

PROPOSED INTERIOR, ELECTRICAL AND DATA CABLING WORKS OF BRANCH & ATM FOR INDIAN BANK AT VANAGARAM BRANCH - NEW ALTERNATIVE PREMISES.					
SCHEDULE OF QUANTITIES FOR INTERIOR, ELECTRICAL AND DATA CABLING WORKS					
S.NO	DESCRIPTION OF WORKS	UNITS	QTY	RATE	AMOUNT
<b>GRAND SUMMARY FOR INTERIOR, ELECTRICAL AND DATA CABLING WORKS OF BRANCH &amp; ATM</b>					
I	SUB TOTAL VALUE OF INTERIOR WORKS FOR BRANCH EXCLUDING GST			Rs.	
II	SUB TOTAL VALUE OF WORKS UNDER SFVM FOR BRANCH EXCLUDING GST			Rs.	
III	SUB TOTAL VALUE OF INTERIOR WORKS FOR ATM EXCLUDING GST			Rs.	
IV	SUB TOTAL VALUE OF ELECTRICAL WORKS FOR ATM EXCLUDING GST			Rs.	
	TOTAL VALUE OF ALL WORKS EXCLUDING GST (Excluding chairs)			Rs.	
(RUPEES.....)					

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S.NO	DESCRIPTION OF WORKS	UNITS	QTY	RATE	AMOUNT
<b>I SCHEDULE OF QUANTITIES OF INTERIOR WORKS FOR BRANCH</b>					
<b>A PARTITION WORKS</b>					
1	<p>Providing and fixing double skin full height partitions of upto 3050 mm or near about height using 48x48x1.2mm thick unanodized aluminium frames in both directions along with 6mm thick commercial plywood lined on both sides and lining with 1mm thk. lamination of approved shade and texture along with grooves. Adequate support frames to the ceiling / beams shall be provided at intervals.</p> <p>The rate shall include the cost of providing and inserting good quality sal wood frames of adequate size into the aluminium frames wherever the doors are located and covering the jamb of the aluminium frames with 6mm thick commercial plywood and fixing steam beach wood reaper of size 30x12mm thk around the opening as rebate along with providing and fixing 30mm thick factory made flush shutter fixed with 3 numbers of 100mm long SS ball bearing hinges lined with 1mm thk. lamination on both sides to match with the adjoining partition.</p> <p>The rate shall include the cost of providing skirting of 100mm wide lined with 1mm thk laminate and providing &amp; fixing a border at top of 100mm wide lined with 1mm thk laminate as shown in drawings including painting the reaper with putty and 2 coats of matching enamel paint over a coat of prime and putty complete. Only the exposed partition area will be measured for payment.</p>	Sqm	41.00		
2	<p>Providing and fixing double skin partly glazed partitions of upto 3050 mm or near about height using 48x48x1.2mm thick unanodized aluminium frames in both directions along with 6mm thick commercial plywood lined on both sides and lining with 1mm thk. lamination of approved shade and texture along with grooves. Adequate support frames to the ceiling / beams shall be provided at intervals.</p> <p>The rate shall include the cost of providing and inserting good quality sal wood frames of adequate size into the aluminium frames wherever the doors are located and covering the jamb of the aluminium frames with 6mm thick commercial plywood and fixing steam beach wood reaper of size 30x12mm thk around the opening as rebate along with providing and fixing 30mm thick factory made flush shutter with cutouts made for the 6 mm thick glass leaving 150mm on all sides and lined with 1mm thk. lamination on both sides to match with the adjoining partition.</p> <p>The flush shutter fixed with 3 numbers of 100mm long SS ball bearing hinges lined with 1mm thk. lamination on both sides to match with the adjoining partition. The rate shall include the cost of providing skirting of 100mm wide lined with 1mm thk laminate and providing &amp; fixing a border at top of 100mm wide lined with 1mm thk laminate as shown in drawings including painting the reaper with putty and 2 coats of matching enamel paint over a coat of prime and putty complete. Only the exposed partition area will be measured for payment.</p> <p>The rate shall also include the cost of providing and fixing single piece 6mm thk. clear float glass from sill and lintel level including fixing 12mm thk. TW beading finished and polished to melamine matte finish tinted to approved colour and shade. The partition shall be rigidly fixed to the ceiling with adequate frame supports above false ceiling which will not be considered for payment.</p>	Sqm	18.00		
3	<p>Providing and fixing <b>single skin partitions above false ceiling</b> (where false ceiling is provided only on one side) for a height of upto 600 mm or near about using 48x48x1.2mm thick aluminium frames along with 6mm thick commercial plywood lined on only one side and lining with 1mm thk. lamination of approved shade and texture along with grooves.</p>	Sqm	4.00		

S.NO	DESCRIPTION OF WORKS	UNITS	QTY	RATE	AMOUNT
4	Providing and fixing double skin low height partitions of upto 1220 mm or near about height using 48x48x1.2mm thick aluminium frames in both directions along with 6mm thick commercial plywood lined on both sides and lining with 1mm thk. lamination of approved shade and texture along with grooves. The rate shall include the cost of providing skirting of 100mm wide lined with 1mm thk laminate and providing & fixing a border at top of 100mm wide lined with 1mm thk laminate complete. The rate shall also include the cost of providing and fixing teak wood trims of size not less than 75x20mm to shape for all exposed edges on top and sides including polishing and finishing with melamine matte finish tinted to approved shade and texture.	Sqm	9.00		
5	Providing & fixing pinup board of size 900x1500mm using 40x40mm TW frame lined with 12mm thk soft board which inturn covered with Maroon shade fabric.	Nos	1.00		
<b>SUB TOTAL VALUE OF PARTITION WORKS</b>				<b>Rs.</b>	
<b>B FALSE CEILING WORKS</b>					
1	<b>Gypsum board false ceiling</b> Providing and fixing at all height false ceiling of 12.5mm thick tapered edge gypsum board conforming to IS: 2095 including providing and fixing of frame work made of special sections power pressed from MS sections and galvanized in accordance with zinc coating 600 as per IS: 277 and consisting of MS angles cleats of size 25mm wide x 16mm thick with flanges of 22mm and 37mm at 1200mm centre to centre one edge fixed to the ceiling with dash fastener 12.5mm dia x 40mm long with 6mm dia bolts to the angle hangers of 25x25x5mm  of required length and other end of angle hanger being fixed to being fixed with nuts and bolts to GI channels 45x15x0.90mm running at the rate of 1200mm centre to centre to which the ceiling section 0.5mm thick bottom edge of 80mm with tapered flanges of 26mm each having clips of 10.5mm at 450mm centre to centre shall be fixed to the direction perpendicular to GI channel with connecting clips made out of 2.64mm dia x 230mm long GI wire at every junction including fixing the gypsum board with ceiling section and perimeter channels 0.50mm thick 27mm high having flanges of 20mm and 30mm long, the perimeter  of ceiling fixed to the wall /partition with the help of rawl plugs at 450mm centre to centre with 25mm long drive-all screws @ 230mm interval including jointing and fixing to a flush finish of tapered and square edges of the gypsum board with recommended filler, paper tapes, finisher including painting with two or more coats acrylic emulsion paint (White/Pine Apple Shade- 908/399 of ASIAN PAINTS) over a coat of primer of approved make and shade and the cost of making openings for light fittings, AC diffusers and continuous grills, cutouts made with frame of perimeter channels suitably fixed complete. The rate shall hold good for laying the false ceiling for the vertical surfaces also (with levels). Payments to be made for all the exposed surfaces only.	Sqm	76.00		
<b>SUB TOTAL VALUE OF FALSE CEILING WORKS</b>				<b>Rs.</b>	
<b>C COUNTERS</b>					
	Counters (including cash)				

S.NO	DESCRIPTION OF WORKS	UNITS	QTY	RATE	AMOUNT
1	Providing and assembling cash counter units to shape as shown in drawings of size not less than 1350x760x760 mm inside ht. with drawers and shelves on one side and keyboard drawer for each counter using 19mm thick commercial plywood lined with 1mm thk. lamination for all the exposed surfaces including finishing & painting with 2 coats of enamel paint over a coat of primer and putty for all the inner surfaces. The rate shall include the cost of efficient make multipurpose lock (common keys) to doors, drawers & keyboard drawer along with handles as shown in drawing. The rate also include providing and fixing painting a foot rest using 75x25mm size 1st class seasoned country frame. Payment will be made only on the centerline measurement. The rate shall include the cost of providing skirting of 100mm wide lined with 1mm thk laminate and providing & fixing a border at top of 100mm wide lined with 1mm thk laminate complete.				
	The rate shall also include the cost of providing & laying lakshmi red granite top for all the counter tops including cutting the table top for for the wire manager with all the exposed edges ground, bull nosed and polished and along with providing & fixing a H-cabinet for keeping the CPU including finishing and polishing the TW beading to approved shade.	Rmt	2.00		
2	Same as above item no.1 but for providing & fixing low counters.	Rmt	9.00		
3	Providing & fixing 12mm thk clear float glass to shape for top & front side of the bulk cash & swc counters including cutting the holes, and providing & fixing TW beading polished and tinted to approved shade.	Sqm	5.00		
<b>SUB TOTAL VALUE OF COUNTER WORKS</b>				<b>Rs.</b>	
<b>D MISCELLANEOUS WORKS</b>					
1	Supplying and fixing TW double door (two shutters of 750mm wide each) using 100mm high and 60mm thick TW frames around along with 8mm thick clear float glass with minimal glass etching all round and etching the logo in centre with all accessories required, along with providing outer frame on three sides using 100x40mm TW frames. The rate also include the cost of providing and fixing 300mm high and "H" CP brass handle on both sides, lock, pivots, etc. including finishing and polishing the wooden surfaces with sealer-melamine matt finish tinted to approved colour and shade.	Sqm	4.00		
2	Supplying and fixing of DORMA make floor spring including making chases in flooring and making good the same with CC grouting to match with the existing flooring.	Nos	2.00		
3	Supplying and fixing of Godrej mortice lock with round head.	Nos	5.00		
4	Supplying and fixing of Godrej night latch for cash counters.	Nos	1.00		
5	Supplying and fixing of Godrej mortice latch.	Nos	2.00		
6	Supplying and fixing of Efficient make door stoppers.	Nos	4.00		
7	Supplying and fixing of Efficient make door closers.	Nos	4.00		
8	Providing and fixing of writing ledge size of 230x275x1200mm with 12mm thick commercial plywood and lined with 1mm thk laminated finish complete.	Nos	1.00		
9	Providing and fixing of vertical type challan box size of 230mm x 150mm wide x 375mm high with 12mm thick commercial plywood and lined with 1mm thk laminated finish complete.	Nos	2.00		
10	Providing and fixing wicket gate with single leaf shutters using 18mm thick commercial flush door shutter lined with 1mm thk lamination on both sides. The rate shall include the cost of painting the frame and necessary hardwares etc., complete. The rate shall include the cost of providing skirting of 100mm wide lined with 1mm thk laminate.	Sqm	2.00		
11	Providing and fixing of cheque drop box size of 450 x 375 x 600mm high with 12mm thick commercial plywood and lined with 1mm thk laminated finish with front side openable type with locking arrangement complete.	Nos	1.00		

S.NO	DESCRIPTION OF WORKS	UNITS	QTY	RATE	AMOUNT
12	Providing and fixing of compaint and sugession box size of 300 x 375 x 450mm high with 12mm thick commercial plywood and lined with 1mm thk laminated finish with front side openable type with locking arrangement complete.	Nos	1.00		
13	Providing and fixing integrated pelmet cum AC boxing 450mm high and 150mm wide made out of 19mm thick commercial plywood and lined with 1mm thk lamination along with providing and fixing TW lipping on all the exposed surfaces along with painting the inner surface with 2 coats of enamel paint over a coat of full putty and primer.	Rmt	20.00		
14	Providing and fixing plywood false ceiling work to cover the rolling shutter using 12mm thick commercial plywood with necessary frame work including providing openable arrangement for servicing the rolling shutters. The rate shall include the cost of lining with 3mm thk veneer on all the exposed surfaces including polishing and finishing with melamine matte finish tinted to approved shade and texture.	Sqm	8.00		
<b>SUB TOTAL VALUE OF MISCELLANEOUS WORKS</b>				<b>Rs.</b>	
<b>E FIXED FURNITURES &amp; CUPBOARDS</b>					
1	Supplying & fixing post formed storage cupboards of 450mm wide with varying heights of 750 to 2450mm with top and front shutters post formed using 19mm thick Water proof (BWP) plywood as dividers and verticals along with 6mm thk. (MR) plywood at the back. The inner surfaces shall be painted with two coats of enamel paint over a coat of putty and complete with Efficient locks (6 locks with 1 common key). The shutters shall have auto closing hinges. The rate shall also include the cost of providing skirting of 100mm wide lined with 1mm thk laminate.	Sqm	6.00		
2	Supplying & fixing of Acrylic roller blinds for a height not less than 1500mm with all accessories including tracks and cutting the panels to suit the openings.	Sqm	6.00		
<b>SUB TOTAL VALUE OF FIXED FURNITURES &amp; CUPBOARDS</b>				<b>Rs.</b>	
<b>I SUMMARY OF INTERIOR WORKS FOR BRANCH</b>					
<b>A SUB TOTAL VALUE OF PARTITION WORKS</b>				<b>Rs.</b>	
<b>B SUB TOTAL VALUE OF FALSE CEILING WORKS</b>				<b>Rs.</b>	
<b>C SUB TOTAL VALUE OF COUNTER WORKS</b>				<b>Rs.</b>	
<b>D SUB TOTAL VALUE OF MISCELLANEOUS WORKS</b>				<b>Rs.</b>	
<b>E SUB TOTAL VALUE OF FIXED FURNITURES &amp; CUPBOARDS</b>				<b>Rs.</b>	
<b>SUB TOTAL VALUE OF INTERIOR WORKS FOR BRANCH EXCLUDING GST</b>				<b>Rs.</b>	
<b>II SCHEDULE OF QUANTITIES UNDER SFVM FOR BRANCH</b>					
<b>A SCHEDULE OF QUANTITIES FOR MOVABLE FURNITURES</b>					
1	Providing post formed Manager table to shape of Size of 1830x 910x760 mm ht. with drawers and shelves on the side, file cabinet on other side, and keyboard drawer using 19mm thick commercial plywood lined with 1mm thk. lamination for all the exposed surfaces along with providing and fixing modesty panel with all supports and stiffeners and finishing and the inner surfaces with two coats of enamel paint and fixing Efficient make multipurpose lock (common keys) to doors, drawers & key board drawer along with handles including providing and fixing a foot rest using 75x40 mm size 1st class seasoned country wood. The rate shall also include the cost of providing and assembling side table of size 1000x450x575 mm with drawer and shelf's. The rate shall also include the cost of polishing and finishing all the exposed surfaces with melamine matte finish tinted to approved shade and texture and providing and laying 6mm thk bevelled edge glass top complete.	Nos	1.00		
2	Same as above item but for supplying & providing post formed clerk table of 1220x610x760 mm without glass top & side table.	Nos	1.00		

S.NO	DESCRIPTION OF WORKS	UNITS	QTY	RATE	AMOUNT
3	Same as above item but for supplying & providing linear dining table of size 2850x460x760 mm using 19mm thick commercial plywood lined with 1mm thk. lamination for all the exposed surfaces with all supports and stiffeners and finishing the inner surfaces with two coats of enamel paint.	Nos	1.00		
<b>SUB TOTAL VALUE OF MOVABLE FURNITURES</b>				<b>Rs.</b>	
<b>B SCHEDULE OF QUANTITIES FOR ELECTRICAL WORKS</b>					
<b>1 MAIN SWITCH</b>					
	Supply and erection of 100A TPN FSU with HRC fuses in sheet steel enclosure on wall mounting angle iron frame work and with suitable cable box at top and bottom for receiving 1 No of 3½C 50 sqmm Aluminium cable and 1 No of 4R25 sqmm unarmoured copper wires as required near the TNEB meter.	No	1.00		
<b>2 MAIN DB</b>					
	Supply, Installation, testing and commissioning of 8 way TPN Vertical type Distribution board (Double door type) with the following:- 1No. 100A TPN MCCB as Incomer and Outgoings:- 3 Nos 63A TP, 3 Nos 40A TP, 1 No 25A TP, 3 Nos 25/20/16A SP MCB with necessary insulated copper bus bars, neutral links, earth links and interconnections with suitable PVC insulated copper conductor wires & etc.	Set	1.00		
<b>3 CHANGE-OVER SWITCH</b>					
	Supply and installation of 100A 4P on-load change over switch in sheet steel enclosure on wall mounting angle iron frame work and including top & bottom cable boxes to receive incoming & outgoing cables.	No	1.00		
<b>4 DISTRIBUTION BOARD</b>					
<b>4.1 PDB - 1</b>					
	Supply, Installation, testing and commissioning of 4 way TPN Phase Segregated Distribution board (Double door type) with the following:- 1 No of 63A 4P MCB as Incomer and Outgoings:- 3 Nos of 63A DP RCBO's and 12 Nos of 25/20/16A SP MCB's with necessary insulated copper bus bars, neutral links, earth links and interconnections with suitable PVC insulated copper conductor wires & etc.	No	1.00		
<b>4.2 LDB - 1</b>					
	Supply, Installation, testing and commissioning of 4 way TPN Phase Segregated Distribution board (Double door type) with the following:- 1No of 40A 4P MCB as Incomer and Outgoings:- 3 Nos of 32A DP RCBO's and 12 Nos of 10/6A SP MCB's with necessary insulated copper bus bars, neutral links, earth links and interconnections with suitable PVC insulated copper conductor wires & etc.	No	1.00		
<b>4.3 LDB EMERGENCY</b>					
	Supply, Installation, testing and commissioning of 6 way SPN Distribution board (Double door type) with the following:- 1 No of 25A DP RCBO as Incomer and Outgoings:- 6 Nos of 6A SP MCB's with necessary insulated copper bus bars, neutral links, earth links and interconnections with suitable PVC insulated copper conductor wires & etc.	No	1.00		
<b>4.4 UPS DB</b>					
	Supply, Installation, testing and commissioning of 8 way SPN Distribution board with the following:- 1 No of 32A DP MCB as Incomer and Outgoings:- 8 Nos of 10/6A SP MCB's with necessary insulated copper bus bars, neutral links, earth links and interconnections with suitable PVC insulated copper conductor wires.	No	1.00		
<b>5 LT CABLES</b>					
5.1	Supply & laying of 4R25 sqmm, 1.1KV grade PVC insulated, single core, multistranded copper conductor cable in suitable PVC rigid / flexible pvc conduit from TNEB Meter to Main Switch with end termination using crimping type copper sockets.	Mt	8.00		

S.NO	DESCRIPTION OF WORKS	UNITS	QTY	RATE	AMOUNT
5.2	Supply & laying of the following sizes of 1.1KV grade, PVC insulated, steel armoured and overall PVC sheathed LTUG cable with necessary clamping on wall. (2 runs of 8/10 G copper earth wire shall be provided for all cables)				
5.2.1	3½ C 50 sqmm Aluminium cable.	Mt	30.00		
5.2.2	3½ C 35 sqmm Aluminium cable.	Mt	15.00		
5.2.3	4C 4 sqmm Copper cable.	Mt	15.00		
5.3	Providing end termination for the following LTUG cable using suitable single compression type gland and crimping type aluminium sockets.				
5.3.1	3½ C 50 sqmm Aluminium cable.	No	6.00		
5.3.2	3½ C 35 sqmm Aluminium cable.	No	2.00		
5.3.3	4C 4 sqmm Copper cable.	No	4.00		
6	<b>POWER WIRING:</b>				
6.1	Wiring for 20/16A socket outlet using 2R4 sqmm & 1R2.5 sqmm PVC insulated multi stranded single core copper conductor FRLS wire in 25mm PVC conduit to be laid in floor, partitions, etc complete with all accessories.	Mt	100.00		
6.2	Supply and fixing 20A - 3 pin metal clad socket with plug controlled by a 20A SP MCB (for Ac wall mounted stabilizers) housed in manufacturerer's MS powder coated box to be concealed in wall.	No	6.00		
6.3	Supply and fixing 20A - 3 pin modular socket with 20A one way switch with indicator (near AC indoor unit) housed in manufacturerer's MS powder coated box to be concealed in wall.	No	6.00		
6.4	Supplying and fixing 6/16 A shuttered socket outlet controlled by 20A SP switch (with indicator) with front plate housed in a suitable electro plated sheet metal box of approved make box recesssed in wall.	No	2.00		
7	<b>UPS WIRING:</b>				
7.1	Supply, installation, testing and commissioning of 40A rated 3 phase to single phase auto phase shifter for 3.0 KVA UPS & 2.0 KVA Inverter unit (SLHD 60 of Swift make).	No	3.00		
7.2	Supply and Installation of 32A DP MCB housed in manufacturerer's powder coated MS box for UPS output control.	No	2.00		
7.3	Supply and Installation of 32A DP ATS housed in manufacturerer's powder coated MS box for UPS input control.	No	1.00		
7.4	Supply & laying of 4R10 Sqmm and 2R2.5 sqmm, PVC insulated, single core, multistranded copper conductor cable in suitable rigid / flexible PVC conduit from FSU to APFCR panel.	Mt	10.00		
7.5	Supply & laying of 4R6 Sqmm and 2R2.5 sqmm, PVC insulated, single core, multistranded copper conductor cable in suitable rigid / flexible PVC conduit from Main DB to auto phase shifter.	Mt	10.00		
7.6	Supply & laying of 4R4 Sqmm and 2R1.5 sqmm, PVC insulated, single core, multistranded copper conductor cable in suitable rigid / flexible PVC conduit from Main DB to auto phase shifter.	Mt	10.00		
7.7	Supply & laying of 2R6 Sqmm and 1R2.5 sqmm, PVC insulated, single core, multistranded copper conductor cable in suitable rigid PVC conduit from automatic power shifter of 5.0 KVA UPS unit.	Mt	15.00		
7.8	Supply & laying of 2R4 Sqmm and 1R2.5 sqmm, PVC insulated, single core, multistranded copper conductor cable in suitable rigid / flexible PVC conduit from MCB to UPS DB & UPS to UPS DB.	Mt	35.00		
7.9	Supply & laying of 2R4 Sqmm and 1R1.5 sqmm, PVC insulated, single core, multistranded copper conductor cable in suitable rigid / flexible PVC conduit from APC to Inverter.	Mt	15.00		

S.NO	DESCRIPTION OF WORKS	UNITS	QTY	RATE	AMOUNT
7.10	Wiring for UPS socket outlet using 2R2.5 Sqmm and 1R2.5 sqmm PVC insulated multi stranded single core copper conductor FRLS wire in 20mm PVC conduit to be laid in floor, partitions, etc. complete with all accessories (looping 2/3 sets of 3x6A socket outlet in one circuit).	Mt	120.00		
7.11	Wiring for Raw power socket outlet using 2R2.5 Sqmm and 1R2.5 sqmm PVC insulated multi stranded single core copper conductor FRLS wire in 20mm PVC conduit to be laid in floor, partitions, etc. complete with all accessories (looping 3 sets of 2x6A socket outlet in one circuit).	Mt	110.00		
7.12	Supply and installation of modular type 3 nos 6A multi pin sockets and 3 nos 16A modular switch with indicator housed in MS box to be fixed in partitions. The box shall be painted with 2 coats of enamel paint over a coat of red oxide primer (for System).	Set	9.00		
7.13	Supply and installation of modular type 1 no 6A multi pin sockets with 1 no 6A modular switch housed in MS box to be fixed in partitions. The box shall be painted with 2 coats of enamel paint over a coat of red oxide primer (for Raw power).	Set	9.00		
7.14	Supply and installation of modular type 20A master switches housed in MS box to be fixed in partitions. The box shall be painted with 2 coats of enamel paint over a coat of red oxide primer.	Set	9.00		
7.15	Supply and installation of 2 nos 16A 5-pin socket with 2 nos of 16A modular switches housed in MS fabricated box to be concealed in wall / partition for server and line printer.	Set	2.00		
<b>8</b>	<b>LIGHTING WIRING:</b>				
8.1	Providing and laying point wiring for lights, fans, exhaust fans, 6A plug points etc., partly laid in surface conduits (above false ceiling) and necessarily concealed in recessed conduits in wall / partition / vertical drops, etc with 3 runs of 1.5 Sq.mm PVC insulated Flame Retardant Low smoke Cable (FRLS) with copper conductor in 20 / 25 mm dia. PVC conduit pipe 16G thick as per IS 9537 Part II including all accessories like base clamp, bends, couplings, junction boxes, rubber bushes etc., along with supplying and fixing 6A modular type switches of approved make with front plate for control housed in metal boxes recessed in wall / partitions made from electro plated sheet metal box of approved make including giving connections complete as required. The rate shall include the cost of providing and fixing necessary threaded MS powder coated ceiling suspended pipe / rod along with slotted U channel including securing the same with clamp / cable tie as required wherever required.				
8.1.1	1 light controlled by one switch.	No	20.00		
8.1.2	2 light controlled by one switch.	No	7.00		
8.1.3	3 lights controlled by one switch.	No	2.00		
8.1.4	ceiling fan point with step type electronic regulator and anchor hook for mounting fan.	No	4.00		
8.1.5	Same as above item, but for exhaust fan excluding regulator.	No	3.00		
8.1.6	Wiring for call bell points with modular bell push, modular type buzzer, with indicator and reset button.	No	1.00		
8.1.7	Wiring for of 6A multi pin socket in the switch box along with 6A modular type switch.	No	9.00		
8.2	Wiring for INDEPENDANT 6A multi pin socket along with 6A modular type switches.	No	9.00		



S.NO	DESCRIPTION OF WORKS	UNITS	QTY	RATE	AMOUNT
8.3	Supplying and laying lighting circuit mains partly in surface conduits and necessarily concealed in recessed conduits in wall / partition / vertical drops, etc and also in areas where no false ceiling is provided except in safe room and locker room with 2R2.5 sqmm and 1R1.5 sqmm PVC insulated flame retardant low smoke cable (FRLS) with copper conductor in 20 / 25 mm dia. pvc conduit pipe 16G thick as per IS 9537 Part II including all accessories like base clamp, bends, couplings, junction boxes, rubber bushes, etc. The rate shall include the cost of providing and fixing necessary threaded MS powder coated ceiling suspended pipe / rod along with slotted U channel including securing the same with clamp / cable tie as required where ever required. Ends connected with suitable copper cable sockets and cable marking ferrules as required. Circuit wiring measured from the DB to the first switch control box only. Looping circuit shall be part of the point wiring which will not be measured for payment.	Mt	200.00		
8.4	Supply and installation of power supply disconnection arrangement for strong room consisting of 1 no 10A DP MCB housed in manufacturer's powder coated MS box to be fixed inside the strong room and connected with 1 no of 3 pin metal clad plug with 2 metre long 3 core 2.5 sqmm PVC insulated flexible copper conductor cable.	Set	1.00		
8.5	Supply and installation of single phase 20A - 3 pin metal clad socket controlled by 10A SP MCB housed in manufacturer's MS enclosure to be concealed / surface mounted on outside the strong room wall.	No	1.00		
9	<b>SUPPLY OF LIGHT FITTING AND FANS</b>				
9.1	Supplying of recess mounted 38 Watts LED luminare with Prismatic Diffuser (Wipro or equivalent).	No	9.00		
9.2	Supplying of recess mounted 17 Watts LED downlight (Wipro or equivalent).	No	19.00		
9.3	Supplying of 230mm dia light duty exhaust fan with auto gravity louvre.	No	3.00		
9.4	Supply of ceiling mounted 18 Watts LED Tube light fixture along with electronic ballast and lamp (Wipro or equivalent).	No	10.00		
9.5	Supplying of Mini lights in cash cabin with 11Watts LED luminare (Wipro or equivalent).	No	1.00		
9.6	Supplying of 3 Watts LED mirror light (Wipro or equivalent).	Nos	1.00		
9.7	Supplying of 1200mm dia sweep ceiling fan including standard down rod complete.	No	4.00		
10	<b>LABOUR FOR FIXING LIGHT FITTING AND FANS</b>				
10.1	Charges for fixing recess mounted 38 Watts LED luminare with Prismatic Diffuser and supporting frame.	No	9.00		
10.2	Charges for fixing recess mounted 17 Watts LED downlight.	No	19.00		
10.3	Charges for fixing 230mm dia light duty exhaust fan with auto gravity louvre.	No	3.00		
10.4	Charges for fixing of 18 Watts LED Tube light fixture along with electronic ballast and lamp.	No	10.00		
10.5	Charges for fixing Mini lights in cash cabin with LED 11Watts.	No	1.00		
10.6	Charges for fixing 3 Watts LED mirror light.	No	1.00		
10.7	Charges for fixing 1200mm dia sweep ceiling fan including standard down rod.	No	4.00		
11	<b>SOUND SYSTEM</b>				
11.1	Providing and fixing 20mm dia rigid PVC pipe 2mm thick along with accessories laid above false ceiling including clamping the same to wall / slab / beams / partitions, etc., along with providing suitable GI guide wire.	Mt	30.00		
11.2	Supplying and laying of 2Core 24 / 0.2 mm ATC Twin Twisted Speaker wire within the above 20mm dia PVC conduit including giving connections.	Mt	60.00		
11.3	Supply & Installation of Philips / Bosch make 6W false ceiling mounted speaker with necessary accessories including line matching transformer.	No	4.00		

S.NO	DESCRIPTION OF WORKS	UNITS	QTY	RATE	AMOUNT
11.4	Providing and fixing resistance type volume control knob along with modular front plate housed in the manufacturers zinc passivated MS box with front plate including concealing the same in the wall / partition and making good the surfaces smooth.	No	1.00		
11.5	Charges for installation of the supplied music system including terminating the speaker wire in the amplifier with suitable jack.	Job	1.00		
<b>12</b>	<b>EARTHING</b>				
12.1	Supply, installation, testing and commissioning of copper plate earthing station using 600 x 600 x 3mm copper plate, 2.5M long 25mm dia 'B' class GI pipe with funnel, excavation & refilling with salt, charcoal mixture, connecting 2 runs of 25 x 3mm copper strip with plate and extending up to the G.L for taking up the connections as per IS-3043 for earthing of UPS. A brick masonry trough of size 450 x 450 x 450mm depth and wall thickness not less than 150mm shall be provided with RCC cover.	No	1.00		
12.2	Supply, installation, testing and commissioning of Earth Electrode using 2.5M long perforated 100mm dia CI pipe buried in ground filled with salt charcoal mixture, construction of masonry trough of size 450 x 450 x 450mm depth and wall thickness not less than 150mm shall be provided with RCC cover.	No	1.00		
12.3	Supply and laying of 1R10 Sqmm PVC insulated copper conductor wire drawn in 20mm dia PVC pipe from above earth electrodes to UPS Earth points and terminating both the ends with proper crimping type copper sockets. The conduit will be partly in underground and partly on wall with necessary clamping.	Mt	30.00		
12.4	Supply & Laying of 8SWG copper Wire for earthing Main panel board, APFC panel and 125A Change Over Switch with ends terminated with copper cable sockets. The rate shall include the cost of providing and fixing earth bus using 25 x 3mm copper flat with holes for tapping connections with brass bolts and nuts.	Mt	45.00		
<b>13</b>	<b>INVERTER WIRING</b>				
13.1	Supply & Laying of 2 runs of 4.0 Sqmm and single run of 2.5 sqmm PVC insulated, single core, multistranded copper conductor cable in suitable rigid PVC conduit from Inverter to LDB Emergency .	Mt	50.00		
13.2	Wiring for light/fan and 6A plug points with 3R1.5 Sqmm PVC insulated, multistrand single core copper conductor FRLS wire in 20 mm PVC conduits, to be clamped on wall, ceiling, chase cutting on wall to conceal a portion of the same, to route through partitions, etc.				
13.2.1	1 light controlled by one switch.	No	12.00		
13.2.2	Wiring for independant 6A multi pin socket along with 6A modular type switches housed in painted MS box (upto 3 independent plug points can be taken in one circuit).	No	9.00		
	<b>SUB TOTAL VALUE OF ELECTRICAL WORKS</b>			<b>Rs.</b>	
<b>C</b>	<b>SCHEDULE OF QUANTITIES FOR DATA &amp; TELEPHONE CABLING (Structured)</b>				
<b>1</b>	<b>Data cabling</b>				
1.1	Providing and laying 25mm dia PVC conduit of 2mm thickness for drawing data wires from server to various nodes with all necessary accessories like bends, couplings, junction boxes, etc laid through false flooring, partitions walls (including and making good the surface).	Rmt	135.00		
1.2	Supplying and laying UTP CAT 6 (Systimax) through the above PVC pipes / Raceways for data.	Rmt	270.00		
1.3	Supply and installation of RJ45 female jack (single plate).	Nos	8.00		
1.4	Supply and installation of RJ45 female jack (double plate).	Nos	1.00		
1.5	Supply and installation of 9U closed server rack with sets.	Nos	1.00		
1.6	Supply and fixing 1 metre mounting cord (Systimax).	Nos	9.00		
1.7	Supply and fixing 2 metre mounting cord (Systimax).	Nos	9.00		

S.NO	DESCRIPTION OF WORKS	UNITS	QTY	RATE	AMOUNT
1.8	Providing and fixing 12 port jack panel (Systimax).	Nos	1.00		
1.9	Providing and fixing 12 port switch (Systimax).	Nos	1.00		
1.10	Termination and integration charges per set of nodes (Two ends) and testing, certification (Systimax) and documentation of all works.	Nodes	9.00		
<b>2</b>	<b>Telephone cabling</b>				
2.1	Supply and laying of 25mm dia PVC conduit through floor, wall, partitions, etc including all necessary materials from EPABX to various telephone sockets.	Mt	20.00		
2.2	Supply and laying CAT 6 data cable for telephones through the above mentioned conduits.	Mt	80.00		
2.3	Supply and laying of 0.6mm dia copper conductor, PVC insulated 2 pair telephone cable through the above PVC conduit.	Mt	50.00		
2.4	Supply and laying of 0.6mm dia copper conductor, PVC insulated 4 pair telephone cable through the PVC conduit from Main BSNL krone to Bank's krone.	Mt	20.00		
2.5	Supply and installation of modular type single RJ-11 telephone socket housed in the manufacturers zinc passivated MS box with front plate.	No	5.00		
2.6	Supply and installation of modular type dual RJ-11 telephone sockets housed in the manufacturers zinc passivated MS box with front plate.	No	1.00		
2.7	Supply and installation of modular type RJ-45 box only housed in the manufacturers zinc passivated MS box.	No	5.00		
2.8	Supply and laying 10 pair krone connector housed in heavy duty ABS plastic mould with suitable locking arrangements.	No	1.00		
<b>SUB TOTAL VALUE OF DATA &amp; TELEPHONE CABLING WORKS</b>				<b>Rs.</b>	
<b>II SUMMARY OF WORKS UNDER SFVM FOR BRANCH</b>					
<b>A SUB TOTAL VALUE OF MOVABLE FURNITURES</b>				<b>Rs.</b>	
<b>B SUB TOTAL VALUE OF ELECTRICAL WORKS</b>				<b>Rs.</b>	
<b>C SUB TOTAL VALUE OF DATA &amp; TELEPHONE CABLING WORKS</b>				<b>Rs.</b>	
<b>SUB TOTAL VALUE OF WORKS UNDER SFVM FOR BRANCH EXCLUDING GST</b>				<b>Rs.</b>	
<b>III SCHEDULE OF QUANTITIES OF INTERIOR WORKS FOR ATM</b>					
1	Providing and fixing double skin low height partitions of upto 1200 mm or near about height using 48x48x1.2mm unanodized aluminium frames in both directions along with 6mm thick commercial ply wood lined on both sides and lining with 1mm thk. lamination of approved shade and texture alongwith grooves. The rate shall include the cost of providing & fixing 12mm thick colour design toughened glass with necessary steam beach beading and etching to shape to be fixed in the centre. The rate shall include the cost of providing skirting of 100mm wide lined with 1mm thk laminate and providing & fixing a border at top of 100mm wide lined with 1mm thk laminate complete. The rate shall also include the cost of providing and fixing Teak wood trims of size not less than 75mmx20mm to shape for all exposed edges on top and sides including polishing and finishing with melamine matte finish tinted to approved shade and texture.	Sqm	4.00		
2	Providing and fixing double skin full height partitions of upto 3050 mm or near about height using 48x48x1.2mm unanodized aluminium frames in both directions along with 6mm thick commercial plywood lined on both sides and lining with 1mm thk. lamination of approved shade and texture along with grooves. Adequate support frames to the ceiling / beams shall be provided at intervals.				

S.NO	DESCRIPTION OF WORKS	UNITS	QTY	RATE	AMOUNT
	<p>The rate shall include the cost of providing and inserting good quality sal wood frames of adequate size into the aluminium frames wherever the doors are located and covering the jamb of the aluminium frames with 6mm thick commercial plywood and fixing steam beach wood reaper of size 30x12mm thk around the opening as rebate along with providing and fixing 30mm thick factory made flush shutter fixed with 3 numbers of 100mm long SS ball bearing hinges lined with 1mm thk. lamination on both sides to match with the adjoining partition.</p> <p>The rate shall include the cost of providing skirting of 100mm wide lined with 1mm thk laminate and providing &amp; fixing a border at top of 100mm wide lined with 1mm thk laminate as shown in drawings including painting the reaper with putty and 2 coats of matching enamel paint over a coat of prime and putty complete. Only the exposed partition area will be measured for payment.</p>	Sqm	6.00		
3	<p>Providing and fixing at all height false ceiling of 12.5mm thick tapered edge gypsum board conforming to IS: 2095 including providing and fixing of frame work made of special sections power pressed from MS sections and galvanized in accordance with zinc coating 600 as per IS: 277 and consisting of MS angles cleats of size 25mm wide x 16mm thick with flanges of 22mm and 37mm at 1200mm centre to centre one edge fixed to the ceiling with dash fastener 12.5mm dia x 40mm long with 6mm dia bolts to the angle hangers of 25x25x5mm</p> <p>of required length and other end of angle hanger being fixed to being fixed with nuts and bolts to GI channels 45x15x0.90mm running at the rate of 1200mm centre to centre to which the ceiling section 0.5mm thick bottom edge of 80mm with tapered flanges of 26mm each having clips of 10.5mm at 450mm centre to centre shall be fixed to the direction perpendicular to GI channel with connecting clips made out of 2.64mm dia x 230mm long GI wire at every junction including fixing the gypsum board with ceiling section and perimeter channels 0.50mm thick 27mm high having flanges of 20mm and 30mm long, the perimeter</p> <p>of ceiling fixed to the wall /partition with the help of rawl plugs at 450mm centre to centre with 25mm long drive-all screws @ 230mm interval including jointing and fixing to a flush finish of tapered and square edges of the gypsum board with recommended filler, paper tapes, finisher including painting with two or more coats acrylic emulsion paint (White/Pine Apple Shade- 908/399 of ASIAN PAINTS) over a coat of primer of approved make and shade and the cost of making openings for light fittings, AC diffusers and continuous grills, cutouts made with frame of perimeter channels suitably fixed complete. The rate shall hold good for laying the false ceiling for the vertical surfaces also (with levels). Payments to be made for all the exposed surfaces only.</p>	Sqm	8.00		
4	<p>Providing and fixing aluminium door of size 910x2140mm comprising of approximate 83.5mm vertical members, approximate 85-90 mm top &amp; bottom, approximate 83.5 mm middle member, Black powder coated. Thickness of section not less than 1.5 mm. Godrej / Dorma / Hafele / Ingersol Rand / Insta Floor spring (for 100 kg weight and rated for min 0.3 million cycles) and Pivot on top. 4 mm clear polycarbonate sheet with scratch free film on both sides. Suitable rubber beading. Wool pile / Weather strip on one vertical member. Providing and fixing colour customized door handle to fit on Aluminium section.</p>	Sqm	2.00		
5	Same as above item no.6 but for fixed glazing portion only.	Sqm	2.00		
6	<p>Providing and fixing plywood false ceiling work to cover the rolling shutter using 12mm thick BWR plywood with necessary frame work including providing openable arrangement for servicing the rolling shutters. The rate shall include the cost of lining with 3mm veneer on all the exposed surfaces including polishing and finishing with melamine matte finish tinted to approved shade and texture.</p>	Sqm	5.00		
<b>SUB TOTAL VALUE OF INTERIOR WORKS FOR ATM EXCLUDING GST</b>					<b>Rs.</b>

S.NO	DESCRIPTION OF WORKS	UNITS	QTY	RATE	AMOUNT
<b>IV SCHEDULE OF QUANTITIES OF ELECTRICAL WORKS FOR ATM</b>					
<b>1 DISTURBUTION BOARDS</b>					
<b>1.1 ATM DB</b>					
	Supply, installation, testing and commissioning of wall mounted cubicle type 4 way 3 phase Vertical Distribution board (for ATM DB) with double door concealed in wall and fabricated out of 16 Swg CRCA and powder coated to Siemens gray shade after undergoing 7- tank process. The rate shall include the cost of chasing the wall and concealing the same including making good the surfaces smooth to receive the putty and painting. The DB shall comprise of the following:-				
	1 no 63A 4P Isolator as incomer				
	1 no 40 TPN MCB, 2 nos 32A TPN MCB, 2 nos 20A SP MCB & 1 no 10A SP MCB as outgoing with necessary interconnection copper wires etc.,	Set	1.00		
<b>1.2 UPS DB - 1</b>					
	Supply, installation, testing and commissioning of wall mounted powder coated 6 way single phase Distribution board (as UPS DB - 2) with double door concealed in wall and fabricated out of 16 Swg CRCA and powder coated. The rate shall include the cost of chasing the wall and concealing the same including making good the surfaces smooth to receive the putty and painting. The DB shall comprise of the following:-				
	1 no 32A DP MCB as incomer				
	6 nos of 10/6A SP MCB as outgoing for computer nodes with necessary interconnection copper bus bars etc.,	Set	1.00		
1.3	Supply, installation, testing and commissioning of 40A rated auto phase shifter with single line output for 3.0 KVA UPS unit. (SLHD 60 of Swift make)	No	1.00		
1.4	Supply and installation of 40A DP MCB housed in manufacturer's powder coated MS box for 3.0 KVA UPS input control.	No	1.00		
1.5	Supply and installation of 32A DP MCB housed in manufacturer's powder coated MS box for 3.0 KVA UPS output control.	No	1.00		
1.6	Supplying and fixing 32A DP manual change over switch in suitable metal enclosure.	No	1.00		
1.7	Supply and fixing of 15A Modular Switches and sockets concealed type of ISI Standards includes cabling up to 5 meters. (within ATM)	Each	1.00		
<b>2 Cables and Cable Terminations</b>					
2.1	Supply & laying of 3½ C 35 sqmm Aluminium cable laid above the ground and clamping the same at adequate intervals to the slab / beam / wall from Main DB to ATM DB along with 2 runs of 8 SWG copper wire for earthing.	Mt	25.00		
2.2	Providing end terminations for the above cables using double compression brass gland and copper crimping socket including earthing the cable glands with copper earth clamp and connecting the same to earth along with 10SWG copper earth wire for the following cables:-				
2.2.1	3½ C 35 sqmm Aluminium cable	No	2.00		
<b>3 Power Wiring</b>					
3.1	Wiring for 20A metal clad sockets for split ac with 2R4 Sqmm and 1R 2.5 Sqmm PVC insulated multi stranded copper wire drawn in 20 / 25mm pvc conduits to be clamped on wall / ceiling, etc embedding the same in floor, wall, etc with all accessories.	Mt	12.00		
3.2	Supply and fixing 20A - 3 pin metal clad socket with plug controlled by a 20A SP MCB (for Ac wall mounted stabilizers) housed in manufacturers MS powder coated box to be concealed in wall.	No	2.00		
<b>4 Lighting</b>					
	Wiring of light & fan points				

S.NO	DESCRIPTION OF WORKS	UNITS	QTY	RATE	AMOUNT
	Providing and laying point wiring for lights, fans, exhaust fans, 6A plug points etc., partly laid in surface conduits (above false ceiling) and necessarily concealed in recessed conduits in wall / partition / vertical drops, etc with 3 runs of 1.5 Sq.mm PVC insulated Flame Retardant Low smoke Cable (FRLS) with copper conductor in 20/25 mm dia. PVC conduit pipe 16G thick as per IS 9537 Part II including all accessories like base clamp, bends, couplings, junction boxes, rubber bushes etc., along with supplying and fixing 6A modular type switches of approved make with front plate for control housed in metal boxes recessed in wall / partitions made from electro plated sheet metal box of approved make including giving connections complete as required. The rate shall include the cost of providing and fixing necessary threaded MS powder coated ceiling suspended pipe / rod along with slotted U channel including securing the same with clamp / cable tie as required wherever required.				
4.1	1 light controlled by one switch.	No	2.00		
4.2	2 light controlled by one switch.	No	2.00		
4.3	Same as above item but for exhaust fan excluding regulator.	No	1.00		
4.4	Wiring for of 6A multi pin socket in the switch box along with 6A modular type switch.	No	1.00		
4.5	Supplying and laying lighting circuit mains partly in surface conduits and necessarily concealed in recessed conduits in wall / partition / vertical drops, etc with 2 runs of 2.5 Sq.mm plus 1 run of 1.5 sqmm PVC insulated Flame Retardant Low smoke Cable (FRLS) with copper conductor in 20/25 mm dia. PVC conduit pipe 16G thick as per IS 9537 Part II including all accessories like base clamp, bends, couplings, junction boxes, rubber bushes, etc. The rate shall include the cost of providing and fixing necessary threaded MS powder coated ceiling suspended pipe / rod along with slotted U channel including securing the same with clamp / cable tie as required where ever required. Ends connected with suitable copper cable sockets and cable marking ferrules as required. Circuit wiring measured from the DB to the first switch control box only. Looping circuit shall be part of the point wiring which will not be measured for payment.	Mt	35.00		
<b>5</b>	<b>Supply of Light fittings and Fans</b>				
5.1	Supplying of recess mounted 38 Watts LED luminare with Prismatic Diffuser (Wipro or equivalent).	No	1.00		
5.2	Supplying of recess mounted 17 Watts LED downlight (Wipro or equivalent).	No	4.00		
5.3	Supply of ceiling mounted 18 Watts LED Tube light fixture along with electronic ballast and lamp (Wipro or equivalent).	No	1.00		
5.4	Supplying of 230mm dia light duty exhaust fan with auto gravity louvre.	No	1.00		
<b>6</b>	<b>Labour for fixing Light fittings and Fans</b>				
	Installation of following light fittings complete with all accessories like and also necessary mounting accessories				
6.1	Charges for fixing recess mounted 38 Watts LED luminare with Prismatic Diffuser and supporting frame.	No	1.00		
6.2	Charges for fixing recess mounted 17 Watts LED downlight.	No	4.00		
6.3	Charges for fixing 18 Watts LED Tube light fixture along with electronic ballast and lamp.	No	1.00		
6.4	Charges for fixing 230mm dia light duty exhaust fan with auto gravity louvre.	No	1.00		
<b>7</b>	<b>UPS wiring</b>				
7.1	Wiring for UPS socket outlet using 2R2.5 Sqmm and 1R2.5 sqmm PVC insulated multi stranded single core copper conductor FRLS wire in 20mm PVC conduit to be laid in floor, partitions, etc. complete with all accessories (looping 2/3 sets of 3x6A socket outlet in one circuit).	Mt	30.00		

S.NO	DESCRIPTION OF WORKS	UNITS	QTY	RATE	AMOUNT
7.2	Supply and installation of 2 nos 16A 5-pin socket with 2 nos of 16A modular switches housed in MS fabricated box to be concealed in wall / partition.	No	3.00		
<b>8</b>	<b>Earthing</b>				
8.1	Supply, installation, testing and commissioning of copper plate earthing station using 600 x 600 x 3mm copper plate, 2.5M long 25mm dia 'B' class GI pipe with funnel, excavation & refilling with salt, charcoal mixture, connecting 2 runs of 25 x 3mm copper strip with plate and extending up to the G.L for taking up the connections as per IS-3043 for earthing of UPS. A brick masonry trough of size 450 x 450 x 450mm depth and wall thickness not less than 150mm shall be provided with RCC cover.	No	1.00		
8.2	Supply and laying of 1R 6 Sqmm PVC insulated copper wire drawn in 25mm dia PVC pipe from plate earth electrodes to UPS earth points and terminating both the ends with proper crimping type copper sockets to the earth links. The conduit will be partly underground and partly clamped on wall.	Mt	10.00		
<b>SUB TOTAL VALUE OF ELECTRICAL WORKS FOR ATM EXCLUDING GST</b>				<b>Rs.</b>	