

CARPENTRY WORKS FOR FURNISHING OF BARPETA ROAD BRANCH WITH ATM UNDER PUNJAB & SIND BANK'S GUWAHATI ZONAL OFFICE					
SL	DESCRIPTION OF WORKS	UNIT	QNTY	RATE	AMOUNT
	CARPENTRY IN LAMINATE				
	GENERAL NOTES FOR CARPENTRY WORKS				
	1. All Plwood and Block board to be used in Carpentry works should strictly be of Century/ Green/ Duro ply/ Kitply/ Archid ply only				
	2. All Plywood/ Block Board used to be of commercial grade but of above make only				
	3. All laminates should strictly be 1.0mm thk of Century/Greenlam or Archidlam make				
	Shade of laminate- 1. Highland Pine- ARCHIDLAM-15001/18208 Or GREENLAM- 682 or CENTURY- Highland Pine, 531				
	Yellow Shade- ARCHIDLAM Yellow-11077 or GREENLAM- Yellow-229 or CENTURY- Yellow-203				
	Green Shade- ARCHIDLAM Bright Green-11036 or GREENLAM- Grass Green-250 or CENTURY- Lawn Green 284				
<b>A</b>	<b>TABLE , DESKS , DRAWERS AND STORAGES</b>				
	<b>ALL TABLES / WORK STATIONS SHOULD HAVE KEYBOARD TRAY, CPU TROLLEY(METAL), FOOT REST AND RATES SHOULD BE QUOTED ACCORDINGLY WITHOUT ANY EXTRA CLAIM</b>				
<b>i</b>	<b>WORKSTATIONS : INDIVIDUAL , MOVABLE TYPE LINEAR WORKSTATION WITH FRONT GLASS (FRONT OFFICE COUNTER) OF OVERALL LENGTH 3'-9"-5'-6" (AS PER SITE CONDITIONS)</b>	RFT	18.00		
	P/ F linear work station having a size of 4'-0"-4'-6" (AS PER SITE CONDITIONS) x 3'-6" x 2'-6" ht. in 19 mm thk. commercial Grade Block Board of approved make for table top along with 12" wide customer Top, and side supports, front apron in 19mm thk. Comm ply as per the design / drawing, including finishing the same in 1 mm thk specified laminate shade of approved make. A drawer unit of size 1'-4" x 1'-8" x 2'-5" in 19 mm comm Grade ply with three drawers as per the drawing etc complete. Rate shall be inclusive of P/F 12mm.thk. front glass 1'-6" ht. on table top for work station with edge polish with S.S."D" brackets. <b><i>(Low height partitions abutting the counters shall be paid separately.)</i></b> Keyboards to be of EBCO make only. For CPU : P/F 19 mm thk ply stand 18" x 9" to be fixed with on the verticals/ apron of the table as directed. All exposed surfaces must be finished with 1mm laminated with approved shade and all inner surfaces should be finished with 0.60mm thk balancing laminate or painted with approved shade of paint				
	<b>The item to include all necessary hardware and fittings in Stainless Steel finish, lipping to all edges and making provision only for electrical fitting behind the front. Necessary beadings with melamine polish for fixing the glass are to be provided</b>				
<b>ii</b>	<b>Cash Counter of internal size 6'-6" x 7'-6")</b>	NOS	1.00		
	Providing and fixing in position Cash Counter as per drawing comprising of the following :				
	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.				
	iii)Vertical drop box (horizontal band) of size 12" ht x 10" thickness(hollow inside) shall be provided suspended from the ceiling lvl on the facia above the working top made with 18mm thick plywood finished with 1mm thick laminate with provision for concealed light.				
	iv)1'-0" height solid partition over working top and fixed with a ledge(transaction top) of 12" wide @3'-6" from finished floor lvl and finished with laminate.The ledge should be such that it is 8" projecting outside the counter and 4" inside the counter				
	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 fascia) 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) partition provided with 12mm thick glass (itched) and Aluminium Jali partition on sides and back till 6'-6" level to provided 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.				
	viii) Boxing (12" x 10") made with 18mm thick plywood as per drawing with horizontal (Boxing) extension at the top all finished with approved shade of laminate shall be provided for the counter				
	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" X 1 1/2 " finished with french polish.				
	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.				
	xiii) Side partition with Alu Jaali/ 12 mm thk Glass or as directed by the Architect and as per design. The partition shall be solid with both side laminate till 4'-0" lvl from ground floor and then finished with Aluminium Jaali/ 12 MM thk Glass @ 3'-00" (& 1'-0" FROM GR LVL) AND THEN finished till ceiling level with solid partition with both side laminate again				
	xiii) The Cash counter top shall be fixed with aluminium jaali @ 6'-6" from FFL				
	<b>The item to include all necessary hardware and fittings in Stainless Steel finish, lipping to all edges and making provision only for electrical fitting behind the Vertical drop and also in the 12"x10" boxing as shown in the drawing. Necessary beadings with matching melamine polish for fixing the glass are to be provided as</b>				
	<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</b>				
iii	<b>Manager's Table of size 5'-3"(L) x 2'-6"(W) x 2'-6"(H) with 8mm thk clear Glass ( all edges mirror polished) on Top</b>	NOS	1.00		
	Providing and fixing Manager Table in laminate finish of size 6'-0" X 2'-6" .Providing and making a table of overall size of top as mentioned above. It shall consist of 3/4" thk plywood top as per design( double edge on outer edge with 1 1/2" THK HALF ROUND MOULDING ON THE EDGES) supported on 3/4" thk plywood verticals supported on wooden base(as designed by the architect) suitable wooden moulding as per architect's design with mellamine polish shall be provided to the edge of the top. All external surfaces to be finished with 1.0 mm thk laminate.The table should have metal keyboard tray,wire manager,and a foot rest as per drawing. A set of three drawers should be provided and fixed with the table as per design. The drawer				
iv	<b>Officer's Table 4'-6"(L) x 2'-6"(W) x 2'-6"(H)</b>	NOS	1.00		

	Providing and fixing Officer'sr Table Post formed laminate finish of size 5'-0" X 2'-6" .Providing and making a table of overall size of top as mentioned above. It shall consist of 3/4" thk plywood top as per design( double edge on outer edge with 1 1/2" THK HALF ROUND MOULDING ON THE EDGES) supported on 3/4" thk plywood verticals supported on wooden base(as designed by the architect) suitable wooden moulding as per architect's design with mellamine polish shall be provided to the edge of the top. All external surfaces to be finished with 1.0 mm thk laminate.The table should have metal keyboard tray,wire manager,and a foot rest as per drawing. A set of three drawers should be provided and fixed with the table as per design. The				
v	<b>Clerical's Table 4'-0"(W) x 2'-6"(L) x 2'-6"(H)</b>	NOS	3.00		
	Providing and fixing Officer'sr Table Post formed laminate finish of size 4'-0" X 2'-0" .Providing and making a table of overall size of top as mentioned above. It shall consist of 3/4" thk plywood top as per design( double edge on outer edge with 1 1/2" THK HALF ROUND MOULDING ON THE EDGES) supported on 3/4" thk plywood verticals supported on wooden base(as designed by the architect) suitable wooden moulding as per architect's design with mellamine polish shall be provided to the edge of the top. All external surfaces to be finished with 1.0 mm thk laminate.The table should have metal keyboard tray,wire manager,and a foot rest as per drawing. A set of three drawers should be provided and fixed with the table as per design. The				
vi	<b>MAY I HELP YOU/ SUB-STAFF TABLE- (4'-0" x 1'-8" x 2'-6")</b>	Nos	1.00		
	Providing and laying a free standing table for Security Guard/ Sub-Staff with a Pencil Drawers for over all size of top as mentioned above or as mentioned in the drawing. 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.				
vii	<b>Side Cadenza of size 1'-6"(W) x 3'-6"(L) x 2'-6" (H) (FOR MANAGER)</b>	NOS	1.00		
	Providing and fixing 2'-6" height laminate finish Manager, officers , etc. Side storage unit ( C - 8) as per drawing. 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				
ix	<b>LOW HT RUNNING STORAGE(1'-6"DX2'-6"HT) (BACK CADENZA)</b>	SFT	70.00		
	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. 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 . Note- The Height of the running stoarge should be 2'-6" and should comprise of a 6" high				
xi	<b>FULL HT. STORAGE</b>	SFT	56.00		

	Providing and fixing storage units of full height as per drwng. They shall consist of 18mm thk.comm. ply top, sides,back, bottom, shelves and shutters. The bottom of the storages shall be at 3" from FFL. The top of storages shall touch the false ceiling level or 7'-0" ht. The shutter with box type higes of approved make & steam beach lipping finished with melamine with approved laminate on all the shutter edges. Division of the shutters shall be made equally according to the length of the storages ( as approved by Bank/ architect). All the external surfaces shall be finished with 1.0mm thk. Laminate (suede finish) of approved make. 18mm thk. Comm. Ply shelves removable type supported on side steam beach wood battens on both sides at 16" interval ( approximately / divided equally) shall be provided. All inner surfaces shall be finished with laminate including the shutters. Rate shall be inclusive of all necessary approved fittings like hinges, locks, 150mm long SS brushed finish handles,tower bolts, locks and any necessary hardware items. The top ply edge				
<b>B</b>	<b>PANELLING</b>				
<b>1</b>	<b>PANELLING ON WALLS/ COLUMNS IN LAMINATE FINISH</b>	SFT	1350.00		
	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 38mm(wall thickness 2mm) @ 2'-0" c/c both ways horizontally and vertically on the wall. The framing would be covered with 18/19mm thk commercial grade plywood and finished with 1.0mm thk laminate or left naked as per the direction of the EIC/architect. Wooden moulding, lipping etc as directed by				
	Panelling should be done strictly till 4'-0" ht only with 4" Skirting in Bank's Green colour and top skirting of 2"(Yellow) 6"(Green) above door level				
<b>2</b>	<b>PANNELLING WITH LECQUERED GLASS OF APPROVED SHADE</b>	SFT	75.00		
	Providing and fixing of paneling with or without frame so as to receive a plain and even surface in exact plumb line , covered with 9mm thick commecial ply and finished with 8/9mm thick <u>TEMPERED LECQUERED GLASS in green colour of Bank's approved shade</u> of approved shade and make as per the design . Rate shall be inclusive of 100 mm high skirting of siver metal laminate as and where required and as per the direction of the Consultant Architect/ Engineer. The scope of work shall include fixing of coloured frosted film LOGO and Bank's Name and Branch on the				
<b>3</b>	<b>PANNELLING ON WALL &amp; CEILINGS WITH WPC PANNELS OF SIZE 2950MM (LENGTH)X 195MM (WIDTH) X 27MM(HEIGHT)</b>	SFT	32.00		
	Providing and fixing panelling on wall & ceilings with WPC (Wood Polymer Composite) Fluted Panels of size 2950MM (LENGTH)X 195MM (WIDTH) X 27MM(HEIGHT) of VOX/ Alutuff / Murrato or other approved make of approved shade in approved pattern as directed by the architect. Rates shall be inclusive of all hardware fittings sna fixtures as required to fix the same on the wall and ceilings				
<b>C</b>	<b>PARTITIONS</b>				
	(Note: In case of false ceiling, the vertical T.W. members to be fixed with pucca/ rcc ceiling/slab but the area of partition payable will be below the false ceiling only).				
<b>1</b>	<b>Full Height Solid Partition B/S Laminate</b>	SFT	300.00		
	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 8 mm thick plywood on both sides finished with 1 mm thick laminates of approved make and colour as shown in drawing. 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				
<b>3</b>	<b>Semi height Semi Glazed/ Solid Partition</b>	SFT	68.00		

	Providing and fixing in position Semi Height Semi Glazed/ solid Partition work as shown in the drawing in frame work at 2' x 2' grid (horizontally and vertically) with 6mm plywood on both sides finished with 1 mm thick laminates of approved shade and colour as shown in drawings.Item to include 8 mm thick glass with itching as per design and 2"x 2" T.W. member for glass sides to take 8 mm thick glass with etching and frosting. All exposed T.W. surfaces to be finished in melamine polish of matching laminate colour as directed including wood preservative paint etc. as per list of approved material and as approved by the Project Consultant/ Bank complete				
<b>4</b>	<b>FULL HEIGHT PARTLY GLAZED PARTITION FINISHED ON BOTH SIDES WITH LAMINATE OVER PLY</b>	SFT	94.00		
	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				
<b>5</b>	<b>FULLY GLAZED PARTITION WITH TOUGHENED GLASS</b>	SFT	160.00		
	Providing and fixing of Fixed Glass partition with 10mm thick toughened glass using Standard fittings of above - mentioned makes at the top and grouting at the bottom with <b>U - Shaped Aluminium rails and EPDM gaskets</b> including cutting, making holes in glass and fixing the fittings in floors, false ceiling etc. and making the same good with necessary screw, sealent wherever required. The top fittings to be fitted to the Wooden section fixed above the Gypsum board in the level of GI channels of False ceiling.Rate shall be inclusive of frosted film and bank logo to be fixed over the glass surface as per deign and as directed by the architect				
	<b>FULL HEIGHT SOLID PARTITION WITH DOOR FINISHED WITH ONE SIDE LAMINATE OVER PLY AND OTHER SIDE WITH A.C BOARD FINISHED WITH POP &amp; PAINT INCLUDING DOOR (Having Fire Rating of 3Hours for Electrical Room &amp; Store Room)</b>	SFT	80.00		
	Providing & fixing in position Partition in Aluminium frame work in 2'x 2' grid (horizontally and vertically) comprising of 50mm x 50mm x 1.8mm thk Aluminium Section covered with with 8/10 mm thick Aesbostos Sheet and finished with POP and paint on one side and the other sides to be finished with 8/9mm thk Plywood and finished with approved shade of laminate. It shall also consist of a Flush door of required size and fixed with aesbostos Sheet on one side and laminate on other sides with the same specifications as mentioned in the above line. Rates shall be inclusive of all hardware fittings and fixtures such as - hinges, handles, locks, door closer, door				
<b>D</b>	<b>DOORS</b>				
<b>a</b>	<b>SOLID DOORS- IN LAMINATE FINISH (BOTH SIDE LAMINATE)</b>				
	Providing and fixing solid doors of sizes as shown in the drawing.The door shutter shall consist of 3 nos 2" x1" C.P teak wood styles and 3 nos 3" x 1" C.P teak wood bottom, middle and top rails. The wooden framing will be covered with 1/4" thk plywood on both sides. A door frame of size 3"x1 1/2" t.w section finished with mellamine polish shall be provided. Rates shall be inclusive of approved locking system(Godrejmake- Ultra mortise dead lock), door stopper, a pair of handles, tower				
<b>i</b>	2'-6'-0"X7'-0"-IN LAMINATE FINISH (WITH 1 1/2X4" WOODEN FRAME)	NOS	2.00		
<b>b</b>	<b>PARTLY GLAZED DOOR</b>				
	Specification same as above except for 8mm thk Modi Guard clear float glass shall be provided at 4'-0" from floor lvl The door shall be finished in 1.0 mm thk laminate on both sides				
<b>i</b>	PARTLY GLAZED DOORS AT MANAGER CABIN, AND OTHER AREAS	NOS			
<b>ii</b>	2'-6" X 6'-6" TELLER COUNTER DOOR WITH NIGHT LATCH	NOS	1.00		
<b>iii</b>	4'-0" high Wicked Door as per design	NOS	1.00		
<b>c</b>	<b>ENTRANCE DOORS - WITH TOUGHENED GLASS (PATCH FITTINGS)</b>	SFT	56.00		

	Providing and fixing frameless fully glazed 12mm thk toughened float glass fixed with necessary patch fittings(Dorma make) including cutting, making holes, cutouts in the glass of required shape and size to acCommercial gradeodate fittings and fixing the fittings in floors, soffits, jams including necessary fixtures, screws, sealent wherever required and SS cover over patch fittings. Rate shall include necessary etching film / LOGO, approved patch fitting locking systems, 1 pair of 12" long S. S. (C Shape) Handles of approved make, floor springs, and any necessary hardware items.(ABOVE MENTIONED MAKES Top Pivot , Top Patch Fittings, Bottom Patch fittings , Floor Spring , Corner lock with strike plate and Euro Profile Cilinder, C Shape Handle 25mm				
<b>E</b>	<b>FALSE CEILING AND POP WORKS</b>				
<b>1</b>	<b>GYPSUM BOARD CEILING WITH POP PUNNING</b>	SFT	1020.00		
	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 122omm 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				
	<b>Note- Rates shall be inclusive of The drop/band of 6"-12" between the Gypsum-Gypsum (Higher-Lower levels) and Armstrong-Gypsum (Higher-Lower levels). 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</b>				
<b>2</b>	<b>MODULAR FALSE CEILING- ARMSTRONG make</b>	SFT	775.00		
	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 mantain all ceiling tiles in good order and				
	<b>Note- 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</b>				
<b>3</b>	<b>WALL PUTTY/ POP PUNNING (ON BANKING HALL WALLS ONLY)</b>	SFT	450.00		
	Providing and applying POP Punning 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 will be considered as a putti finish and				
<b>F</b>	<b>PAINTING</b>				
<b>1</b>	<b>PLASTIC EMULSION PAINT (ON BANKING HALL WALLS ONLY)</b>	SFT	450.00		
	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>2</b>	<b>LUSTRE PAINT IN GYPSUM FALSE CEILING</b>	SFT	775.00		

	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.				
<b>G</b>	<b>MISC. ITEMS</b>				
<b>2</b>	<b>PIN UP BOARD</b>	SFT	32.00		
	Providing and fixing Pin-Up board of sizes as mentioned in the drawing in 1/2" thk soft board of good density to be mounted over 12mm thk ply and fixed to partition/walls or at places as directed by the architect. The soft board shall be covered with valver cloth of approved shade and make (BASIC RATE RS. 200 /R.MTS.) .				
<b>3</b>	<b>SHUTTER BOXING</b>	SFT	88.00		
	Providing and Fixing Shutter Boxing with 19mm thk Marine Ply and Finished with Approved Shade of laminate> The boxing of shutter should be made opennable type for periodic maintainance. <b>Note the mode of measurement would be the multiplication of the length and the height of the boxing</b>				
<b>4</b>	<b>NOTICE BOARD</b>	SFT	12.00		
	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				
<b>5</b>	<b>SIDE/CORNER/CENTRE TABLE</b>				
	Providing and making corner/ side/ centre table of below mentioned sizes as per drawing. Table top shall consist of 12mm thk glass with champhered edge with approved quality of itching. The base shall be made up of CP TEAK WOOD frame/ 3/4" plywood or as directed by the architect. All exposed faces shall be finished with natural polish(if wood frames are used) or with 1.0mm thk laminate of approved shade for ply. All inner surfaces should be finished with natural french polish				
<b>a</b>	<b>CORNER TABLE(1'-6" X 1'-6 X 1'-6HT)</b>	NOS	1.00		
<b>b</b>	<b>CENTRE TABLE(1'-6" X 2'-6 X 1'-6HT)</b>	NOS	1.00		
<b>6</b>	<b>WRITING LEDGE (BRANCH 4'+ ATM 2'-6")</b>	RFT	6.50		
	Providing and fixing Wall Mounted Writing Ledge Of Size 4'-0" x 1'-3" x 1"(H), made out of 19mm thk Plywood of approved make and finished with 1mm Thk approved shade of laminate. <b>This ledge should have 4 nos of Pockets made along 4' length with the Supporting wall as base with 3" clear space to house withdraws/deposit etc slips. All inner surfaces of the Ledge should also be laminated.</b> A 12mm thk Clear Glass, Mirror polished on all sides of size 4'-0" x 1'-3" shall be fixed with 4 nos 1-1/2" dia and 4" High S. S Studs should be fixed on the Top portion of the ledge. <b>The Top and sides are to be panelled with CORIAN OF Approved make and shade.Please</b>				
<b>7</b>	<b>COMPLAIN BOX &amp; SUGGESTION BOX</b>	NOS	1.00		
	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				
<b>8</b>	<b>CHEQUE DROP BOX</b>	NOS	1.00		

	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.				
<b>9</b>	<b>10MM GLASS SHELVES- 250-300MM WIDE</b>	RFT	0		
	Providing and fixing 10mm thk Clear Glass Shelves, 250-300MM WIDE in mirror polished edges as per design. The Glass selves should be fixed with the help of Stainless Steel F Type Glass Shelf Bracket Square 12 Inches, with screws to walls / partitions/ pannelling, at an interval of 24-30" as per design and as directed by the				
<b>10</b>	<b>COLOURED ACRYLIC SHEET LOGO FO THE BANK, BACK LIT :-</b>				
	Supplying, fabricating and installation of Bank's Logo (customised) made of coloured acrylic sheet 5-6mm thk in box section, and as per the sizes as mentioned in the detailed drawings and as per the direction of the architect/ engineer in-charge . This Coloured Acrylic sheet box logo should be fixed with strip light fitted from inside , as per the direction of the architect.				
<b>i</b>	OVERALL SIZE 750MM X 750MM	NOS	1.00		
<b>ii</b>	OVERALL SIZE 450MM X 450MM	NOS	1.00		
	<b>GRAND TOTAL</b>				



**ELECTRICAL WORKS FOR PUNJAB & SIND BANK BARPETA ROAD BRANCH WITH ATM , AT BARPETA**

**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>63A 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.	S.I.T.C. of TPN 4 way Double Door Vertical Distribution Board with following <b>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 25A DP "C" Class MCB for input to Raw PDB- 1 Nos. (Water Dispenser, Mobile Charger & Ancillary services Load) 25A TPN "C" Class MCB for input to ACDB- 1 Nos. 16A SP "C" Class MCCB for Inverter INPUT AND OUTPUT- 2 Nos,	No.	1		
	<u>Note- Rates Shall be inclusive of S.I.T.C. of 3X35 sqmm Armoured aluminium 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>				
	<u>Note- FOR AC POINTS 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 MS conduit from Main Panel To AC points</u>				
<b>Section B</b>					
3	<b>MCB DISTRIBUTION BOARD</b>				
	Supplying, installation, testing and commissioning or 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 & T of 8 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) - <b>16A, 30 mA, SP MCB as incomer - 1 Nos,</b> <b>6A SP MCB as outgoing -8 Nos.</b>	No.	1		
	<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>S.I.T.C. Of P.D.B. [MCBDB-POWER] (Raw Power DB)</b>				
b.1.	S.I.T.C. of SPN 6 way Single door D.B. with <b>Incomer 25Amp 30mA, DP RCCB - 1 No .</b> <b>10A SP MCB- 6 Nos.</b> with all wiring connections.( Max. 2 Points to be looped on one MCB, 3 nos. in exceptional case.)	No.	1		
	<u>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</u>				
c	<b>S.I.T.C OF U.P.S. D.B. : (MCBDB-UPS)</b>				
	S.I.T.C. of 6 way Single Door SPN D.B. with <b>Incomer Double pole 30 mA 25 Amp RCCB - 1 No</b> <b>10A SP MCB- 3 Nos.</b> <b>6A SP MCB-1 Nos.</b> 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	<b>S.I.T.C. Of ACDB [MCB DB- AC]</b>				
	S.I.T.C. of 6 way Single door SPN Distribution Board with all wiring connections. Incomer : -25A TPN 30mA RCCB : - 1 No. Outgoing : - 16A SP MCB : - 3 Nos.	No.	1		
	<b>Note- 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. Medium Guage MS conduit from Main Panel To ACDB</b>				
	<b>SECTION-C</b>				
4	<b>POINT WIRING</b>				
4.1	Supply & installation or concealed point wiring using 3 x 1.5 sqmm stranded FRLS copper conductor in <b>M.S Conduit</b> including the cost of circuit wiring from the relevant DB's with 3x 1.5 sq mm stranded FRLS copper conductor in <b>M.S Conduit</b> . 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	26		
ii	Loop Points	Pts	20		
iii	Primary light points including the cost of 6A switch in UPS Power	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	3		
d	Exhaust fan/ Wall Fan point consisting of 6A socket near fan and switch on light switch board	Pts	14		
e	Wiring for Signages with 2R x2.5 Sq.mm and 1 Rx 1.5 Sq.mm, PVC insulated copper conductor flexible cable to be connected to the SPN D/D consumer along with a Timer and Contactor unit installed in Electrical Room room	Set	2		
f	S.I.T.C. of call bell with bell point .	Nos.	1		
g	Ceiling fan point consisting of 6A switch and Modular type Regulator (for ceiling fan) on light switch board	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 <b>M.S Conduit</b> including the cost of circuit wiring from the relevant DB's with 3 x 4.0 sq mm stranded FRLS copper conductor in <b>M.S Conduit</b> . 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 <b>M.S Conduit</b> and againg finishing the walls with Putty/ Cement/ POP to receive the final paint.. [SOC]	Pts	12		
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	15		
	<b>SECTION-D</b>				
5	<b>EARTHING ( 1 NO FOR RAW POWER AND 1 NO FOR UPS POWER SUPPLY)</b>				
5.1	Earthing with copper earth plate 600 mm x 600mm x 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal or coke and salt complete as required. (for panels, servo stabilizer and IT system)The rate shall be inclusive of necessary 8 SWG dia copper wire on	Each	2		

SECTION-E					
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>DOWN LIGHT [DL]</b> - Round LED recess-mounted designer panel with aluminium die cast housing , Wattage-18W, CCT- 4000 K, of Phillips, Havells, Bajaj, Wipro or equivalent as approved by the Engineer-in-charge/ Architect.	Each	27		
b	<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, Wipro or equivalent as approved by the Engineer-in-charge/ Architect.	Each	11		
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, Wipro or equivalent as approved by the Engineer-in-charge/ Architect.	Each	4		
g	<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, Wipro or equivalent as approved by the Engineer-in-charge/ Architect. [FL]	Each	2		
h	LED Strip Light with all accessories complete like adaptor etc.	MTR			
i	1200 MM CONNECT LED-Recessed narrow luminaires (20W range) with efficient optics ensuring perfectly uniform illumination, optimised and unparallel light distribution, Luminaire Type- BRTXn 20W LED 4F NW, colour- Natural White. Rates shall be inclusive of 2 nos of suspension strings of 1.5 mtrs each.	Each	8		
6.2	Supplying including fitting fixing of following star rated new 400-450 mm dia bracket/wall fan in PVC Body & PVC Blade 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	9		
6.3	<b>Supply and fixing of 10" - 12" PVC bladed exhaust fans with louvers.[EF]</b>	EACH	3		
	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</b>	EACH	1		
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.				
a	Outlets with Back Box & Single Face Plate & Termination Of LAN Cable etc. of <b>Compscope/ D'Link Make (Including One extra in BM and 1 No for CCTV)</b>	Nos	2		
7.2	Same as above but with Double Face Plate & Termination Of LAN Cable etc. of <b>Compscope/ D'Link Make</b>	Nos	10		
	Tesing, Labelling, scanning of I/O Nodes & submission of report.	Nos	22		
	S.I.T.C. of 24 port Fully loaded Jack Panels	Nos	1		
	S.I.T.C. of 3 Ft. Factory Crimped Mounting Cords Same Makes as in Item no b.	Nos	22		
	S.I.T.C. of 7Ft. Factory Crimped Mounting Cords .Same Make as Item No b.	Nos	22		
	S.I.T.C. of 12 U VALRACK/PRESIDENT etc Network Rack with proper dressing of cables	Nos	1		
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 North-West make AC power unit having 25A 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	6		
9	<b>MISCELLENOUS WORKS</b>				
9.1	4 Pole 40 Amp Manual Changeover Switch For Mains to D.G. supply switching ( If D.G. Back-up is provided). Rates shall be inclusive of complete wiring and no payment for wiring shall be entertained for this item of work	No	1		
9.2	<b>S.I.T.C of 32A DP MCB in Metallic box for UPS I./P.&amp; O./P.</b>	No	2		
<b>A</b>	<b>TOTAL OF ELECTRICAL &amp; OTHER RELATED WORKS</b>				



**AIR CONDITIONING WORKS FOR BARPETA ROAD BRANCH WITH ATM**

S.No.	Description	Unit	Qty	Rate	Amount
<b>Part A- Supply of A.C Machines</b>					
1	Split AC 1.0 TR 5 Star Split AC <b>(Including 2 Nos in ATM and 1 in BM Cabin)</b>  Supply of BEE 5 Star rated 1.5 TR Rated Capacity Hi-Wall Split Airconditioner with following: - 5 Star Bureau of Energy Efficiency Star rating (as per ratings valid in March 2024 for room air conditioners). - suitable for operation on single phase 50 Hz 220-240 Volt supply - Rust free cabinet - Wireless remote control - Hermetically sealed inverter type rotary / swing / scroll compressor with 5 year warranty suitable for R-32 refrigerant. - Auto air swing louvres. - Capable of performing Cooling, Dehumidifying, Air Circulating & Filtering. - Drain pan for collecting condensate. - Condenser unit shall be complete with compressor and air cooled condenser - fan evaporating units shall consist of a fan section with dynamically balanced centrifugal fan driven by FHP motor, multi row deep cooling coil of copper tube with aluminium fins, thermostatic expansion valve etc - Hi-Wall indoor unit. - Unit should support Inter Unit Piping Length: 15 meters or higher - Unit shall be charged with refrigerant from factory - Additional top up of refrigerant as required shall be done. <b>Make- Daikin/ L.G./ Mitsubishi</b>	Nos	3		
2	Supply of 1.5 TR BEE 5 Star rated Hi-Wall Split AC - 5 Star Bureau of Energy Efficiency Star rating (as per ratings valid in March 2024 for room air conditioners). - suitable for operation on single phase 50 Hz 220-240 Volt supply - Rust free cabinet - Wireless remote control - Hermetically sealed inverter type rotary / swing / scroll compressor with 5 year warranty suitable for R-32 refrigerant. - Auto air swing louvres. - Capable of performing Cooling, Dehumidifying, Air Circulating & Filtering. - Drain pan for collecting condensate with drain pan safety. - Condenser unit shall be complete with compressor and air cooled condenser - fan evaporating units shall consist of a fan section with dynamically balanced centrifugal fan driven by FHP motor, multi row deep cooling coil of copper tube with aluminium fins, thermostatic expansion valve etc - Indoor / Out Door unit installation height difference: 4 meters of higher - Integral Drain pump kit - Unit should support Inter Unit Piping Length of 15 meters or higher - Unit shall be charged with refrigerant from factory	Nos	3		
<b>Total of Part A (Supply of A.C Machines)</b>					
<b>Part B- Installation &amp; Commissioning of the A.C Units with Accessories</b>					
1	Installation and commissioning of 1.0/1.5/2.0 TR Hi-Wall Split Airconditioner units supplied as above, using brackets, fasteners, any accessories as required, to the correct alignment ensuring proper flow of condensate water and proper cooling	Nos	6		
2	Supply and Installation of wall / floor mounted outdoor stand for 1.0/1.5/2.0 TR Hi-Wall Split Airconditioner, complete with anchor / dash fasteners and anti vibration rubber pad	Nos	4		
3	Supply and laying of copper refrigerant piping (liquid and gas) of size as per manufacturers specifications with foiled nitrile rubber insulation complete with all accessories such as bends, elbows, unions, etc., brazing/soldering, clamping/binding with suitable tie knots, providing insulation etc. including end connections with flare nut / brazing as per manufacturers specifications and suspension of piping from ceiling using hangers for 1.0/1.5/2.0 Tr Split Airconditioner <b>(Material supplied in standard installation kit including 5 Metre</b>	RM	12		
4	Supply and laying of interconnecting cable between indoor and outdoor unit for Hi-Wall Split Airconditioner as per manufacturer's recommendations. <b>((Material supplied in standard installation kit including 5 Metre Drain Pipe &amp; Copper Pipe shall be excluded from the measurement)</b>	RM	12		
5	S.I.T.C. of 19/25 mm. PVC conduit pipe to be used as a drain water pipe. Through holes as made above.	RM	20		
6	Providing and fixing of lockable caging for outdoor unit grouted on wall or on roof with open able shutter made of 10 x 10mm MS square bars placed vertically @ 5" c/c welded with 40x 3mm MS flat all-round. Item includes all necessary hardware, priming coat, two or more coat of synthetic enamel paint, hanger, clamps, lock other accessories etc. All complete as per approval and instructions of the Architect /				
	For 1.0/1.5/ 2.0 TR HI WALL split / Cassette units	Nos	6		
7	S.I.T.C. of suitable voltage stabilizers for For all Split A.C. and 2 Tr Cassette A.C	Nos	6		
<b>Total of Part B- Installation &amp; Commissioning of the A.C Units with Accessories</b>					
<b>GRAND TOTAL (A+B)</b>					



**ESTIMATE FOR ONSITE ATM AT BARPETA ROAD BRANCH**

S.N	DESCRIPTION	Unit	Qty	Rate	Amount
	<b>CARPENTRY WORKS</b>				
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	SFT	109		
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 for ac ventillation	LS	1		
3	Dust bin - PVC Type	LS	1		
7	<b>MODULAR FALSE CEILING - ARMSTRONG METAL MODULAR CEILING / equivalent</b>	SFT			
	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	SFT	109		
8	<b>ENTRANCE DOORS- WITH COLOURED ANNODISED ALLUMINIUM SECTIONS (HEAVY DUTY-14 GAUGE)</b>				
a	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 films as 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	SFT	21		
b	<b>ALUMINIUM HEAVY DUTY FRONT GLAZING</b> - 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)	SFT	33		
9	<b>MISCELLANEOUS ITEMS</b>				
d	Writing ledge Wooden Ledge 1'-6" X 8" X 1'-6" with glass top and wooden slots for keeping slips.	Nos	1		
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	SFT	6		
	<b>TOTAL OF ONSITE ATM WORKS</b>				
	<b>RUPEES: SEVENTY ONE THOUSAND NINE HUNDRED ONLY</b>				

