

BUDGETARY ESTIMATION OF FURNISHING JOB FOR BORHAL BRANCH & ATM					
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.	580.00	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.	296.00	Sq.ft		
II	CARPENTRY AND INTERIOR WORKS				
1	PARTITION WORKS				
a	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 , Century Ply Or Archid) 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.	160.00	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	190.00	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) (9mm 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".	45.00	Sq.ft		
iii	SEMI-GLAZED PARTITIONS: Providing & fixing of semi glazed partitions upto 7'-0" ht .the partitions is made by using the Wooden frame work and ply comprising of A) (9mm 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)	110.00	Sq.ft		
v	UP TO 5'-0" HT. (12 mm toughened Glass)	-	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.	70.00	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.	100.00	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.	2.00	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.		
iv	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	1.00	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	-	Nos.		
	vi. CRM Entry Door : 975mm x 2100mm	-	Nos.		
	vii. Conference hall entry door: 975mmx2100mm	-	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 flexiable wire maintating the colour code as per direction in PVC conduite 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 drawaing including 3 point ceiling rows wherever required GI saddle to be used for fixing, metal flexiable/PVC flexiable pipe may use if requied 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.	14	Nos		
	Point - 2 Light point control by 01 switch.	11	Nos		
	Point - 3 Light point control by 01 switch.		Nos.		
	Point - 4 Light point control by 01 switch.		No.		
b)	Exhust fan point same as item No. 1complete with modualr 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.	10	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.	3	Nos		
e)	Call bell point same as as bove complete with modular type push switch,plate & M.S. conceal box with buzzer type bell.	1	No.		
2	Supply Laying of Circuit line2x2.5mmsq +1x1mmsq PVC insulated copper wire form 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.	198	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	6	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 regid 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 .	195	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)	Suppy 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 linewith 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.	45	mtr		
f)	Supply installation of UPS incomming 63Amps DP MCB with orginal housing of Legrand make.	2	no		
g)	Supply installation and termination of UPS outgoing power distribution system with 10+2Way SPN DB comprising8x10Amps 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	EARTHING STATION :			
	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	4	Set	
	b) wall (For UPS earthing).			
	Spike Earthing 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 panal earthing.	4	No.	
	c) (For main electrical panel earthing.)	18	Mts	
	d) Supply laying 1x8SWG copper bear wire from earth spike to main panal.(Electrolite wire) Do but with 1x16mmsq insulated copper wire from earth spike to UPS earth bus bar through PVC regid 20mmdia ISI mark.	18	Mts	
6	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.	198	Mts	
	b) S/Fixing AC Box as per company specification with 25 Amp SPMCB with 25AMP Socket	5	Nos	
7	Out door type glow sgn board wiring :-			
	a) Supply laying of main line with 2x2.5 +1x1.5 mmsq through MS conduite from main panal to glow sign board.	16	Mts	
	b) Supply installation of 16 amps DP MCB at main entrance Glow sign board WITH TIMMER MDS MAKE	1	Set	
8	Supply fixing of 100Amps TPN HRC type SFU at SEB for main incomming on MS angle. frame & 02 nos Cable end box including	1	No.	

	connection.				
9	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.	30	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				