL PUTTY WORKS</b>				
<b>i</b>	<b>PLASTIC EMULSION (ONLY IN BANKING HALL)</b>	S.FT.	250.00		
	Providing & applying plastic emulsion paint on walls, columns & ceilings. The rate shall include scrapping, levelling & preparing the surface. Primer coat + (minimum) 3 coats to get evenly spread quality finish (roller finish) of approved make , quality & finish shall be provided.				
<b>ii</b>	<b>DISTEMPER PAINT AT STORE, UPS,PANTRY,TOILETS &amp; OTHER NON-CUSTOMER AREAS</b>	S.FT.	1200.00		

	Providing & applying distemper paint on walls, columns & ceilings at places as mentioned above and as directed by the architect. The rate shall include scrapping, levelling & preparing the surface. Primer coat + (minimum) 3 coats to get evenly spread quality finish (roller finish) of approved make , quality & finish shall be provided.				
iii	<b>LUSTRE PAINT IN GYPSUM FALSE CEILING</b>	S.FT.	400.00		
	Providing & applying Luster Paint on walls, columns & ceilings. The rate shall include scrapping, levelling & preparing the surface. Primer coat + (minimum) 3 coats to get evenly spread quality finish (roller finish) of approved make, quality & shade shall be provided.				
iv	<b>ENAMEL PAINT IN ROLLING SHUTTER, COLLAPSABLE GATE , WINDOW GRILLS AND OTHER METAL WORKS</b>	S.FT.	400.00		
	Providing & applying 1 <sup>st</sup> quality oil paint of approved make, quality & shade. The rate shall include scrapping, levelling & preparing the surface with primer quote.				
v	<b>POP/ WALL PUTTY ON EXISTING WALLS (ONLY IN BANKING HALL)</b>	S.FT.	250.00		
	Providing and applying POP Punning/ Birla Wall Putty on walls and columns (average 6mm thk). The rate shall include scrapping, levelling and preparing the surface. The rate shall include scrapping, levelling and preparing the surface. The rate shall be inclusive of all types of grooves above the skirting, around the windows and door frames. If the average thickness is found to be 4mm or less than POP/ Wall putty will be considered as a putti finish and the rate shall be 50% of the quoted rate				
<b>B.</b>	<b>LOOSE FURNITURE WORKS</b>				
<b>1</b>	<b>DESK &amp; DRAWERS</b>				
i	<b>OFFICER'S TABLE (2'3" x 4'-6" x 2'-6" ht)</b>	NOS	2		
	Providing and fixing a desk of overall size of top as mentioned. It shall consist of 3/4" thk plywood top as per design(double edge on the front and the back with 1 1/2" thk half round moulding on the edges) supported on 3/4" thk plywood verticals. Suitable (as per architect's design) wooden moulding with mellamine polish shall be provided to the edges of the top. A 3/4" thk plywood apron shall be provided as per architect's design with necessary pattern. The table top shall be finished with 1.0 mm thk laminate of approved shade and all external surfaces to be finished with 1.0mm thk laminate of approved shade. Each top shall be provided with a pedestal (set of three drawers with central locking system either movable or fixed to the table), 1.no metal computer key board tray as per architect's design fixed with telescopic /double (haffle/albihari/solo make) sliders ,a 3" dia PVC wire manager of approved quality near the CPU/Monitor position as shown in the drg. 1 no Metal CPU Trolley to be provided below the desk as shown in the drg and a foot rest made out of 19mm thk plywood as per the design or as directed by the architect shall also be provide below the counter. All the inner surfaces shall be finished with Laminate finish of approved shade. Rates shall be inclusive of all necessary approved fittings like locks(godrej/vijayan make) for drawers and any misc. hardware items				
ii	<b>MANAGER'S TABLE( 2'-6" X 6'-0" X 2'-6") WITH 6MM THK CLEAR GLASS WITH POLISHED EDGES ON TABLETOP</b>	NOS	1		
	Providing and fixing a desk of overall size of top as mentioned. It shall consist of 3/4" thk plywood top as per design(double edge on the front and the back with 1 1/2" thk half round moulding on the edges) supported on 3/4" thk plywood verticals. Suitable (as per architect's design) wooden moulding with mellamine polish shall be provided to the edges of the top. A 3/4" thk plywood apron shall be provided as per architect's design with necessary pattern. The table top shall be finished with 1.0 mm thk laminate of approved shade and all external surfaces to be finished with 1.0mm thk laminate of approved shade. Each top shall be provided with a pedestal (set of three drawers with central locking system either movable or fixed to the table), 1.no metal computer key board tray as per architect's design fixed with telescopic /double (haffle/albihari/solo make) sliders ,a 3" dia PVC wire manager of approved quality near the CPU/Monitor position as shown in the drg. 1 no Metal CPU Trolley to be provided below the desk as shown in the drg and a foot rest made out of 19mm thk plywood as per the design or as directed by the architect shall also be provide below the counter. All the inner surfaces shall be finished with Laminate finish of approved shade. Rates shall be inclusive of all necessary approved fittings like locks(godrej/vijayan make) for drawers and any misc. hardware items				
iii	<b>CASH COUNTER 1650 mm x 1950 mm , with partitions ,Rear Door etc. all complete</b>	NOS	2		

	<p>Providing and fixing Cash Counter in Laminate finish of clear internal dimension 5'-6" X 6'-6" all complete with glazed partition in 12 mm thk itched glass as per design in front including rear doors fixed with Godrej Make Night Latch, The counter shall be provided with a table top of 2'6" deep of 1 1/2" thk and finished with laminate of approved shade. The counter shall comprises of a Metal key board Tray, Metal Cpu Trolley, Wire Manager etc.A drawer unit comprising of three drawer set shall be fixed with the counter or as directed by the architect. The drawer unit shall have a central locking arrangement and the lock should be of godrej make. Rates shall be inclusive of all hardware fittings like locks, handles, hinges, telescopic channel etc as required. A foot rest made out of 19mm thk plywood as per the design or as directed by the architect shall also be provide below the counter. provision should be made on side by providing a niche of size 6" x 6" on sides of counter for boucher passing.<b><u>NOTE- Rates shall be inclusive of all semi ht semi glazed partition of maximum height 6'-0" from FFL on sides and back and no claim of partition in cash cabin will be entertained extra.</u></b> i)Working top made with 25mm thick plywood finished with 1mm thick laminate. Outside edge of the working top shall be provided with 1¼"x1" Teak Wood moulding finished with melamine polish. Inside edge will be provided with ½ "x1" T.W. beading patti with melamine polish.ii)Vertical facia (Apron) made with 18mm thick plywood finished with 1mm thick laminate with 1mm thick groove at the joint of laminates of two different shades.</p>				
	<p>iv)1'-0" height solid partition over working top and fixed with a ledge(transaction top) made in 19mm thk plywood and flexi ply and finished with 6mm thk Corian of approved shade and make @3'-6" from finished floor lvl (Mirror Polished) rounded and taken below as apron with necessary grooving for strip light as per design.The ledge should be such that it is projecting 4" inside the counte and 8" outside the counter and rounded and taken down to 2'-6" above Finished floor level on customer side v) A gap of 4"should be left above the transaction top (all along the width of the teller counter) vi)Glazed partition having height 1'.0" above the transaction top (in facia) and also above 4" clear gap shall be provided with 12 mm thick glass (itched) as per drawing. The edges of cut out and the top edge of glass are to be mirror polished and to be fixed to partition as per fixing details and to boxing with concealed S. S. finished 'D' brackets as shown in the drawing. vii)FULL Glazed (IN FRONT, SIDES AND BACK till 6'-0" lvl from ground level) partition provided with 12mm thick glass (itched) above the slit to be fixed to partition as per fixing details and to boxing with concealed S. S. finished 'D' brackets as shown in the drawing. . The exposed edges shall be finished in mirror polish.ix)Telescopic CPU Stand/ ready made Keyboard tray shall be provided of approved model and make.x) Footrest made with T.W. member of size 4"x1 ½ " finished with french polish.</p>				
	<p>xi) Drawer units as per drawing shall be provided and each drawer should have vertical partitions for keeping the currency notes and multipurpose Godrej locks. Facia of drawer unit shall be finished with 1mm thick laminate and all other sides shall be finished with white enamel paint. The drawers will be provided with handles (Stainless Steel finish) and channels as per approval of the Project Consultant / Bank.xii) Boxing as per drawing made with 12mm thick plywood finished with Synthetic enamel paint shall be provided below the table top for electrical conduiting and at the bottom for the LAN cabling/Telephone wire conduiting.<b><u>The item to include all necessary hardware and fittings in Stainless Steel finish. Necessary beadings with matching melamine polish for fixing the glass are to be provided as per drawing/ as directed.Rates shall also be inclusive of Doors with Godrej Night Latch for Cash counters</u></b></p>				
	<p><b>Important Note- Places where one side of the Cash Counter is attached to wall, then the same wall surface should have full ht panelling (instead of partition as per Cash Counter specifications as above) and the rate quoted for the cash counter shall be inclusive of the same. If panelling is not done on the same wall inside the Cash Counter then necessary deduction shall be made for that area as per the quoted rate of panleing works.</b></p>				
iv	<b>SIDE CADENZA</b>				
	<p>Providing and laying side cadenza of above sizes and as mentioned in the drawing.It shall consist of 3/4" thk plywood top, side and bases and 1/4" thk back. The edges on th top shall be provided with suitable(as per architect's design)wooden moulding with melamine finish.A pair of 3/4" wood shutters will be provided which will slide on 1" x1" wooden battens above skirting. 1"a3/8" deep vertical depression shall be made on each shutters to act as handle as shown in the drawing. All external surfaces should be finished in 1.0mm laminate of approved shade and make. A 3/4" thk fixed ply wood shelf on battens shall be provided at 16" intervals from the base.Rates shall be inclusive of necessary approved fittings like sliding rollers, locks, tower bolts and any other misc. hardware items</p>				
(a)	SIZE - 1050MM X 400MM X 750MM (For BM only)	NOS	1		
(b)	SIZE - 975MM X 400MM X 750MM	NOS	2		
v	<b>SUB-STAFF/ SECURITY GUARD TABLE/ COUNTER 450MM WIDE</b>	RFT	3		

	Providing and laying a Plain Table for Security Gurd with a Pencil Drawers for over all size of top as mentioned above. It shall consist of 3/4" thk. Comm. Ply top as per design (double edge on the front and back with 1 1/2" thk half round moulding on the edges) supported on 3/4" thk. Comm. Ply verticals at every 3' length. Suitable (as per Architects design) wooden moulding with mellamine shall be provided to the edge of the top. The top of the counter should be finished with 1.0mm Laminate and all other external surfaces to be finished in 1.0 mm. Thk. Laminate (suede finish)of approved make.				
vi	<b>WALL MOUNTED WRITING TABLE 0'-10" TO 1'- 0" WIDE</b>	RFT	4		
	Providing and Fixing wall mounted writing ledge as per design. The top shall be made of 19 mm thk plywood fixed with flexi ply to achieve curved surfaces on either sides as per design and fixed with 6mm thk corian , mirror polished, of approved shade and make. The ledge shall be provided with 10" high plywood selves with necessary partitions in between made out of 19mm thk plywood and finished with laminate of approved shade. ledge should be supported on 19mm thick comm. ply on rear side for fixing to the wall. The bottom ply piece to be supported additionally with 2 Nos. of SS Brackets.				
vii	<b>NOTICE BOARD</b>	SFT	12		
	Providing and fixing notice board size as required/ directed (matching with the panel of the cabin) with openable shutter on the front. Made out of 19mm thick Steam beech veneered block board frame and outer frame in 2 1/2" x 1 1/2" Steam beech wood section , concealed hinges , locking arrangement , and glass of (5.5mm thick) with rear panel of SITATEX board , covered with fabric of approved shade. (Basic rate Rs.100/-per mtr , 48" width), fixed to back ply 6mm thick . All complete including melamine polish in stain of required shade. All complete as per approval of the Architect / employer				
viii	<b>COMPLAIN BOX &amp; SUGGESTION BOX</b>	NOS	1		
	Supplying and erecting free-standing complain box of overall size 300 mm long x 200 mm deep x 450 mm high made of 19 mm thick phenol formaldehyde block board, all as in drawing, complete with hardware fittings and fixtures of approved make and quality.Top and all exposed surfaces of block board are to be finished with 1.00 mm thick laminate sheet of approved shade and quality. Inner faces of block board surfaces are to be finished with minimum two coats of synthetic enamel paint of approved shade and quality over a coat of approved primer.				
ix	<b>CHEQUE DROP BOX</b>	NOS	1		
	Supplying and erecting cheque drop box (overall size 450 mm x 300 mm x 750 mm) made of 19mm thick phenol formaldehyde bonded plyboard and the curved portion at top made out of 90 mm x 90 mm C.P teak wood section. A slit opening of 10 mm x 150 mm is to be provided at the top of the box. An openable shutter of 259 mm x 262 mm size made of 19 mm thick phenol formaldehyde bonded block board is to be provided at 1.50 mm above finished floor level. All the exposed timber surfaces including all free edges are to be finished with 1 mm thick laminate sheet of combination shade .Inner faces of block board surfaces are to be finished with minimum two coats of synthetic enamel paint of approved shade and quality over a coat of approved primer.Rate to include cost of necessary hardware fittings e.g. brass hinges, lock, knob etc. of approved designand quality.				
x	<b>VERTICAL BLINDS</b>	SFT	130		
	Supplying and Fixing VERTICAL BLINDS Vista/Mac/Parytex make. Blinds made using 100% polyester with acrylic polymer coating, of the shade and colour as approved by the Arcitect/ Bank ffficial( <b>only for external windows. In case of front facia &amp; partitions (both fully glazed or partly glazed) necessary approval need to be obtained</b> )				
	<b>GRAND TOTAL</b>				

**ELECTRICAL WORKS FOR PROPOSED NEW BRANCH AT BOTSA, NAGALAND**

**GENERAL NOTE**

1	UPS input and Output wiring should be done with FRLS Insulated stranded copper conductor laid through M.S Conduit. ( From input DB to UPS and from UPS Output to UPS Output DB)
2	All wires for circuit wiring and other wiring should be drawn inside M. S. Conduits Only unless otherwise specified
3	Specifications of all wires should be followed strictly as mentioned in the BOQ
4	All makes of materials should be strictly followed as mentioned in the detailed specifications of the Tender document
5	Earthing Test Certificate should be provided alongwith the Final bill for further bill verification
6	Single Line diagram showing the all the wiring including point wiring, computer and RAW power wiring, Circuit wiring etc. all complete should be submitted with the Final Bill
7	Only DATA and Voice point wiring is allowed to be carried out through MS Conduits

**PART A: ELECTRICAL WORKS**

Sl. No	Description	Unit	Qty	Rate	Amount
<b>SECTION-A</b>					
1	<b>MAIN SWITCH</b>				
1.1.	S.I.T.C of following MCCB Unt with MCCB in sheet steel enclosure on M.S. angle frame / M.S. legs on wall complete with interconnection, mending good damages to original finish, painting, etc. as required.				
	<b>40A 4P 25 KA MCCB</b>	No.	1		
2	S.I.T.C. of Factory Manufactured Single/ 3 Phase & Neutral Double Door Distribution board made out of 16 SWG sheet steel enclosure with cutouts for operating MCB/MCCB/RCCB etc. knobs & consisting of Phase, Neutral & Earth Busbars with tapped holes , phase barriers, & covers with removable plates on Top & bottom for Incoming & Outgoing Cables . D.B.'s shall be flush mounting type for both single & three phase.				
2.1.	<b>S.I.T.C. of TPN 4 way Double Door Vertical Distribution Board with following M.C.B./M.C.C.B./RCCB &amp; cable end boxes at Input &amp; Output. [Main VTPN]</b>				
a	4 Pole ,Type C, 40 Amp 30KA RCCB as Incomer - 1 no.s 25A DP "C" Class MCB . for input to LDB - 1 Nos 40A DP "C" Class MCB for input to Raw PDB- 1 Nos. (Water Dispenser, Mobile Charger & Ancillary services Load) 40A DP "C" Class MCB for input to ACDB- 1 Nos. 40A SP "C" Class MCB for Inverter INPUT AND OUTPUT- 2 Nos, .	No.	1		
	<b><u>Note- Rates Shall be inclusive of S.I.T.C. 3X35 sqmm Armoured alluminium cable from the Main LT panel to the main DB including 4 X10 Sq.mm. F.R.L.S. Copper Flexible wires with 2 X 10 Sqmm Copper Earth Wires in Rigid MS conduit from 100 A MCCB in Metal Box (Metering Cabinet) at the output of Br. Meter to Main DB and any other ancillary items as directed by Engineer-in-Charge/ Architect.</u></b>				
	<b><u>Note- FOR AC POINTS Rates Shall be inclusive of S.I.T.C. of 4 x 6.0mm2 + 2x4.0 mm2 F.R.L.S. copper flexible wires in 19/20 mm. MS conduit from Main Panel To AC points</u></b>				
<b>Section B</b>					
3	<b>MCB DISTRIBUTION BOARD</b>				
	Supplying, installation, testing and commissioning of surface/recess mounting, 220/415 volts prewired MCB distribution boards with all switchgears as specified below, of sheet steel, dust protected, duly phosphatized and powder painted, inclusive of 200 amps tinned uniformly rated electrolytic copper bus-bar, common neutral link, earth bar, din bar for mounting MCB/MCCB/RCCBs detachable gland/knock out plates and with built in loose wire box, and superior make terminal connectors for all incoming and outgoing circuits, duly prewired with adequate size of FR MS insulated copper conductor upto the terminal connector/neutral link and ready for installation as specified below:				
3.1.	<b>S.I.T.C. Of L.D.B. [MCB DB- LIGHT] (LIGHT DB)</b>				
a.1.	S & I of 10 Way SPN, DB for distribution to all Light points of different areas (as indicated in the circuit diagram), having below mentioned switchgears (Earth bar inside these DB should be insulated from the body) - 25A, 30 mA, DP RCCB as incomer - 1 Nos, 6A SP MCB as outgoing -8 Nos.	No.	1		
	<b><u>Note- Rates Shall be inclusive of S.I.T.C. of 3X 2.5 Sq.mm. F.R.L.S. copper flexible wires in 19/20 mm. MS conduit from Main D.B To L.D.B</u></b>				
b	<b>S.I.T.C. Of P.D.B. [MCBDB-POWER] (Raw Power DB)</b>				

b.1.	S.I.T.C. of SPN 12 way Single door D.B. with Incomer 40Amp 30mA, DP RCCB - 1 No . 10A SP MCB- 4 Nos. 6A SP MCB-6 Nos. with all wiring connections.( Max. 2 Points to be looped on one MCB, 3 nos. in exceptional case.)	No.	1		
	<b>Note- Rates Shall be inclusive of S.I.T.C. of 3 X 4 Sq.mm. F.R.L.S. Copper Flexible wires in Rigid MS conduit from Main DB to Power DB</b>				
c	S.I.T.C OF U.P.S. D.B. : (MCBDB-UPS )				
	S.I.T.C. of 8 way Single Door SPN D.B. with Incomer Double pole 30 mA 25 Amp RCCB - 1 No 10A SP MCB- 6 Nos. with all wiring connections.( Max. 2 work-Station Points to be looped on one MCB, 3 nos. in exceptional case.)	No.	1		
	<b>Note- Rates Shall be inclusive of S.I.T.C. of 3 X 4 Sq.mm. F.R.L.S. Copper Flexible wires in Rigid MS conduit from Main DB to MCBDB-UPS-1. (body to be earthed)</b>				
d	S.I.T.C of 40A DP MCB in Metallic box for UPS I./P.& O./P.(FOR 2 NOS OF UPS)	No	4		
f	<u>S.I.T.C. Of ACDB [MCB DB- AC]</u>				
	S.I.T.C. of 10 way Single door SPN Distribution Board with all wiring connections. Incomer : -25A DP 30mA RCCB : - 1 No. Outgoing : - 20A DP MCB : - 4 Nos.	No.	1		
	<b>Note- Rates Shall be inclusive of S.I.T.C. of 4 x 6.0mm<sup>2</sup> + 2x4.0 mm<sup>2</sup> F.R.L.S. copper flexible wires in 19/20 mm. Medium Guage MS conduit from Main Panel To ACDB</b>				
	<b>SECTION-C</b>				
4	<b>POINT WIRING</b>				
4.1	Supply & Installation of concealed point wiring using 3 x 1.5 sqmm stranded FRLS copper conductor in <u>M.S Conduit</u> including the cost of circuit wiring from the relevant DB's with 3x 1.5 sq mm stranded FRLS copper conductor in <u>M.S Conduit</u> . PIN GRIP Lugs should be used for connection/ terminations at both the ends with proper colour coding of phase, neutral and earth wire ( Phase R,Y,B Neutral-Black & Earth - Green Colour). The rate shall also include concealed M.S Box, Cover Plate and Switches of grid plate type switches and sockets of approved shade and make as approved by Bank / Architect. Each circuit should not have more than 8 points / 800 W in one loop as per the following configuration.				
a (i)	Primary light points including the cost of 6A switch	Pts	20		
(ii)	Primary light points including the cost of 6A switch in UPS Power	Pts	5		
iii	Secondary loop Points	Pts	6		
b	Secondary 6A Plug point on switch board. [SO]	Pts	2		
c	16/6 A Plug Point directly taken from PDB for hotplate/geyser / zerox / fridger etc.	Pts	1		
d	Exhaust fan/ Wall Fan point consisting of 6A socket near fan and switch on light switch board	Pts	11		
e	Ceiling Fan point with modular type regulator	Set	1		
f	S.I.T.C. of call bell with bell point .	Nos.	1		
4.2	<b>COMPUTER/ RAW POWER WIRING</b>				
	Note- All sockets should be placed below the workstations as mentioned in the drawings but the controlling switch should fixed above the work stations and at place as directed by the architect				
a	Supply & Installation of concealed UPS or stabilized power plug points on workstations / table for computers using 3 x 2.5 sqmm stranded FRLS copper conductor in <u>M.S Conduit</u> including the cost of circuit wiring from the relevant DB's with 3 x 4.0 sq mm stranded FRLS copper conductor in <u>M.S Conduit</u> . PIN GRIP Lugs should be used for connection/ terminations at both the ends with proper colour coding of phase, neutral and earth wire ( Phase R,Y,B Neutral-Black & Earth - Green Colour). Each point shall consist of 3 Nos of 6A/16A 2 / 3 Pin sockets and 1 No 16A switch, wired together forming one point. Switches and sockets to be of approved shade and make. ( Only 2 tables served by one circuit from UPS DB/ Not more than 2 points shall be permitted per loop) Cost is inclusive of necessary cutting the walls/ partitions and carrying all the wires through <u>M.S Conduit</u> and againg finishing the walls with Putty/ Cement/ POP to receive the final paint.. [SOC]	Pts	7		



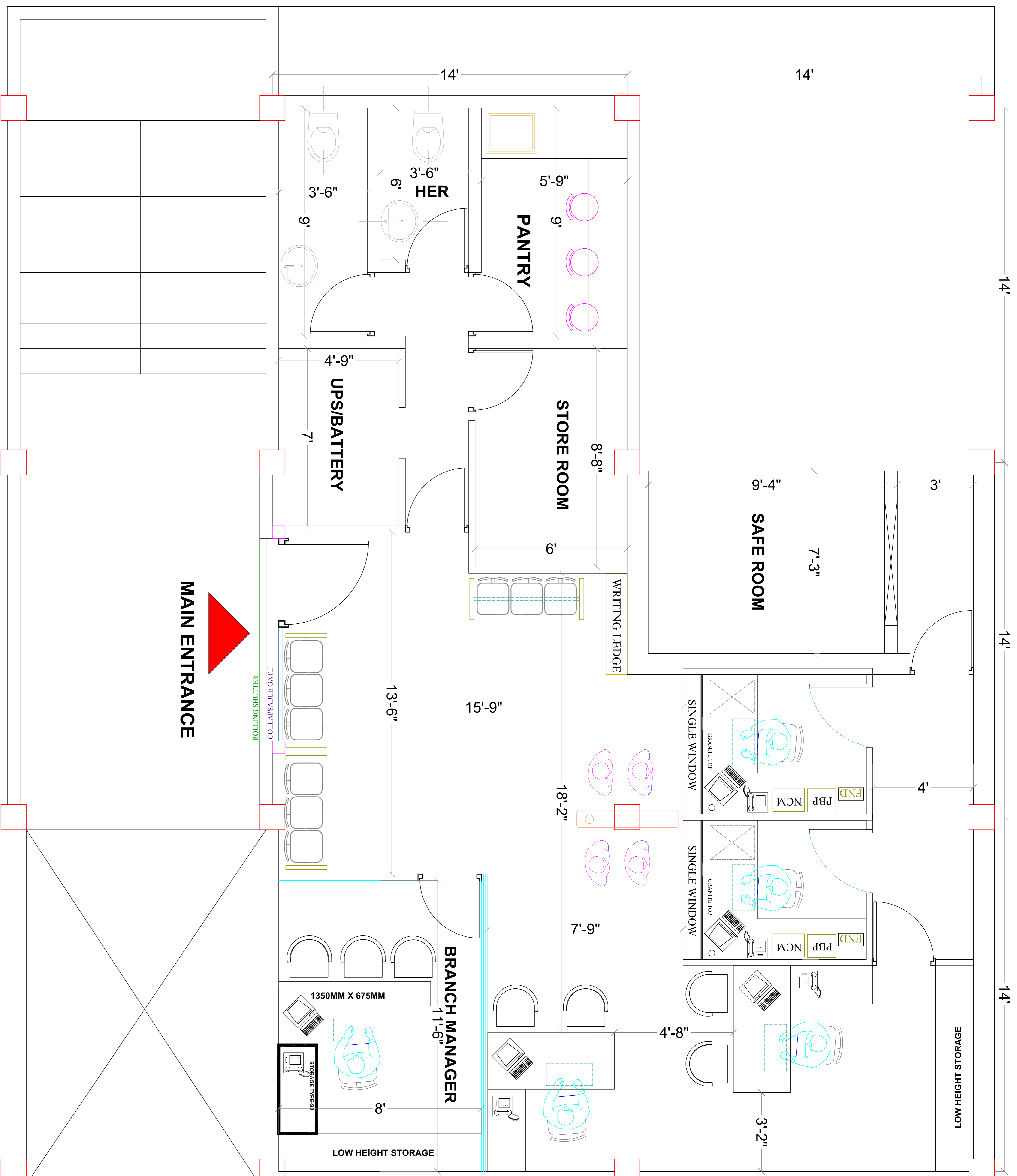
b	S & I of points similar to above but to be used as raw power point on the tables consisting of one 6/16A socket with switch of other color and flexible cable of black color & circuit taken from <b>Raw Power DB</b> ( 2 tables ( Maximum 3) served by one circuit from LDB/PDB) Taken Above False ceiling and through walls/partitions inside <b>M.S. Conduits</b> as raceways are not provided. Cost is inclusive of necessary cutting the walls and including <b>M.S. Conduits</b> as required for taking the wires.	Pts	7		
c	1 Nos of 6A sockets/SWITCH with one No. of 6A switch.. UPS Power/Raw Power ON CASH COUNTER	Pts	2		
d	1 No of 6A/16A switch sockets 6pin. Raw Power/Raw power FOR PRINTERS/ XEROX/HEATER& OTHER UTILITIES,	Pts	2		
<b>SECTION-D</b>					
5	<b>EARTHING</b>				
5.1	Earthing with Copper earth plate 600 x 600 x 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc with charcoal/ coke and salt as required.Rate shall be inclusive of Providing & fixing 25 mm x 5 mm Cu strip on surface or in recess for connection as required.	Each	1		
	Earthing with GI earth plate 600x600x3mmthick including accessories, and providingmasonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc with charcoal/ coke and salt as required. Rate shall be inclusive of Providing & fixing 25 mm x 5 mm G.I. strip on surface or in recess for connection as required.	Each	1		
<b>SECTION-E</b>					
6	<b>LIGHTING FIXTURES (Bajaj or equivalent)</b>				
6.1	S & I of lighting fixtures as per the details given below including necessary hardware such as clamps,nuts, bolts, nails, screws and suspension chains as required for fixing the fixtures in position as directed by architect / Consultant.				
a	<b>PANEL LIGHT [PL]</b> - Ultra Slim LED Panel made from extruded aluminium housing frame (recess / pendant) 2ft x 2ft , Wattage-30W, CCT- 4000 K, of Phillips, Havells, Bajaj, Century or equivalent as approved by the Engineer-incharge/ Architect.	No	14		
b	<b>DOWN LIGHT [DL]</b> - Round LED recess-mounted designer panel with aluminium die cast housing , Wattage-18W, CCT- 4000 K, of Phillips, Havells, Bajaj, Century or equivalent as approved by the Engineer-incharge/ Architect.	No	12		
c	<b>DOWN LIGHT [DL]</b> - Round LED recess-mounted designer panel with aluminium die cast housing , Wattage-14W, CCT- 4000 K, of Phillips, Havells, Bajaj, Century or equivalent as approved by the Engineer-incharge/ Architect.	No	5		
d	<b>1200 MM TUBE LIGHT [TL]</b> - LED batten tubes, Glaze LED Batten, High quality aluminium extruded with decorative end caps, Wattage-20W, CCT- 4000 K, of Phillips, Havells, Bajaj, Century or equivalent as approved by the Engineer-incharge/ Architect.	Each	7		
e	<b>600 MM TUBE LIGHT</b> - LED batten tubes, Glaze LED Batten, High quality aluminium extruded with decorative end caps, Wattage-10W, CCT- 4000 K, of Phillips, Havells, Bajaj, Century or equivalent as approved by the Engineer-incharge/ Architect. [FL]	Each	2		
6.2	Supplying including fitting fixing of following star rated A.C. Ceiling fan complete with all accessories like down rod, canopy etc. of following sweeps with making necessary connection cable, as approved by the Deptt.s etc. as required complete and as directed by the Department [ <b>With regulator on Switch Board</b> ]. (ORIENT PSPO make / Usha make/ CROMPTON make/ATC/ V GAURD make). Rates shall be inclusive of providing and fixing of M.S. fastner hooks for fixing the fan from the ceiling .				
	<b>a) 1200 mm sweep (1 IN STRONG ROOM )</b>	EACH	1		
6.3.	Supplying including fitting fixing of following star rated new 450 mm dia bracket/wall fan in <b>metal body and metal blade of Orient Electric (TORNADO Wall Black Metal)</b> or equivalent of approved make , complete with all accessories with necessary connection cable, as approved by the Deptt.s etc. as required complete and as directed by the Bank				
	<b>a) 400- 450 mm sweep</b>	EACH	8		
6.4	Supply and fixing of 10" - 12" PVC exhaust fans with louvers.[EF]	EAC H	3		
7	<b>WIRING FOR DATA AND VOICE OUTLETS</b>				

7.1	Supplying, laying and termination of 4 pair Copper solid, twisted pair G600 CAT--6 cables through specified dia MS conduits / raceways. Cables must meet and exceed category 6/ class E standards requirements in ISO/IEC11801, CENELEC EN50173 & TIA 568-B2-1. and providing & terminating with RJ-45 (Krone make) with face plates / I/O Ports in suitable modular / MS box from server / EPABX room to individual work stations and terminating other end with RJ-45 connector including numbering with ferule. Note- Rates shall be all inclusive as mentioned in the description above and the payment for the same item shall be made on the number of points provided based on the above description. Rates shall be inclusive of 5'-0" long patch chord with crimping on both ends				
a	RJ-45 for data points ( THROUGH False ceiling and wall)	points	6		
8	<b>A.C POINT WIRING</b>				
	A.C. power point wiring from AC DB with 1100 volt grade 2 Nos. single core 6 sq.mm. + 1 No. 4 sq.mm. (Green colour for earthing) PVC insulated flexible FRLS copper conductor cable through suitable size M.S. conduit (ISI marked embossed on conduit surface) complete with junction box, circular box, elbows, bends, couplers and other accessories on surface above false ceiling or concealed by chase cutting on wall complete with AC power unit having 20A DP MCB in Matellic Box along with Stabilizer, 20A plug and Socket, 20A Starter, mounting box & front plate, interconnection, mending good all damages to original finish, painting etc. as required. All connections of wires to be done by means of 'Wago' type connectors.Rates shall be inclusive of cost of wires, wirings, sockets,starter, testing all complete.	NOS	4		
<b>A</b>	<b>TOTAL OF ELECTRICAL &amp; OTHER RELATED WORKS</b>				

## ESTIMATE FOR ONSITE ATM OF PROPOSED NEW BRANCH AT BOTSA, NAGALAND

S.No	Details of the BOQ	Qty	Unit	Rate	Amount
	<b>CARPENTRY WORKS</b>				
1a	Outside Panelling at entrance and walls to 7ft. / 8 ft. height made of 2" x 2" Aluminum box section with 5mm ISO Aluminum Composite Panel. Exterior Panelling of shutter with 4 mm Aluminum Composite Sheet with trap door and all accessories.	66	SFT		
b	Providing and fixing panelling on walls/ columns with or without framing as per the directions of the architect. Framing if required and provided, shall consists of aluminium sections 50mm x 40mm(wall thickness 2mm) @ 2'-0" c/c both ways horizontally and vertically on the wall. The framing would be covered with 1/4" thk plywood finished in approved shade of laminate of thickness 1.0mm. Wooden moulding, lipping etc as directed by the architect shall be provided wherever required. The panelling should be done in such a way that it can house the sliding folding partition when fully opened and remain in flush with the panelling	144	SFT		
2	<b>UPS Cabinet For Lobby ATMs Only (IF AND ONLY, BACK ROOM /PARTITION CANNOT BE PROVIDED FOR UPS ROOM)–</b> 3'.6" X 3'.6" X 7' ht wooden cabinet having two shelves, one at 3' ht and the other at 5' ht. Shutters to have 4" TW Frame on all four sides and a 4" TW patti in the centre approved laminate to be pasted on the TW framing. 6" high aluminium grill to be provided on the front shutter on top and bottom along the length of the shutter fro ac ventellation	0	0.00		
3	Dust bin - PVC Type	1	NOS		
4	Shutter Boxing – Providing and fixing shutter box with ACP fixed to a framework of aluminiumbox sections and finished in with 4.0mm thk ACP Sheet as per detail. Cost to include all necessary framework, support and fixing details, etc.. Complete	32	sft		
5	POP Punning – Punning with a 1/2" to 1" thick layer of super-fine Plaster-of-Paris (anhydrous gypsum) applied over selected existing surfaces on walls and columns, finished smooth, surface prepared by hacking and applying a coat of slurry if required, including all incidentals etc. complete	120	sft		
6.a	Plustic Emulsion Paints on ceiling and walls	180	sft		
b	Distemper Pain in Back Room	168	sft		
7	<b>MODULAR FALSE CEILING - ARMSTRONG METAL MODULAR CEILING / equivalent make</b>				
	Providing and fixing Armstrong Metal Modular false ceiling of size 24"x24" at levels as shown in the drwng. from FFL. Rate shall be inclusive of providing the total system with installation etc.. The contractor has to maintain all tiles in good order and replace the defected tiles (at his own cost) before handing over the site	60	sft		
8	<b>MAIN ENTRANCE &amp; WINDOWS</b>				
a	MAIN DOOR GLAZING - Fixed Glass Providing and fixing single-leaf 1-1/2" thick door shutter of size 3'-6" x 7'-0" with floor spring, for entrances with Aluminum channel of 3" x 3" on all four sides made of 14 mm guage anodized (Champagne Bronze color) and with 12mm thk Acrylic Glass/ Clear Float Glass	21	SFT		
b	FIXED GLAZING - Fixed Glass Providing and fixing for entrances with Aluminum channel of 3" x 3" on all four sides made of 14 mm guage anodized (Champagne Bronze color) and with 12mm thk Acrylic Glass/Modifloat glass panels as per detail.	28	SFT		
9	<b>MISCELLANEOUS ITEMS</b>				
a	Providing of Plastic chair without armrest Off white color Neelkamal or equivalent make.	1	Nos		
b	Framing / Lamination of RBI License	0	Nos		
c	Footmat 4'x3'	0	LS		
d	Writing ledge Wooden Ledge 1'-6" X 8" X 1'-6" with glass top and wooden slots for keeping slips.	1	Nos		
e	Soft board 3'X2' - Providing and fixing soft board incl of 6mm ply base backing and 12mm thk. crock sheet which is wrapped all around with fabric in Approved Shade. The edge trims to be finished in 19mmx 6mm lipping patti with melamine finish. The rate should i	6	sft		
f	Fire Extinguisher 1kg ABC From Minimax / Safex	1	Nos		
g	Grouting of ATM Machine with Anchor Bolts	0	Nos		
	<b>TOTAL OF CARPENTRY WORKS</b>				
A	<b>ELECTRICAL WORKS</b>				

	<b>Note- All wires including Main Line, UPS Line, Cat-6 points should be drawn from the branch and no extra payment for the same shall be entertained in any ways and hence the contractor is advised to read the drawing or visit the site in advance before quoting the rates for the electrical works and the quoted rates shall be inclusive of all as mentioned above</b>				
12	LED panel light- 36 W 2' x 2' PL ( Back Lit Armstrong), Century Magic Light make with all accessories in complete.	1	Nos		
13	LED Tube Lights T5, 16W 1200mm T5 TL, Ordering Code- SSK-RA-1601-N, of Century Magic Light make with all accessories in complete.	1	Nos		
14	LED Down lights - RDL Series , 8W , Outer size (116x 36) mm of Century Magic Light make with all accessories in complete.	4	Nos		
15	63 A four pole MCB with Enclosure in the Meter Room	1	Nos		
16	Light point wiring with earth using 1.5 sq mm PVC copper Multistrand flexible wire all pulled through concealed PVC conduit with circuit wires	1	LS		
17	4 nos. 6 Amp one way switch with 4 module concealed backbox and plate for lighting (Anchor / Roma / Crabtree). This includes all the Switches for the light provided inside the ATM on Lumpsum basis and no payment per point wise will be entertained in this regards	1	Nos		
18	Power point wiring with earth using 2.5 sq mm PVC copper Multistrand flexible wire all pulled through concealed PVC conduit inclusive of 5/15 A switch, socket, back box, plate ( 2 Nos AC , 3 Nos UPS Pt for ATM machine, UPS i/p & o/p point ,Telephone and router,extra 1 nos.)	1	LS		
19	Fascia point Light point wiring with earth using 2.5 sq mm PVC copper Multistrand flexible wire all pulled through concealed PVC conduit with circuit wires	1	LS		
20	Data Point using cat - 5 cables of systemax make data cable pulled through PVC conduits and concealed along with end termination with RJ-45 I/O socket AT&T compatible with back box and plate and 5' long patch chord with both ends crimped.	2	Nos		
21	Repairing of existing earthing of ATM		Nos		
22	Provision of 8 SWG Bare copper earth wire.	0	LS		
23	Main Distribution board – 4 way TPN Single Door DB comprising of 63 A 4 pole ELMCB and incoming 1 nos., 1 nos.32 A DP MCB as outgoing for UPS, 2 nos. of 25 A SPMCB for AC units, 3 nos. 16 A SPMCB for lighting - Fascia/ Internal/ External. Schneider/Indo	1	Nos		
24	UPS Distribution board – 6 way SPN Single door DB comprising of 1 nos. 32 A DP MCB as incoming and 3 nos.16 A SPMCB as outgoing for ATM/V-Sat& routers Schneider/Indokopp make.	0	Nos		
<b>B</b>	<b>TOTAL OF ELECTRICAL WORKS</b>				
	<b>GRAND TOTAL (A + B)</b>				



..... N . H . 6 1 .....

# REVISED LAYOUT OF NEW BRANCH AS BOTSA, NAGALAND

CLIENT Description of Proposal.

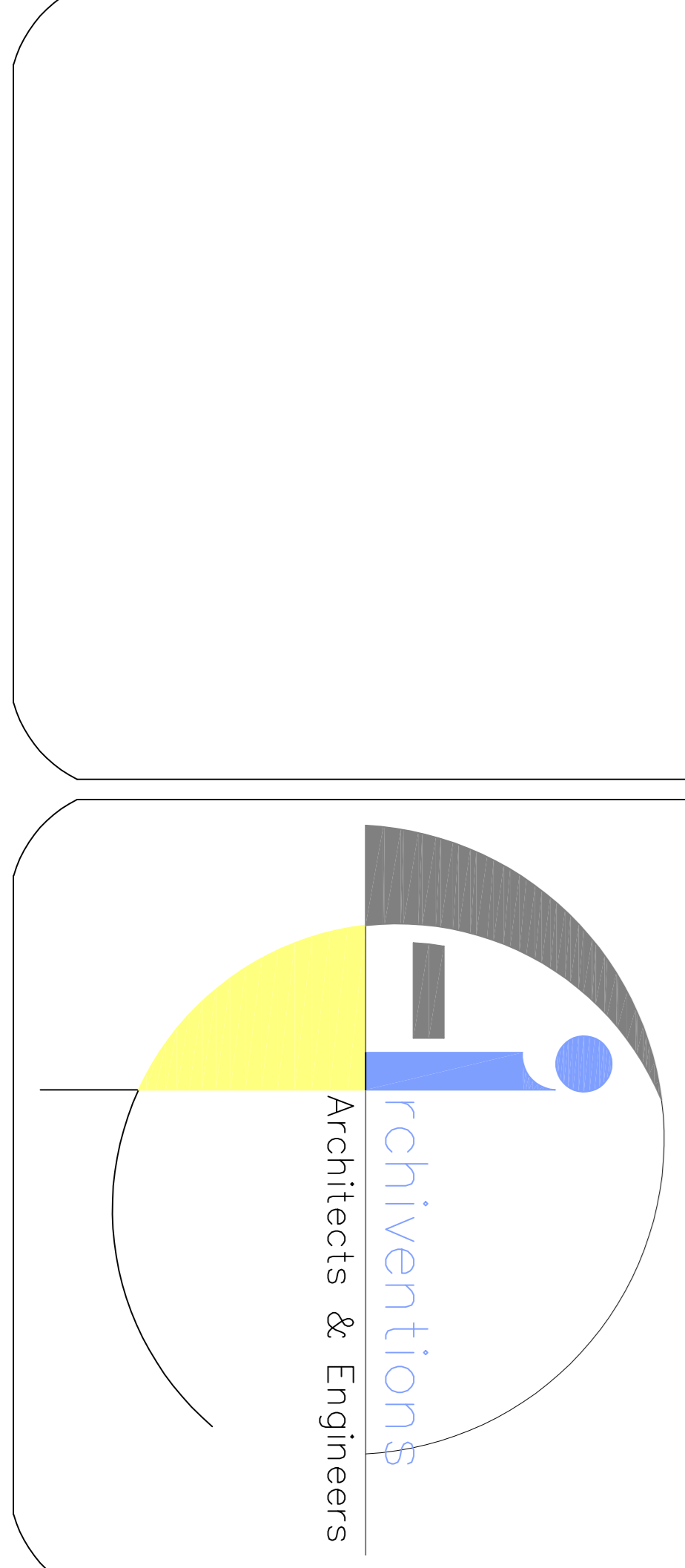
**BANK OF BARODA**  
 JORHAT REGIONAL OFFICE  
 CRYSTAL ENCLAVE, 1ST FLOOR,  
 SEUNI ALI, BARPOOL, JORHAT, ASSAM

**FLOOR PLANS**

FIRST FLOOR PLAN

JOB NO.	DATE	SCALE	DEALT BY	CHKD BY	DRG NO.
			AR. DEBOYOTI DEBROY		

**SIGN & STAMP**



**FIRM NAME & ADDRESS**

**ARCHIVENTIONS**  
 Architects , Planners & Interior Designers  
 C.O.A. Regd. No.- CA / 2004 / 32922

**ADDRESS**  
 ABOVE KALITA ENTERPRISES, 1ST FLOOR  
 BANK OF INDIA ZOO RD BRANCH BUILDING  
 JONALI, R.G. BARUAH ROAD, GUWAHATI  
 ASSAM-781024, PH-9854062928/ 0361-2970463