

AXIS

ARCHIECTURE ENGINEERING INTERIOR DESIGN
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PROPOSED INTERIOR WORK OF ARAMBAGH BRANCH , INDIAN BANK UNDER ZONAL OFFICE-CHINSURAH		
ABSTRACT OF ESTIMATED AMOUNT		
SL.	PARTICULARS	AMOUNT
I	SCHEDULE OF QUANTITES FOR FURNISHING AND ELECTRICAL WIRING WORKS	
II	SCHEDULE OF QUANTITES FOR LOOSE FURNITURES & LIGHT FAN FIXTURES	
GRAND TOTAL		
PLUS 18% GST AS APPLICABLE		

FOR AXIS

BUDGETARY ESTIMATION OF FURNITURE & FIXTURE JOB FOR ARAMBAGH BRANCH

SR.NO.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	SIDE / BACK/ OVER HEAD CABINET				
	1' 6" deep x 2' 6" ht.				
	Providing and fixing of low height storages (height till 2'-6") made out of 19 mm thick Marine grade ply finished with 1 mm thick laminate outside and 0.8 mm thick laminate from inside. All the intermediate shelves shall be 12 mm thick Marine grade plywood. The shutter shall be of Marine grade blockboards of sliding types fixed with sliding channels. The vertical divisions of the storages shall be as per instruction/ drawings. Free edges shall be lipped and polished with prescribed colour shade of polish. The rates shall include slidinghandles, sliding channels and locks etc. or Godrej make modular storage	130.00	Sq.ft		
2	COUNTERS AND DESKS				
i	(COUNTERS) Providing and Fixing COMPUTER COUNTERS made out of 19 mm thick bwp grade board of approved brands as listed in the specifications, and as per the attached drawing, all complete with 1.0 mm thick laminate on all visible surface, tabletops, customer top, etc, and all drawers etc. to be painted with 1 coat of primer and 2 coats of 1st quality enamel paint). 12 mm thick glass, MODIGUARD / AIS , branded, to be used on top of the COMPUTER COUNTER. Keyboard Tray to be provided on Special Keyboard Slides, and wristrest to be given. Drawer Slides to be used for all drawers. All locks to be of Godrej. All drawers, cabinets, Keyboard, etc. to be lockable. Footrest to be provided.The Front of the Computer Counter shall have decorative finishing in ply and laminate as shown in the drawing attached. 12mm thick glass as a screen shall be provided in front, with a 3" gap from the counter top. Height of Glass: 12". Glass to be inserted in polished teakwood members, size 2" x 2", appropriately finished				
ii	3" high skirting box with walnut wood skirting, melamine polish finished				
iii	BM workstations in laminate finish with side storage and back storage (size of storage 7'-0" X 2'-6" in height or as per the drawing) BM Table size 6'x3' Or as per availability of space. The table shall be postformed	1.00	Nos.		
iv	Runing table for IT department	-	Rft		
v	P/f Officers / Assistant Manager interactive workstations in laminate finish of Table size as per the Drawings. Table shall be postformed	4.00	Nos.		
vi	Senior officer table with interactive workstations in laminate finish. as per the drawings	2.00	Nos.		
vii	CASH COUNTER				
	CASH COUNTER (MODULAR TYPE) Making 5'-0" x 2'-6" table top with 19 mm plywood support, 1 mm thk laminate finish of approved shade, cabinet, drawers, keyboard tray, CPU trolley, complete with all type of hardwares, Teak wood moulding bead as per design & Rate includes Making all side partitions (upto 6' ht.), door, front facia & front glass (12 mm thick toughened) window over table top with s/s 'D' bracket as per drawing & bank's specification or as directed.	2.00	Nos		
3	LOOSE FURNITURE				
A	GENERAL BANKING				
i	Cheque Deposit Box / Suggestion box	1.00	Nos.		
ii	Brochure racks (2' 0" x 16") with acrylic box for brochures.	1.00	Nos.		
iii	WRITING LEDGE Finish. (size – 5" x 5" x 5' 0" MIN.)	1.00	Nos.		
B	MISCELLANEOUS				
i	Notice Board/ Soft Board/Pinup Board	30.00	Sq.ft		
ii	Sand witch poster frames of size 2'0"X3'0"	-	Nos		
iii	CPU Trolley	8.00	Nos		
4	SUPPLY FIXING & CONNECTION				
	LIGHT FITTINGS / FANS :				
a	Recess mounted 40 watt LED PHILIPS/ HAVELS MAKE FITTING 2'-0"X2'-0"	17	Nos.		
b	PHILIPS/ HAVELS make 1x40 watt Tubelight fittingswith truelite with both end cap white	8	Nos.		
c	Recess mounted 18 watt LED PHILIPS/ HAVELS MAKE down lighter.	18	Nos		
d	225 mm dia heavey duty Exhust fan 230 volt A.C. (EPC / PHILIPS make).	2	Nos		

e	Wall mountaing fan 400 mm dia 230 volt A.C. Metal Body	13	Nos.		
f	48" CEILING FAN WHITE COLOUR (ORIENT/PHILIPS/HAVELS)	4	Nos.		
g	PHILIPS/ HAVELS make 2x40 watt TL fittingswith truelite with both INDUSTRIAL TYPE FIXED DIRECT ON TRUE CEILING.	2	Nos		
h	PHILIPS/ HAVELS make 1x40 watt 2' lenth tubelight fittingswith truelite with both end cap white for cash counter	4	Nos.		
	TOTAL				

BUDGETARY ESTIMATION OF FURNISHING JOB FOR ARAMBAGH BRANCH					
SR.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
I	POP & FALSE CEILING WORKS				
A	False Ceiling				
	Gypsum board Ceiling - 12.5mm th. single layer gypsum board fixed on suspended main G.I.channels 60 mmx 36 mm and secondary grid made of 45 mmX 18 mm all as per manufacturers' specifications, including jointing, finishing with gypsum compound, jointing tape and top coat. The surface shall be duly sanded and finished. Rate shall include making all the necessary cutouts for lights, grills,diffusers etc. The rate shall also include providing perimeter channel for grills, lights, diffusers as called for in HVAC and Electrical Drawings.The rate shall also include providing for edge/ angle bits at all corners,drop, necessary taping, filling with jointing compound as per manufacturers specifications. The rate shall be exclusive of trap door which shall be paid for separately. Cost to be quoted Including painting.	625.00	Sq.ft		
B	GRID CEILING				
	Providing and fixing of false ceilings at all heights of 600 mm x 600 mm x 16 mm ARMSTRONG Mineral Fibre ceiling tiles of type Prima Dune Premier-Beveled Tegular Edge RH-99 laid on Armstrong 15mm exposed grid system. The framework comprise of main runner spaced at 1200mm centers securely fixed to the structural soffit by approved hangers at 1200mm maximum centers. Hangers (GI wire of 4.0mm dia) to be fixed by approved roof plug, level adjusters and screws etc. The last hanger at the end of each main runner should not be greater than 450mm from the adjacent wall. Flush fitting 1200mm long cross tees (with double stitching) to be interlocked between main runners at 600mm centers to form 1200 x 600mm modules. Cut cross tees longer than 600mm to be supported independently. 600mm x 600mm modules to be formed by fitting 600mm long flush fitting cross tees centrally between the 1200m cross tee.	415.00	Sq.ft		
II	CARPENTRY AND INTERIOR WORKS				
1	PARTITION WORKS				
α+A1	SOLID PARTITIONS (upto 8'6"-9'0")				
i	SOLID PARTITION - LAMINATED: Providing and fixing of full height solid partition made of salwood framework of size 50mm x 50mm fixed @450mm c/c bothways and covered with (6mm thk) BWR Grade Marine ply of (Greenply or Century Ply) make and finished with 1.0mm thk laminate of approved shade on both sides. 3" wide skirting to be shown in the laminate by way of 1mm wide groove.	90.00	Sq.ft		
ii	SOLID PARTITION UPTO CEILING HT - LAMINATED/PAINTED: Same as item 1.a -(i) above but partition framework to be covered with one side plywood of (6mm thk) BWR Grade Marine ply of (/Greenply or Century Ply finished with 1.0mm thick laminate on one side and other side with 3 coats of luster paint of approved shade. 3" wide plywood skirting finished with laminate to be provided on the side of partition. Wooden framework of size 50mm x 50mm fixed @450mm c/c bothways	230.00	Sq.ft		
b	GLAZED PARTITIONS				
i	FULLY /SEMI GLAZED PARTITIONS: Providing & fixing of fully glazed partitions by using the wooden frame work and ply comprising of A) The glazed portion out of 10mm thk glass fixed with internal framing and beading as per design. B) 6mm thk) BWR Grade Marine ply of (Greenply or Century Ply make) on both sides of frame + Laminate as per drawings.Glass of asahi/saint gobin / modi gaurd make. Wooden framework of size 50mm x 50mm fixed @450mm c/c bothways	65.00	Sq.ft		
ii	MAIN FIXED GLAZING: P/F of full height glazed partition for front glazing at Main Entrance made with 12mm Toughen Glass with white paint design with necessary additional supports as directed. Fitting should be with "patch fitting".	40.00	Sq.ft		
iii	SEMI-GLAZED PARTITIONS: Providing & fixing of semi glazed partitions upto 8'-6" ht .the partitions is made by using the Wooden frame work and ply comprising of A) (6mm thk) BWR Grade Marine ply of (Greenply or Century Ply make)on both sides of partition as per drawings. Wooden framework of size 50mm x 50mm fixed @450mm c/c bothways. B)The glazed portion out of 10mm thk glass fixed with internal framing and beading as per design Glass of asahi/saint gobin / modi gaurd make.	205.00	Sq.ft		
iv	UP TO 4'-0" HT.(12 mm toughened Glass)	126.00	Sq.ft		
v	UP TO 5'-0" HT. (12 mm toughened Glass)	20.00	Sq.ft		
2	PANELLING WORKS				

a	ONLY PANELLING WITHOUT FRAME: P/f paneling without wooden framework but 9mm thick plywood BWR Grade Marine ply of (Alishan/Greenply or Century Ply fixed on leveled wall and finished with 1.00mm thk. laminate of approved make and shade, on all exposed surfaces on all exposed surfaces as per details and design.	30.00	Sq.ft		
b	PANELLING: P/F paneling with wooden framework of size 50mm x 50mm with 450mm c/c made out of salwood treated with antitermite solution. 9mm thick plywood BWR Grade Marine ply of (Alishan/Greenply or Century Ply fixed on frame and finished with 1.00mm thk laminate having 3" wide skirting with 1mm thk groove between skirting and partition and 1mm groove between vertical laminates as per design.	75.00	Sq.ft		
3 DOORS					
i	P/f main entrance single leaf glass door for BRANCH/ATM ENTRY with 12mm thick Toughened glass . The beading to be polished matching the laminate shade. Rate to include cost of heavy duty floor spring (Everite / Hemco / Haldin / Hyper or equivalent of capacity 120 kg), SS handle of size 450mm, ball bearing hinges, mortise concealed dead lock, door stopper and all required hardware complete as directed.	1.00	Nos.		
ii	Glass Door - BM Cabin				
	P/f Two side frame Cabin door fixed on floor spring finished in laminate from both sides with 10mm thk glass and frosted film on it. Door size 900mm x 2100mm	1.00	Nos.		
iii	Solid doors (with or without vision panel) For UPS, Service Area, Store, Pantry & Toilet Entrance Door				
	Providing & fixing Solid Flush Door of 38mm thickness in laminate finish on both sides With Vision Panel of size 300mm x 300mm made of 6mm thk glass. Door to be mounted on hinges and to be provided including Handles & necessary hardware fittings. the sizes of the doors to be considered as under:				
	i. IT Room Door : 975mm x 2100mm	-	Nos.		
	ii. Service Area door : 900mm x 2100mm	1.00	Nos.		
	iii. Store Room Door : 900mm x 2100mm	1.00	Nos.		
	iv. UPS Room Door : 825mm x 2100mm	-	Nos.		
	v. Toilet entry Door : 825mm x 2100mm	1.00	Nos.		
	vi. CRM Entry Door : 975mm x 2100mm	-	Nos.		
	vii. Wicket Gate	1.00	Nos.		
	viii. cash entry door:	2.00	Nos.		
4 DOOR FRAMES					
i	Providing and fixing including necessary civil work door frames made out of CP teak wood section of size 100mm x 75mm including providing 3 nos. Alishan hold fasts, applying black jaipan paint on the surface of the frame touching the edge of the wall. The frames to be finished with 1.0 mm thick laminate of approved shade.				
	i. Toilet door frame: as per door size				
	iii. Pantry door : as per door size mentioned in item no. 4(iv-iv) above				
ii	Providing and fixing architraves made out of rubber wood sections over door frames and finished with approved shade of melamine polish.	-	Nos.		
ELECTRICAL WORKS					
DESCRIPTION		QTY.	UNIT	RATE	AMOUNT
PARTICULARS					
1	Supply, laying, connection & testing of light, fan point, wiring by 2x1.5mmsq(2x3/.029) + 1x1mmsq PVC insulated copper flexible wire maintaining the colour code as per direction in PVC conduit of 20mm with ISI mark 1.5mm thickness to conceal in wall partition mending good the damage, complete with PVC circular box, bend to be done as per drawing including 3 point ceiling rows wherever required GI saddle to be used for fixing, metal flexible/PVC flexible pipe may use if required in partition wall. All PVC pipes should be with ISI mark. No joints will be allowed inside pipe, light, fan & plug point complete with modular type switch plate & MS box .				
a	Lighting point complete with modular type switch, plate, M.S. conceal box.				

	Point - 1 Light point control by 01 switch.	20	Nos		
	Point - 2 Light point control by 01 switch.	10	Nos		
	Point - 3 Light point control by 01 switch.		Nos.		
	Point - 4 Light point control by 01 switch.		No.		
b	Exhaust fan point same as item No. 1 complete with modular type switch plate & MS conceal box & 3 pin ceiling rose.	2	Nos		
c	Wall bracket fan point as above complete with modular type switch, plate & M.S. conceal box. Including one 2pin plug socket, front plate & conceal box at fan end.	13	Nos		
d	48" dia ceiling fan point as above complete with modular type switch, plate & M.S. conceal box. Including one 2pin plug socket, front plate & conceal box at fan end.	4	Nos		
e	Call bell point same as above complete with modular type push switch, plate & M.S. conceal box with buzzer type bell.	1	No.		
2	Supply Laying of Circuit line 2x2.5mmsq + 1x1mmsq PVC insulated copper wire from MCB DB (LDB) to lighting SB & Raw power plug point (6Amps) rest are same as item no. 1. 3 light board or 6 amps plug connected from one circuite.	210	Mts		
a	Supply Fixing & connection of modular type 6 amps Plug switch complete with Ms box Socket to fixed above table. 03 nos plug can be connected from 01 circuite	7	No.		
b	Same as above but 16 Amps 6pin socket with 16amps switch for raw power point. (01 Nos plug connected from one circuite.)	6	No.		
3	UPS WIRING :				
a	Supply fixing & connection of UPS circuite line with 2x2.5+1x1.5mmsq through rigid PVC conduite 20mmdia 1.6 mm wall tickness, with ISI mark, to lay from UPS MCB DB to plug point board. rest same as item no. 1 Two nos point to be connected from One circuite .	210	Mts		
b	Supply fixing & connection of UPS circuite line with 16 sqmm (approved make) wire to be connected from main to UPS for use UPS charging purpose only. Connection must through with MCB .	40	Mts		
c	Supply fixing of 2x6Amps 5 pin socket + 1x16 Amps 6 pin socket in single board (under table) + 1x16 A switch in another board above table as per direction.	12	Set		
d	Same as above but 3x6/16, 6pin socket with switch to provide near HUB rack, are to be connected from UPS power.	2	Set		
e	Supply laying & connection of UPS incomming power line with 2x6mmsq + 1x2.5 PVC insulated copper wire rest same as item no. 1 from PDB to UPS incomming power switch. including 1 nos outgoing line.	48	mtr		
f	Supply installation of UPS incomming 63Amps DP MCB with original housing of Legrand make.	2	no		
g	Supply installation and termination of UPS outgoing power distribution system with 10+2Way SPN DB comprising 8x10Amps SP MCB & 40 Amps DP MCB as main	2	no		
4	LAYING OF CABLE :				
a	Supply laying fixing main power with 35 mm sq 3.5 core PVC insulated, PVC sheated Alu. Conductor, 1100 v. grade armoured cable complete with 02 nos 8 SWG bear GI. wire as running earth.	42	Mts.		
b	End termination of 50 mmsq 3.5 Core armoured cable, complete with brass cable gland , Alu. Lug, PVC tape.	5	End		
5	MAIN ELECTRICAL Cubical type panel.				
a	MAIN VTPN DB				
	Supplying, installing, testing & commissioning				
	of 24 Slots, Vertical busbar, MCB type Power Distribution				
	Board (MAIN VTPN DB), flush mounted on wall, sheet				
	metal fabricated , powder coated, having				
	dust-proof and vermin proof , and hinged door				

	with all internals such as DIN rails, neutral-link, interconnected wiring complete with earthing lugs housing following switchgears.				
	1 no., 125A, 4P MCCB as incomer				
	1 no., 125A, 4P RCCB as incomer				
	4 no., 63/40A, TP MCB				
	8 no.,40/32/25 A SP MCB				
	6 nos, 20/16A, SP, MCB outgoing	1.00	SET		
b	125 amps 4P CHANGE OVERSWITCH ON LOAD TYPE in sheet steel enclosure complete with all mounting accessories before lighting DB with necessary cable jointing adaptor box	1.00	No		
c	32/25A roll socket complete with 32/25/16/10 amps DPMCB with 3 pin metal clad socket - waterproof tight (IP 65) for wall unit split AC machine	-	Nos		
d	40A/32A DP MCB in sheet steel enclosure complete with all mounting accessories for UPS & others	2.00	Nos		
e	Providing and Supplying 40 A TP MCB as a master Switch to switch off all the LDB Loads,located at the Entrance of the Branch.	1.00	Nos.		
	6 DISTRIBUTION BOARDS				
	Supply, installation, testing & commissioning of Distribution Boards surface / flush mounted with Double door containing MCB/ELMCB as incomer and SPMCB as outgoing. All MCBs are of 10KA breaking capacity and ELMCBs/RCCB should be of 30mA/100 MA sensivity. The DB shall have appropriate no. of top and bottom knock outs for outgoing circuits and shall be complete with necessary busbars, interconnection terminals and earth studs. All terminations in DB shall be complete with ferruling, dressing and all circuits shall be properly labeled with PVC strip (sticker type) having identification as per the final approval of				
a	Lighting & power Distribution Board - 12 way TPN DB Incomer40A 4P MCB C TYPE+elcb30mA Outgoings :6/10 SP MCB, 'C' Type - 36 Nos	1.00	No		
b	Power Distribution Board (ATM ROOM) 4 way TPN DB Incomer:40A 4PMCB+ ELCB 100 ma Outgoings : 32 A SP MCB - 2 Nos ; 16/20 SP MCB, 'C' Type - 4 Nos	1.00	No		
c	UPS Power Distribution Board -(FOR 3KVA UPS) 12 way SPN DB Incomer:40A DP MCB, 'D' Type Outgoings :16/10 SP MCB, 'D' Type – 10Nos	1.00	No		
d	UPS Power Distribution Board - UPS DB-2KVA-ATM) 6 way SPN DB Incomer20A DP MCB, 'D' Type Outgoings :16/20 SP MCB, 'D' Type - 4 Nos	1.00	No		
	7 EARTHING STATION :				
a	Earthing installation as per I.E. rule conforming to IS 3043-1987 or its latest amendent by making earth station with 600x600x3mm (mini-mun) thick copper plate electrode to be installed such that is top edge shall be at a minimum depth of 3.3mts below ground level after preparation of ground with charcoal, sand ,& salt, connecting the 25x3mm thick copper lead in strip (upto 10 mts length) by bolting and brazing to the copper plate complete with Brass bolt of suitable length double nuts & washer including supply & fixing of 50mm dia 2.3Mts long partly perforated G.I. Pipe with funnel for watering arragment. N.B :- The Copper plate to be buried under 3.3Mts depth from ground level, including C.I. Pit 300x300mm with necessary brick	2	Set		
b	wall (For UPS earthing). SpikeEarthing with G.I. Electode 3mts. Longx50 mm dia (Class - B) including accessories and				

	providing masonry enclosure with cover 300x300mm plate having locking arrangement and watering funnel Etc. with charcoal, sand & salt at alternate layer as required for electrical panel earthing.	2	No.		
c	(For main electrical panel earthing.)	22	Mts		
d	Supply laying 1x8SWG copper bear wire from earth spike to main panel.(Electrolite wire) Do but with 1x16mmsq insulated copper wire from earth spike to UPS earth bus bar through PVC regid 20mmdia ISI mark.	22	Mts		
8	A/C. electrification :-				
a	Supply laying & connection of A/C. line for 1.5 /1TR A/C. window / splite with 2x4 + 1x2.5 mmsq through Regid PVC conduite rest same item no 1.	210	Mts		
b	S/Fixing AC Box as per company specification with 25 Amp SPMCB with 25AMP Socket	6	Nos		
9	Out door type glow sgn board wiring :-				
a	Supply laying of main line with 2x2.5 +1x1.5 mmsq through MS conduite from main panel to glow sign board.	22	Mts		
b	Supply installation of 16 amps DP MCB at main entrance Glow sign board WITH TIMMER MDS MAKE	1	Set		
c	Supply fixing of 100Amps TPN HRC type SFU at SEB for main incomming on MS angle. frame & 02 nos Cable end box including connection.	1	No.		
10	Gen set wiring/ Inverter Wiring :-				
a	Supply laying fixing main power with 3.5 core 50Sq.mm PVC insulated,PVC sheathed Alu. Conductor, 1100 v. grade armoured cable complete with 02 nos 8 SWG bear Gl.wire as running earth.	65	Mts		
b	End termination of 3.5 core 50 Sq.mm armoured cable,complete with brass cable gland , Alu. Lug, PVC tape.	9	End		
	TOTAL				