	ABSTRACT OF COST			DATE:	
BO	Q FOR FURNISHING WORK FOR OFFICE PREMISES AT GROUND FI	LOOR S	BIMUR	ANDNAGA	AR, NOIDA
.NO	ITEM DESCRIPTION	UNIT	QTY.	RATES	AMOUNT
Α	FURNISHING AND INTERIOR WORK			<u> </u>	
1	Providing and fixing in position <b>Full Height Partition</b> with GI framework of 600 X 600 mm grid (horizontally and vertically) comprising of 50 mm X 50 mm heavy duty GI (C)-Sections corrugated of 1.5 mm minimum thickness with 12 mm thick moisture resistant MDF (interior grade) on both sides finished with 1 mm thick laminate on both sides in approved shade with groove pattern. Item includes provision of grooves in desired pattern, finishing the grooves with woodtech filler (asian paints/ nerolac paints) of specified shade. The rate includes provision of extra framework for skirting, niches and making cutouts for electrical switch plates, switch boxes, light fittings, making provision for laying conduits as per drawings & directions.	Sq.Mt.	20.00		
	Measurement of height shall be taken from finished floor level up to the level of false ceiling. In case of false ceiling, the vertical GI members to be fixed to RCC ceiling or to be joined with False ceiling framing with secrews but the area of partition payable will be below the false ceiling only. In case of varying heights on either side of partition, average height shall be considered. Measurement shall be taken of the visible front surface (elevation - 2D surface) only, nothing extra for designing and provision of niches and vertical sections.				
2	Providing and fixing in position <b>Low Height Partition</b> upto height of 1200 mm supported with GI framework of 600 X 600 mm grid (horizontally and vertically) comprising of 50 mm X 50 mm heavy duty GI (C)-Sections corrugated of 1.5 mm minimum thickness with 12 mm thick moisture resistant MDF (interior grade) on both sides finished with 1 mm thick laminate on both sides in approved shade with groove pattern. 10 mm thick acid wash glass is to be fixed with SS clamp at the exposed edges of the partition. Item includes 2nd class teakwood / pine wood beading corner chamfered of size 75 X 25 mm. All exposed woodwork to be high gloss melamine polished after using proper masking tapes while polishing to prevent any damage to laminate	Sq.Mt.	23.00		
	Measurement of height shall be taken from finished floor level. In case of varying heights on either side of partition, average height shall be considered. Measurement shall be taken of the visible front surface (elevation - 2D surface) only, nothing extra for designing and provision of niches and vertical sections.				

3	Providing and fixing Partition made up of <b>Aluminium Composite</b> <b>Panel (ACP)</b> sheets with framing of aluminium tube sections of min. 2" x 1" and 20 gauge at a spacing of 2' center to center both ways. ACP to be of approved shade in 2' width panels or distributed equally. ACP sheets to be fixed to the frame with 3M make adhesive along with mirror screws. Joints to be finished with silicon based sealant. ACP sheets to be min. 3mm thick with aluminum foil thickness to be min. 0.25 mm on both sides. Item also includes providing a door of size 3' x 7' made up of Aluminium Composite Panel (ACP) sheets with framing of aluminium tube sections as specified above along with Godrej make heavy duty lock, 3 numbers 3" SS hinges, handles etc. complete.	Sq.Mt	5.00	
	Measurement of height shall be taken from finished floor level. In case of varying heights on either side of partition, average height shall be considered. Measurement shall be taken of the visible front surface (elevation - 2D surface) only, nothing extra for designing and provision of niches and vertical sections.			
4	Providing and fixing full glazed glass partition including door with 12 mm thick Toughened Glass fixed to the floor / wall / flase ceiling / partition / panelling with patch fittings moving on double action hydraulic heavy duty floor spring (Hettich/Ozone/Dorma) and pivot on top. The glass is to be machine cut & the surface polished, floor spring to be properly embedded inside the floor spring after cutting and making good the floor and finally covering with Stainless Steel cover plate, The doors are to be provided with Lock fitted to the glass, 600 mm long & 25 mm dia Stainless Steel door handles along with all associated patch fittings (Hettich/Dorma/Godrej)			
	Measurement of height shall be taken from finished floor level up to the finished glass surface. In case of varying heights on either side of partition, average height shall be considered. Measurement shall be taken of the visible front surface (elevation - 2D surface) only. Glass shall be fixed in 2 parts where ever single piece glass is not available with all fixing accessories with no extra cost			
а	Fixed Glass Partition	Sq.Mt.	26.00	
b	Frameless Door	Sq.Mt.	6.00	
5	Providing & fixing <b>Glazed Door</b> 30 mm thick flush door with 10 mm teak wood lipping on all sides finished with 1.0 mm thick laminate of approved shade fixed on both sides and provision of vision panel of size 150 mm X 1500 mm having 12 mm thick float glass fixed with 10 mm thick teakwood lipping. The door is to be fixed to wooden frame of 2nd class teakwood/sal wood members of size 75 x 75 mm and the frames is to be fixed with partition / wall with holdfast / GI fastner. The door is to be provided with cylindrical lock, door closer, spring loaded SS Door stopper, heavy-duty SS ball bearing butt hinges 100 x 5.5 mm (4 Nos. per shutter) with screws. All wood surfaces to be treated with 2 coats of Fire retardant paint Viper of navair/equivalent and finally finished with malamine polish complete to the satisfaction of Bank's Engineer.	Sq.Mt.	2.00	

	Measurement of height shall be taken from finished floor level up to the outer edge of wooden frame and width shall be from outer edge of wooden frame to outer edge of wooden frame In case of varying heights on either side of partition, average height shall be considered. Measurement shall be taken of the visible front surface (elevation - 2D surface) only.			
6	Providing & fixing <b>Solid Flush Door</b> 30 mm thick flush door with 10 mm teak wood lipping on all sides finished with 1.0 mm thick laminate of approved shade fixed on both sides. The door is to be fixed to wooden frame of 2nd class teakwood/sal wood members of size 75 x 75 mm and the frames is to be fixed with partition / wall with holdfast / GI fastner. The door is to be provided with 12 x 200 mm SS Aldrop, 150 mm SS handles (2 nos), 200 mm long SS tower bolt, door closer, spring loaded SS Door stopper, heavy-duty SS ball bearing butt hinges 100 x 5.5 mm (4 Nos. per shutter) AND with screws. All wood surfaces to be treated with 2 coats of Fire retardant paint Viper of navair/equivalent and finally finished with malamine polish complete to the satisfaction of Bank's Engineer.	SQM	1.00	
	Measurement of height shall be taken from finished floor level up to the outer edge of wooden frame and width shall be from outer edge of wooden frame to outer edge of wooden frame. In case of varying heights on either side of partition, average height shall be considered. Measurement shall be taken of the visible front surface (elevation - 2D surface) only.			
7	Providing & fixing Single leaf <b>Fire Rated Door of 120 minutes or 2</b> <b>hours fire rating</b> of make TATA Pravesh/Equivalent as approved of overall size 900x2100 mm. The product should carry 5 years warranty on manufacturing and powder coating.		1.00	
	Door Leaves constructed from 1.6 mm (12 SWG) thick Galvanized Iron Sheet (conform to IS 277), overall thickness of 46 mm and Rockwool/Mineral wool/Honeycomb craft paper used as in-fill material			
	The door frames are to constructed from 1.6 mm (12 SWG) thick skin pass Galvanised Iron Sheet (conform to IS 277) formed to single rebate profile of size with profile dimesnions 0.143 m x 0.058 m.			
	Vision glass of 6 mm clear float glass of size 0.2 m x 0.3 m The door frame and door shutter are to be coated with Zinc Phosphate Stoving Primer and to be powder coated with epoxy polyester/pure polyester/polyurethane with minimum dry film thickness of 60-65 microns from both sides			
	Stainless Steel Ball bearing butt hinges 0.102 m x 0.076 m x 3 mm - 04 nos per shutter and mortise sash lock with lever handles, necessary hardwares for fitting complete			
	Measurement of height shall be taken from finished floor level up to the outer edge of GI frame and width shall be from outer edge of GI frame to outer edge of GI frame. In case of varying heights on either side of partition, average height shall be considered. Measurement shall be taken of the visible front surface (elevation - 2D surface) only.			

8	Providing and fixing <b>Louvered Shutter Cabinet</b> for main panel fabricated out of 18 mm thick Fire Retardant MDF (FRMDF) (conform to BS 476 : Part 7 Class 1) finsihed with putty and fire retardant paint from inside and 1 mm thick laminate of approved make & shade from outside.		4.00	
	The item to include powder coated MS louvers in both the shutters of the door of size - 300 mm x 1.2 m			
	The door is to be provided with 12 x 200 mm SS Aldrop, 150 mm SS handles (2 nos), auto closer hinges (3 Nos. per shutter) with necessary screws, harwares			
	Front facia shall be measurement for payment. Measurement of height shall be taken from finished floor level up to the finished edge of the cabinet and width shall be from outer edge to outer edge of cabinet. In case of varying heights on either side of partition, average height shall be considered. Measurement shall be taken of the visible front surface (elevation - 2D surface) only.			
	SUB TOTAL : I : PARTITTIONS AND DOORS			
	PANELLING		_	
9	Providing & fixing <b>Panelling (Laminate)</b> with frame work of 600 X 600 mm grid (horizontally and vertically) comprising of 50 mm X 50 mm heavy duty GI (C)-Sections corrugated of 1.5 mm minimum thickness with 12 mm thick moisture resistant MDF (interior grade) and 1.0 mm thk. laminate of approved shade. Paneling to have up to 3 Nos. of 50 mm high metallic decorative texture laminate band. Paneling to have 50x35mm teak wood moulding on edges. Panelling to have provision of extra frame work as necessary for skirting, coves and making cutouts for electrical switch plates, switch boxes, light fittings as per directions and complete to the satisfaction of the Bank's Engineer.		85.00	
	Measurement of height shall be taken from finished floor level up to the level of false ceiling. In case of false ceiling, area of panelling payable will be below the false ceiling only. In case of varying heights on either side of panelling, average height shall be considered. Measurement shall be taken of the visible front surface (elevation - 2D surface) only, nothing extra for designing and provision of niches and vertical sections.			
10	Providing & fixing <b>Panelling (Wall Paper)</b> with frame work of 600 X 600 mm grid (horizontally and vertically) comprising of 50 mm X 50 mm heavy duty GI (C)-Sections corrugated of 1.5 mm minimum thickness with 12 mm thick moisture resistant MDF (interior grade) and Wall Paper (Elemento/ Marshel). Paneling to have 50x35mm teak wood moulding on edges. Panelling to have provision of extra frame work as necessary for skirting and making cutouts for electrical switch plates, switch boxes, light fittings as per directions and complete to the satisfaction of the Bank's Engineer. (Base Price of wall paper to be used to be Rs. 125/ sq.ft.without taxes).	Sq.Mt.	9.00	

11	Measurement of height shall be taken from finished floor level up to the level of false ceiling. In case of false ceiling, area of panelling payable will be below the false ceiling only. In case of varying heights on either side of panelling, average height shall be considered. Measurement shall be taken of the visible front surface (elevation - 2D surface) only, nothing extra for designing and provision of niches and vertical sections.  Providing & fixing <b>Designer Panelling (/louvers panels / pvc puff panels)</b> with frame work of 600 X 600 mm grid (horizontally and vertically) comprising of 50 mm X 50 mm heavy duty GI (C)-Sections corrugated of 1.5 mm minimum thickness with 12 mm thick moisture resistant MDF (interior grade) and lacquered glass of 6 mm thickness (PLANILAQUE®-saint Govin), of any colour with superior quality natual colour glass silicon / resine / Araldite and wooden beading support as per directions and complete to the satisfaction of the Bank's Engineer. The edges of the glass panels are to be bevelled and rounded from all the sides. (Base Price of material to be used to be Rs. 200/ sq.ft. without taxes). Measurement of height shall be taken from finished floor level up to the level of false ceiling. In case of false ceiling, area of panelling payable will be below the false ceiling only. In case of varying heights on either side of panelling, average height shall be considered. Measurement	8.00	
	shall be taken of the visible front surface (elevation - 2D surface) only, nothing extra for designing and provision of niches and vertical sections.		
12	Providing & fixing in position Aluminium Composite Paneling (ACP) with framing of aluminium tube sections of 38mmX25mm and 20 gauge at a spacing of 2' center to center both ways. ACP to be of shade as approved by Bank in 2' width panels or distributed equally. ACP sheets to be fixed to the frame with 3M make adhesive along with mirror screws . Joints to be finished with silicon based sealant. ACP sheets to be min. 3mm thick with aluminium foil thickness to be min. 0.25 mm on both sides. Item includes providing additional sections to fix indoor AC units which will be installed at the higher position.	34.00	
	Measurement of height shall be taken from finished floor level up to the level of false ceiling. In case of false ceiling, area of panelling payable will be below the false ceiling only. In case of varying heights on either side of panelling, average height shall be considered. Measurement shall be taken of the visible front surface (elevation - 2D surface) only, nothing extra for designing and provision of niches and vertical sections.		
	SUB TOTAL : II : PANELLING		
III	FALSE CEILING	 	 

	Item includes providing False Ceiling in plane, curve shape and design. Suspending system and frame work shall match layout of A.C. ducts / grills, electrical / fire protection wiring / fixtures, return air grills etc. Rate to include provision of extra frame work, necessary scaffolding needed due to layout of other utilities refered above and fixtures etc. (Measurement shall be taken of the plan area. Cove design and verticle sections shall be measured in sqm)			
13	Providing and fixing <b>Gypsum Board False Ceiling</b> at all heights with INDIA GYPSUM ULTRA/approved make main ceiling sections at 1200 c/c and cross members at 450 c/c of INDIA GYPSUM/approved make . The grid work to be suspended from ceiling with hangers at every 1200 c/c in both directions. The Frame work to be as per manufacturer's specifications. 12.5 mm thk. GYPBOARD/approved make to be screwerd to the frame. The board to be finished with filling the tapered edges of the board with jointing compound and finishing with paper tape of INDIA GYPSUM/approved make. The ceiling to be finished with a top coat (plastic emulsion paint with 'Velvet Touch' of approved brand and manufacture to give an even shade: Two or more coats on new work with rollers/ spray) as per manufacturer's specification along with provision of all necessary cut outs for electrical / air conditioning grills and necessary frame work including cove and curve designs etc. complete to the satisfaction of Bank's Engineer.	Sq.Mt.	156.00	
14	Providing and fixing <b>False Ceiling with Mineral Fibre Acoustic</b> <b>Ceiling Tiles</b> of Armstrong/ USG/ Boral with MICROLOOK edges and having noise reduction properties laid on exposed grid system with 15mm wide <b>Silhouette</b> type T-section flanges of white colour, main runners spaced at 1200 mm c/c securely fixed to the soffit of structure with approved hangers at 1200 mm maximum c/c. Flush fitting 1200 mm crossed tees to be interlocked between main runners at 600 mm c/c to form 1200 x 600 modules. 1200 mm cross tees to be crimped. 600 x 600 module to be formed by fixing 600 mm long flush fitting cross tees centrally between the 1200 cross tees. Ceiling tiles of <b>Dune</b> <b>Premier</b> of size 600 x 600 x 15 mm (thk.) to be placed in the grid. Rate to include making necessary cut-outs or openings for light fixtures, air conditioners and other utilities etc. complete to the satisfaction of Bank's Engineer.	Sq.Mt.	37.00	
15	Providing and fixing plain non perforated metal sheet <b>GI tiles Grid</b> <b>False Ceiling</b> of size 600mm x 600mm having ceiling sections at 600 mm center to center both ways duly fixed with screws. The grid work to be suspended from ceiling with hangers at every 600 mm center to center in both directions. The framework to be as per manufacturer's specifications. Item includes providing extra support for fixing light fixture complete to the satisfaction of Bank's Engineer.	Sq.Mt.	5.00	

16	Providing and fixingCustomized <b>Box curtain ceiling</b> made up of Aluminium of 100x25x0.7mm thk , minimum 50micron epoxy powder coated fixed perpendicular t 0.7 G.I. box channel of size 38mm x 15mm by hexagonal bolt as per design.The framework to be as per manufacturer's specifications. Item includes providing extra support for fixing light fixture complete to the satisfaction of Bank's Engineer.	Sq.Mt.	7.00	
	SUB TOTAL : III : FALSE CEILING			
IV	COUNTER/ TABLES/ WORKSTATIONS			
17	Providing and fixing in position <b>Tables</b> with the following specifications:			
	The working top to be fabricated with 19 mm thick Moisture Resistant Grade Commercial Block Board finsihed with 1 mm thick laminate and 8 mm thick clear toughened glass with bevelled edges to be provided on top. Table top edges to be 40 mm thk. finished with laminate. Ready made cable manager with matching hole in the top and glass is to be provided.			
	The front facia/front modesty panel shall be made from 19 mm thick Moisture Resistant Grade Commercial Block Board finsihed with 1 mm thick laminate. Part of the front facia shall be finished with Lacquered glass of 6 mm thickness (PLANILAQUE®-saint Govin), of any colour with superior quality natual colour glass silicon / resin / Araldite and wooden beading support as per the drawing			
	The side supports shall be made up from 19 mm thick Moisture Resistant Grade Commercial Block Board finsihed with 1 mm thick laminate.			
	The drawer unit shall be made from 12 mm thick Moisture Resistant Grade commercial ply finished with 1 mm laminate on exposed surfaces comprising of 3 Nos. of drawers upto 400 mm wide & 450 mm deep). The drawer are to be fixed on telescopic channel channels with 100 mm wide SS handles in matt finish and one multipurpose lock per drawer.			
	Telescopic CPU trolley with castors and readymade keyboard tray of size 600 x 270 mm fixed on telescopic channels of approved make shall be provided			
	The item to include 10 mm thick lipping/ teak patti to all edges and all exposed teakwood surfaces / wooden beading are to be finished with melamine polish shade matching with laminate colour			
	The inside surafces are to be finished with 0.8 mm white laminate			
	Footrest 75x50mm made of 2nd class teakwood member to be fixed in the table.			
	The rate shall include providing all hardware such as drawer channels, S.S. handles, cable manager, lock of approved make			
а	BM Table 2100x900x750(H)mm.	Nos.	1.00	
b	Officer Tables 1300-1500x750x750 (H)mm.	Nos.	3.00	
С	Assistant Tables 900-1250x600x750 (H)mm.	Nos.	1.00	

d	<b>Reception counter</b> in semi circular/linear shape with Customer top 300 mm higher than working top as per design & Details to the satisfaction of Bank's Engineer. The table size to be 1800x750x1050		1.00	
e	<b>Banking Counters</b> 750(W)x750(H) mm in straight/curved shapes but the top and front fascia finished with 6 mm thick high density acrylic solid surface up to 1200 mm including polishing, edge moulding and Lacquered glass of 6 mm thickness (PLANILAQUE®-saint Govin) of any colour with superior quality natual colour glass silicon / resin / Araldite up to 400 mm width on the facia as per drawing		11.00	
18	Providing and fixing in position <b>Side Table/Credenza</b> with the foloowing specifications:			
	The side table top to be fabricated with 19 mm thick Moisture Resistant			
	Grade Commercial Block Board finsihed with 1 mm thick laminate and			
	8 mm thick clear toughened glass with bevelled edges to be provided			
	on top. The front shutters shall be made from 19 mm thick Moisture Resistant			
	-			
	Grade Commercial Block Board finsihed with 1 mm thick laminate and			
	matching edge binding tape on all sides.			
	The side supports shall be made up from 19 mm thick Moisture			
	Resistant Grade Commercial Block Board finsihed with 1 mm thick			
	laminate.			
	The back side shall be made from 12 mm thick Moisture Resistant			
	Grade Commercial plywood finsihed with 1 mm thick laminate from			
	outside.			
	The side table shall be provided with two drawers and one below			
	shutter cabinets divided into two parts and one intermediate shelf made			
	from 12 mm thick Moisture Resistant Grade commercial plywood			
	finished with 1 mm laminate on exposed surfaces. The drawer shall be			
	upto 400 mm wide & 450 mm deep. The drawer are to be fixed on			
	telescopic channel channels with 100 mm wide SS handles in matt			
	finish and one multipurpose lock per drawer. The shutters are to fixed			
	with hydraulic autocloser hinges, lock on one of the shutters with 100			
	mm tower bolt.			
	The item to include 10 mm thick lipping/ teak patti to all edges and all			
	exposed teakwood surfaces / wooden beading are to be finished with melamine polish shade matching with laminate colour			
	The inside surafces are to be finished with 0.8 mm white laminate and			
	edge to be pasted with edge biding tap of matching laminate shade.			
	The rate shall include providing all hardware such as drawer channels,			
	S.S. handles, cable manager, lock of approved make			
а	Side Table for Branch Manager 1050x450x750(H)mm.	Nos.	1.00	
b	Side Table for Officers 900x450x750(H)mm.	Nos.	3.00	
	Side Tables for Banking Counters 900x450x750(H)mm but top to be		7.00	
С	finished with 6 mm thk. high density solid acrylic surface including	Nos.	7.00	
	polishing, edge moulding			

19	Providing and fixing modular type <b>Voucher Tray</b> 900x300x1050 mm deep made out of 19 mm thick Moisture Resistant Grade Commercial Block Board finsihed with 1 mm thick laminate of approved make, shade and texture with writing top of 12 mm bevelled edge glass and racks for keeping vouchers and cheque drop box with slit for dropping of cheque, glass for viewing and cup board locking arrangement as per Engineer-in-Charge. All exposed edges to be finished with edge binding tape.	Nos.	1.00	
20	Providing and fixing in position <b>Looking Mirror</b> of size 600mm x 1500mm in locker room fabricated of 6 mm thick copper back finish looking mirror with bevelled edges fixed on 12 mm thick moisture resistant MDF (interior grade) and 1.0 mm thk. laminate of approved shade on all exposed surfaces. All exposed edges shall be finished with 38mmx19mm teakwood moulding.The looking mirror shall be provided with inbuilt two drawers made from 12 mm thick Moisture Resistant Grade commercial plywood finished with 1 mm laminate on exposed surfaces. The drawer shall be upto 300 mm wide & 225 mm deep. The drawer are to be fixed on telescopic channel channels with 100 mm wide SS handles in matt finish and one multipurpose lock per drawer.		1.00	
v	SUB TOTAL : IV : COUNTER/TABLES/WORKSTATIONS STORAGE CUPBOARDS			
V	STORAGE CUPBOARDS			
21	Providing & fixing <b>Storage</b> with the following specifications:			
1	The top to be fabricated with 19 mm thick Moisture Resistant Grade			
	Commercial Block Board finsihed with 1 mm thick laminate			
	The front shutters shall be made from 19 mm thick Moisture Resistant			
	Grade Commercial Block Board finsihed with 1 mm thick laminate and			
	Grade Commercial Block Board finsihed with 1 mm thick laminate and matching edge binding tape on all sides.			
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	Grade Commercial Block Board finsihed with 1 mm thick laminate and matching edge binding tape on all sides. The side supports shall be made up from 19 mm thick Moisture Resistant Grade Commercial Block Board finsihed with 1 mm thick laminate. The back side shall be made from 12 mm thick Moisture Resistant Grade Commercial plywood finsihed with 1 mm thick laminate from			
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	Grade Commercial Block Board finsihed with 1 mm thick laminate and matching edge binding tape on all sides. The side supports shall be made up from 19 mm thick Moisture Resistant Grade Commercial Block Board finsihed with 1 mm thick laminate. The back side shall be made from 12 mm thick Moisture Resistant Grade Commercial plywood finsihed with 1 mm thick laminate from outside. The storages shall have continuous vertical partitions at every 900 mm with 19 mm thick Moisture Resistant Grade Commercial Block Board finsihed with 1 mm thick laminate and intermediate shelf at every 300 mm made from 12 mm thick Moisture Resistant Grade commercial plywood finished with 1 mm laminate on exposed surfaces. All shutters shall be provided with one lock for two shutters, auto closing hydraulic hinges (2 nos. per shutter), brass catchers, 100 mm long S.S. brush finish handles, SS studs for intermediate shelf, 100 mm tower bolt.			
	Grade Commercial Block Board finsihed with 1 mm thick laminate and matching edge binding tape on all sides. The side supports shall be made up from 19 mm thick Moisture Resistant Grade Commercial Block Board finsihed with 1 mm thick laminate. The back side shall be made from 12 mm thick Moisture Resistant Grade Commercial plywood finsihed with 1 mm thick laminate from outside. The storages shall have continuous vertical partitions at every 900 mm with 19 mm thick Moisture Resistant Grade Commercial Block Board finsihed with 1 mm thick laminate and intermediate shelf at every 300 mm made from 12 mm thick Moisture Resistant Grade commercial plywood finished with 1 mm laminate on exposed surfaces. All shutters shall be provided with one lock for two shutters, auto closing hydraulic hinges (2 nos. per shutter), brass catchers, 100 mm long S.S. brush finish handles, SS studs for intermediate shelf, 100 mm tower bolt.			
	Grade Commercial Block Board finsihed with 1 mm thick laminate and matching edge binding tape on all sides. The side supports shall be made up from 19 mm thick Moisture Resistant Grade Commercial Block Board finsihed with 1 mm thick laminate. The back side shall be made from 12 mm thick Moisture Resistant Grade Commercial plywood finsihed with 1 mm thick laminate from outside. The storages shall have continuous vertical partitions at every 900 mm with 19 mm thick Moisture Resistant Grade Commercial Block Board finsihed with 1 mm thick laminate and intermediate shelf at every 300 mm made from 12 mm thick Moisture Resistant Grade commercial plywood finished with 1 mm laminate on exposed surfaces. All shutters shall be provided with one lock for two shutters, auto closing hydraulic hinges (2 nos. per shutter), brass catchers, 100 mm long S.S. brush finish handles, SS studs for intermediate shelf, 100 mm tower bolt. The item to include 10 mm thick lipping/teak patti to all edges and all exposed teakwood surfaces / wooden beading are to be finished with melamine polish shade matching with laminate colour			
	Grade Commercial Block Board finsihed with 1 mm thick laminate and matching edge binding tape on all sides. The side supports shall be made up from 19 mm thick Moisture Resistant Grade Commercial Block Board finsihed with 1 mm thick laminate. The back side shall be made from 12 mm thick Moisture Resistant Grade Commercial plywood finsihed with 1 mm thick laminate from outside. The storages shall have continuous vertical partitions at every 900 mm with 19 mm thick Moisture Resistant Grade Commercial Block Board finsihed with 1 mm thick laminate and intermediate shelf at every 300 mm made from 12 mm thick Moisture Resistant Grade commercial plywood finished with 1 mm laminate on exposed surfaces. All shutters shall be provided with one lock for two shutters, auto closing hydraulic hinges (2 nos. per shutter), brass catchers, 100 mm long S.S. brush finish handles, SS studs for intermediate shelf, 100 mm tower bolt.			

	The rate shall include providing all hardware as mentioned above			
	Grooves to be finished with woodtech filler (asian paints/ nerolac			
	paints) of matching shade to laminate			
	Note: Only front elevation shall be considered for area/ quantity			
	calculation and payment.			
	Low Height Storage up to 1200 mm bigh and 450 mm doon	Sa Mt	10.00	
а	Low Height Storage up to 1200 mm high and 450 mm deep	Sq.Mt.	18.00	
b	Pantry Storage (Shutters under Platform) 600 mm deep	Sq.Mt.	1.00	
0		Sq.ivit.	1.00	
с	Pantry Storage (Overhead Unit) 400 mm deep	Sq.Mt.	1.00	
		oq.m.	1.00	
	SUB TOTAL : V : STORAGE CUPBOARDS			
22	MISCELLANEOUS			
	Providing and fixing polyster based Digital Glass Deco Film (3M)			
а	laser cut as per design complete to the satisfaction of Bank's Engineer.	Sq.Mt.	8.00	
		-		
	Providing and applying white cement based Putty on new work of			
b	average thickness 1 mm, of approved brand and manufacturer over the	Sq.Mt.	150.00	
	plastered wall surface to prepare the surface even and smooth	- 1		
	complete as per the instructions of Bank's Engineer.			
	Droviding & applying the walls, sailing and alsowhere with <b>Plastic</b>			
	Providing & applying the walls, ceiling and elsewhere with <b>Plastic Emulsion Paint (roller finish)</b> with <b>'Tractor - plastic emulsion'</b> after			
	preparing the base by removing existing paint/ finish and applying 2-3			
	coats of birla white putty for making the surface plane & smooth and			
С	then applying 2 or more coats of plastic emulsion paint with final coat	Sq.Mt.	150.00	
	done with rollers as per manufacturer's specifications etc. complete to			
	the satisfaction of Bank's Engineer.			
	Providing and painting Synthetic Enamel Paint with 'Tractor -			
	<b>enamel'</b> after removing old paint & preparing the base for the same with primer and applying 2 or more coats of paint as per manufacturer's		43.00	
	specifications etc. complete to the satisfaction of Bank's Engineer.	Sq.Mt.	43.00	
	SUB TOTAL : VI : MISCELLANEOUS			
В	ELECTRICAL & ALLIED WORKS			
1	Wiring for light point/ fan point/ wall fan point/ exhaust fan/ light sockets			
	etc. with 1.5 sq.mm. PVC insulated 1100 V Grade copper conductor			
	(FRLS) wires & 1.5 sq.mm. copper earth wire in concealed/ surface			
	using 16 SWG MS conduits, accessories such as bends, tees, saddles,			
	draw boxes, mounting boxes, inner plates, cover plates, ceiling rose etc			
	(whereever required) and chromium plates brass screws/ rowel plug			
	etc. The circuit wiring starting from DB to point control box/ switch box using 2 X 2.5 sq.mm PVC insulated 1100 V grade multi- stranded			
	copper conductor wire & 2.5 sq.mm. PVC insulated 1100 v grade multi- stranded copper conductor wire & 2.5 sq.mm. PVC insulated earth wire (color			
	code to be used). (Flexible conduit/ elbow not allowed). The conduit to			
	be laid in ceiling with proper clamps/ wall/ floor and filing the chase			
	with cement mortar and finishing the same in original form/ wooden			
	partition/ above false ceiling with proper clamps etc. all complete.			
1				1
	(Wherever required as per standard specifications).			

	i) Each circuit shall have independent earth wire.			
	ii) Each point shall be earthed.			
	iii) Circuit wiring is to be included in point wiring rates.			
i	One light points controlled by one 6 amp. Modular switch	Nos.	12.00	
ii	Two light points controlled by one 6 amp. Modular switch	Nos.	12.00	
iii	Three light points controlled by one 6 amp. Modular switch	Nos.	4.00	
iv	Four light points controlled by one 6 amp. Modular switch	Nos.	4.00	
v	Five light points controlled by one 6 amp. Modular switch	Nos.	1.00	
vi	One call bell point with ceiling rose/ 6amp. 3 pin socket controlled by one 6 amp. Push Modular switch. With call bell	Nos.	1.00	
vii	One wall fan/ exhaust fan point controlled by one 6 amp. Modular switch. The switch should be at switchboard level	Nos.	13.00	
viii	One 5 pin socket controlled by one 6 amp. Modular switch complete assembly includes plate box etc.			
а	Dependent	Nos.	4.00	
ix	One ceiling fan point with step type regulator	Nos.	1.00	
x	Same as serial no 1 but using 2*2.5 + 1*2.5 Sqmm Copper Conductor FRLS wires from DB to first 6A, 5 Pin modular socket controlled by one 6A switch and looped to the nearest second point with same 2*2.5 + 1*2.5 Sqmm copper conductor wires FRLS insulated 1100V grade.			
а	Primary	Nos.	6.00	
b	Secondary	Nos.	15.00	
	5			
xi	Same as serial no 1 but using 2*2.5 + 1*2.5 Sqmm Copper Conductor FRLS wires from DB to first 16 Amp MCB two Nos. , for Glow sign Board.			
а	Primary Point	Nos.	2.00	
2	POWER POINTS			
	Same as serial no.1, but wiring for 16 Amp, 6-pin sockets by using $2^{*4}$ sq.mm. PVC insulated 1100 V grade copper conductor wire with independent 1* 4.0 sq.mm earth wire from D.B. to first point $1^{st}$ socket and $1^{st}$ to $2^{nd}$ , socket with 2*2.5 sq.mm. and 1*2.5 earth wire including providing and fixing of 16 Amp, 6 –pin socket with 16 Amp. Switch. (Modular type switch/ socket/ plate etc. complete assembly).			
a)	Primary point	Nos.	8.00	
b)	Secondary point	Nos.	8.00	
3(a)	Same as serial no.1, but wiring for A/C socket by using 2*4 sq.mm. PVC insulated 1100 V grade copper conductor wire and earthing with 1*4.0 sq.mm. PVC insulated 1100 V grade copper conductor wire with modular type AC box(tiny trip type) with socket complete in all respects controlled by 25/32 A SP MCB to be provided near indoor unit. The point starts from DB to stabilizer to the point near the indoor unit including top.		3.00	
1			1	

3(b)	Same as serial no.1, but wiring for A/C socket by using 2*6 sq.mm. PVC insulated 1100 V grade copper conductor wire and earthing with 1*6.0 sq.mm. PVC insulated 1100 V grade copper conductor wire of weather proof type 2 way SPN DB complete in all respects controlled by with 32 Amp (10 KA) MCB to be provided near outdoor unit. The point starts from DB to the point near the outdoor unit. Item to also include termination lid between MCB and outdoor unit.	Nos.	1.00	
3(c)	Same as serial no.1, but wiring for A/C socket by using 4*6 sq.mm. PVC insulated 1100 V grade copper conductor wire and earthing with 1*6.0 sq.mm. PVC insulated 1100 V grade copper conductor wire and weather proof type 4 way SPN DB complete in all respects controlled by with 40 Amp TPN (10 KA) MCB to be provided near outdoor unit. The point starts from DB to the point near the outdoor unit (includes wires for terminal connection of outdoor unit from TPN) including wiring to the terminals of the outdoor unit from weather proof box. Item to also include termination lid between MCB and outdoor unit.	Nos.	3.00	
4 a	<b>COMPUTER POINTS</b> Wiring with 2x2.5 sq.mm. + 1x2.5 sq.mm. PVC insulated 1100 V grade multi stranded copper conductor wires in 2 mm thick PVC conduit from UPS DB to computer point. Each point to have 3 nos. 6 amps. 5 pin modular type sockets, one 6 amps modular swtich with all accessories, inner/ outer plates, metal box etc. and to be fixed on wooden partitions/ by grouting on wall etc. as per requirement at site. The switch should be fixed above the top of counter with indicator and sockets under the counter.			
	Primary	Nos.	5.00	
	Secondary	Nos.	12.00	
b	Wiring with 2x2.5 sq.mm + 1x2.5 sq.mm PVC insulated 1100 V grade multi stranded copper conductor wires in 2 mm thick PVC conduit from UPS DB to computer point. Each point to have <b>1 nos. 16 amps 5 pin</b> <b>modular type sockets, 1 No's 16 amps modular swtich</b> with all accessories, inner/ outer plates, metal box etc and to be fixed on wooden partitions/ by grouting on wall etc as per requirement at site. The switch should be fixed above the top of counter and sockets under the counter. or as directed by the engineer incharge.		12.00	
	Primary	Nos.	2.00	
	Secondary	Nos.	2.00	
В.	CONDUITING FOR TELEPHONE, COMPUTER & CONDUITING, WIRING FOR T.V. SYSTEM.			
1.0	TELEPHONE SYSTEM			
	Wiring for VOICE from Jack Panel in data rack to computer workstation with Cat-6 voice cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for telephone socket with shutter, RJ 47 outlet, faceplate and mounting box complete of modular type. This work includes supply and laying of CAT-6 cable in PVC conduits throughout the lenght, from the I/O hub to the point.	Nos.	13.00	

				<b>.</b>
1.2	Supplying, laying, effecting terminations, testing and commissioning of 0.51 mm dia Cu. Conductor, twisted, colour coded with polythene capor barrier, telephone cables in the existing tray or in conduit including providing &fixing conduit pipe or cable tray as required from building tag block to the floor as required.			
a)	Supplying & fixing 10 pair krone tag block with enclosure.	Nos.	1.00	
2				
2.1	Wiring for computer networking from Jack Panel in data rack to computer workstation with Cat-6 computer cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type, This work includes supply and laying of CAT-6 cable in PVC conduits throughout the lenght, from the I/O hub to the point.	Nos.	16.00	
2.2	Supplying and fixing 9 U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & key).	Nos.	1.00	
2.3	Supply, Installation, Testing & Commissioning of 24 port Jack Panel.	Nos.	2.00	
2.4	Supplying and fixing Patch Cord-2 Meter- (DBPS Mounting Cord)	Nos.	16.00	
2.5	Supplying and fixing Patch Cord-1 Meter-	Nos.	29.00	
C.	CABLES, MAINS & SUBMAINS			
1	Supplying all materials and laying/ pulling 1100 volts grade PVC insulated copper conductor wires (FRLS) in MS conduit with all fixing accessories after cutting the floor, wall and the like etc. and replastering the floor level to original. Conduit must be 30 mm below the floor finish level.			
	$2 \times 6$ sq mm $\pm 1 \times 6$ sq mm	RM	45.00	
 ii	2 X 6 sq.mm. + 1 X 6 sq.mm. 2 X 4 sq.mm. + 1 X 4 sq.mm.	RM	25.00	
11	$2 \times 4$ Sq.mm. + 1 $\times 4$ Sq.mm.		25.00	
iii	Supplying, laying, testing & commissioning of 4 C X 16 sq.mm. at 1100 volts grade PVC insulated aluminium conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination acessories, Clamps etc. as required as per specification (, LIGHT PLUG DB, UPS Room & Power DB ).	RM	55.00	
iv	Supplying, laying, testing & commissioning of 4 C X 25 sq.mm. at 1100 volts grade PVC insulated aluminium conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination acessories, Clamps etc. as required as per specification ( AC DB).	RM	10.00	
vi	Supplying, laying, testing & commissioning of 4 C X 50 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable including cables end termination using appropriate Lugs, Glands, termination acessories, Clamps etc. as required as per specification	RM	40.00	
	(for Main Connection)			
D.	DISTRIBUTION BOARD			

	Supplying, installing, testing & commissiong of surface/ recessed mountings, Double door 415 volts TPN MCB distribution board of steel steel, 1.6mm thick dust phosphatized and painted, inclusive of 100 amps, tinned copper busbars, earthbar, common neutral link, din bar for mounting of MCB's detachable gland/ knock out plate & with built in loose wire boxl, and superior make terminal connectors for all incoming and outgoing circuits duly prewired with adequate size of PVC insulated copper wires between the bus bars and the MCB's as well as the incomer and upto the terminal connectors/ neutral link and ready for installation of following ways as required.			
	Use 'B' curve MCB's for lighting & small power circuits, 'C' curve for motor duty i.e. for pumps, AC motors, window and split AC's etc. & 'D' curve for UPS DB's i.e. for computers/ PC's circuit. Main incomer & outgoing circuit MCB's shall be selected accordingly i.e. type B,C & D. Contractor to select the MCB's accordingly as per the nature of the circuit/ load.			
	Each DB shall have separate neutral links of rating not less than 100A for each phase. The main incoming neutral link shall be in addition to three outgoing neutral links and shall be of 125 A.			
	UPS DB's shall have a dedicated Earthing link fixed on insulated supports, which will be in addition to body earth link.			
	All internal inter connecting wiring with in the DB's shall be PVC insulated flexible copper conductor wires of adequate capacity as per the current rating.			
	Inside each DB, a DB chart is to be fixed.			
а	6-way TPN DB (LIGHT DB & 6 A raw point )	No.	1.00	
	Incomer:- 1 No. 40 Amp TPN (10 KA) MCB with 40 A DP RCCB (100 MA) each phase			
	Outgoing:- 12 Nos.10/20 Amp (10 KA) SP MCB			
b	6-way TPN DB (POWER DB)	No.	1.00	
	Incomer:- 1 No. 40 Amp TPN (10 KA) MCB with 40 A DP RCCB (100 MA) each			
	phase Outgoing:- 12 Nos.10/20 Amp (10 KA) SP MCB			
		No	1.00	
С	8-way SPN DB (UPS INPUT) Incomer:-	No.	1.00	
	1 No. 63 Amp TPN			
	Outgoing:- 2 Nos.40 Amp DP MCB			
		NL-	1.00	
d	4-way V-TPN DB (AC) Incomer:-	No.	1.00	
	1 No. 63 Amp TPN 4 Pole (16KA) MCCB			
	Outgoing:-			
	3 Nos. 32 Amp (10 KA) TP MCB			

	3 Nos. 32 Amp (10 KA) SP MCB				
f	2-way SPN DB with 40 A DP MCB (For UPS Input / output )	No.	1.00		
g	12-way SPN DB (For UPS OUTPUT )	No.	1.00		
	Incomer:-				
	1 No. 40 Amp DP (10 KA) MCB with 40 A DP RCCB (100 MA)				
	Outgoing:-				
	8 Nos.6/10/16 Amp (10 KA) SP MCB				
h	12-way SPN DB (For ELOBBY UPS OUTPUT )	No.	1.00		
	Incomer:-				
	1 No. 40 Amp DP (10 KA) MCB with 40 A DP RCCB (100 MA)				
	Outgoing:-				
	6 Nos.6/10/16 Amp (10 KA) SP MCB				
i	12-way SPN DB (For ELOBBY Light& Power db)	No.	1.00		
	Incomer:-				
	1 No. 40 Amp DP (10 KA) MCB with 40 A DP RCCB (100 MA)				
	Outgoing:-				
	6 Nos.6/10/16 Amp (10 KA) SP MCB				
E	(LIGHT FITTINGS & ACCESSORIES)				
<u> </u>	Supplying, installation with hanging support, testing and commissioning		10.00		
i	FULL GLOW 2 X 2 LED 32 W slim Smart Panel of make As specified	Nos.	18.00		
ii	in tender document or approved by SBI/ Architect. Supplying, fixing, testing and commissioning of 15/18 W LED	Nos.	54.00		
П	commercial type down lighter of make As specified in tender document		54.00		
	or approved by SBI/ Architect.				
iii	Supplying, fixing, testing and commissioning of 20 W LED T 8 fitting	Nos.	8.00		
	make As specified in tender document or approved by SBI/ Architect.				
iv	LED Strip for cove lighting 15 W per 5 M with driver and necessary	Nos.	5.00		
	installation supporting fittings of Led strip light (5 mtr.) make as				
	specified in tender document or approved by SBI/ Architect.				
		<b>N</b> 1	40.00		
V	Wall mounted fans 400/450 mm dia. make As specified in tender	Nos.	10.00		
	document or approved by SBI/ Architect. (METAL BODY)	Nee	1.00		
vi	Ceiling fans 1200 mm dia. make As specified in tender document or approved by SBI/ Architect.	Nos.	1.00		
vii	Supply & fixing of 230 mm exhaust fan with louvers and plastic body	Nos.	3.00		
VII	with all accessories etc. complete of make As specified in tender		0.00		
	document or approved by SBI/ Architect.				
viii	Supplying, fixing, testing and commissioning of commercial type	Nos.	1.00		1
	SUSPENDED LIGHT FIXTURE Decorative Light ,Round 50W(approx)				
				1	1
	light of make As specified in tender document or approved by				
	• • • • • •				
	light of make As specified in tender document or approved by				

1	Supply, Installation, Testing and Commissioning of Maintenace Free Earthing system made up of copper-bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to- Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).		2.00	
2	Supply, Installation, Testing and Commissioning of Maintenace Free Earthing system made up of copper-bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod- to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).	Nos	2.00	
3	Providing and fixing of Copper/ GI strips in surface or in recess for			
i	loop earthing etc. as required. Providing and fixing 2 X 8 SWG dia. Cu earth wire in PVC conduit on surface or in recess for loop earthing along with the existing surface/ recess cable as required eith using of copper lug at end termination	RM	90.00	
G.	MAIN PANEL AND METER BOARD			
1	supply, installation, testing and commissionings of cubicle type floor/wall mounted L.T. Metal D.B of reputeded make with extendeble rotary handle and extended connecting links			
	1 No. 125 Amps,TPN MCCB (25 KA) with standard enclosure as per manufacturer specification or as approved by the architect/Bank's Engineer	Nos.	1.00	
2	Designing, fabrication, supply, installation, testing and commissionings of front operated cubicle type compartmentalised, front access, free standing on 75MM "[" MS channel, dust and vermin proof (IP 42 degree protection) panel suitable for use at 415V, 3 phase, 4-wire/XLPE Cable 50Hz system suitable for fault level of required value symmetrical at 415V fabricated from 2 mm thick CRCA MS sheets with hinged, gasketted (Metal based neoprene) locable doors having structural reinforcement including 3 mm thick gland plates on top and bottom, lifting hooks, GI earth strip of required size with 2 nos earth terminals, 1 nos 230V AC operated 250 mm X 250 mm size axial fans for exhaust of heat with On-Off toggle switches including 2 coated primer and 2 power coated paint fnish of approved shade over metal surface cleaned and treated with seven tank process complete with interconnections etc as per specifications as required.main panel board of approved make (Supertech Power Control/Zeniya/Amptech/Neptune) or Equivalent as approved by Architect /Bank.			
	Type of Approval as instructed by the SBI/ Architect). All live accessible parts shall be shrouded and all equipment shall be finger touch proof. The busbars insulation shall be with heat shrinkable sleeves SMC/ DMC shrouds and busbar supports shall be used. Padlocking facility shall be provided on all outgoing feeders doors and switch handles shall be locable in OFF position.			
	Suitable arrangement shall be made for termination of multiple incoming cables.			

	All kA values indicated shall be les brecking senset			[
	All kA values indicated shall be ics breaking capacity			
	GA drawings shall be got approved by Architect / SBI			
a.	Floor panel shall consists of : -			
	INCOMER FROM MAIN LINE			
	1 No. 125 Amps, TPN MCCB (25 KA) with extendeble rotary handle			
	each thermal over current, instantaneous, Short circuit realease,Earth			
	fault.			
	BUSBARS			
	150 amps TPN pole busbar chamber of suitable length with			
	copper busbars. All busbars and interconnections shall be of			
	suitable size copper strips.			
	Digital flush type class-1.0 accuracy multifunction meter			
	showing V, A, PF etc. with 3 Nos. current transformers of 125/5A ratio,			
	10 VA Class-1.0 metering 1 sets			
	Red/Blue/Yellow three phase indicating lamps with SP MCB backup			
	protection.			
	OUTGOINGS:-			
	1 Nos 40A TPN MCCB (16 kA) terminals suitable to receive cable on			
	one side and wire connection to Bus bars. For capacitor Bank ,			
	1 Nos 63A TPN MCCB (16 kA) terminals suitable to receive cable on			
	one side and wire connection to Bus bars. For AC VTPN,			
	one side and whe connection to bus bars. For AC VIEN,			
-				
b	INCOMER FROM MAIN PANEL BUS BAR			
	1no. 100 Amp 4-P On Load Change over switch with 1 No. 100 Amps,			
	TPN MCCB (25 KA) with extendeble rotary handle.			
	BUSBARS			
	125 amps TPN pole busbar chamber of suitable length with			
	copper busbars. All busbars and interconnections shall be of			
	suitable size copper strips.			
	INDICATING PANEL			
	Digital flush type class-1.0 accuracy multifunction meter			
	showing V, A, PF etc. with 3 Nos. current transformers of 100/5A ratio,			
	10 VA Class-1.0 metering 1 sets			
	OUTGOINGS:-			
	2 Nos 63A TPN MCB (10 kA) terminals suitable to receive cable on			
	one side and wire connection to Bus bars. (For PDB & UPS)			
	2 Nos 40A TPN MCB (10 kA) terminals suitable to receive cable on			
	one side and wire connection to Bus bars. (For LDB & Spare)			
	2 Nos 40A TPN MCB (10 kA) terminals suitable to receive cable on			
	one side and wire connection to Bus bars. (For ATM & BRANCH UPS )			
	3 Nos 40A DP MCB (10 kA) terminals suitable to receive cable on one			1
	side and wire connection to Bus bars. (For ATM & SIGNAGE,SPARE)			
	Side and wire connection to bus bars. (I OFATIVE & SIGNAGE, SPARE)			
	The electrical namelies described shows and enactive terms by	Sat	1.00	
	The <b>electrical panel</b> as described above and specifications complete.	Set	1.00	
				ļ
3	Supply, installation, testing and commissioning of 15 KVAR capacitor			
•	as following-			-

	Incoming- 40A 4pole MCCB, Outgoing- 6 stage power factor relay with	Set	1.00	
	3 nos. 50/5 current transformer for current sensing capasitor 1 KVR- 1 nos, 2 KVR- 2nos., 5 KVR- 2 nos. Contractors and TP MCB on each complete withphase indication and stage indication. MS cubical having ventilation with wiremesh, copper conductors and aluminium busbars			
	etc complete as per direction of Architect /Bank. (Selec/Neptune/ABB)			
Н	PUBLIC ADDRESS SYSTEM			
1	Supply and laying Wiring of 1.5 sq mm twin core shelded type of speaker cable with Providing and fixing in position the following <b>FRLS PVC conduits</b> including all accessories concealed/exposed in F.Ceiling/Wall complete as required including 1.6/2.0 mm thick PVC junction or pull boxes with 3mm thick perspex sheet cover plate complete with 1.6 mm dia G.I. pull wires in the length of conduit.	Nos.	4.00	
	including all accessaries.			
2	Supply, installation, testing and commissioning of following Philips (BOSCH) make Music Accessories / Equipments.			
a.	Ceiling Speaker Unit 6 Watts	Nos.	4.00	
b	Power Amplifier, min 70 Watts with output transformer etc. complete. Plena Range/ Ahuja or as approved by the Bank capable of taking Inputs from USB Also.	Nos.	1.00	
С	HVAC WORKS			
	SPLIT/ CASSETTE TYPE AIR CONDITIONERS			
1	Supplying, erection, testing and commissioning following wall mounted Split/ Root mounted cassette units of (Toshiba/ O-General/ LG/ Carrier) with cordless remote complete with all necessary fittings duly insulated with 9 mm thick nitrile rubber pipe insulation with <b>(All coils –</b> <b>copper only)</b> , fan and fan motor, machine control panel improved Refrigerant Joints, .Air conditioners shall be fitted with hermetically sealed type suction cooled reciprocating or discharge cooled rotary compressor or scroll compressor. Compressor unit operating on R32/ R- 410. All complete as per drawing, approval and instructions of the Architect/ Employer. <i>Item to include powder coated outdoor stands as per the manufacturer specifications.(Rates to be inclusive of</i> <i>Copper refrigerant pipe with insulation up to 3 Mtr length only for</i> <i>Each split AC Unit)</i> Note: All Outdoor Should be design at least 45 degree as per ambient temperature.		2.00	
а	1.0 TR split AC <b>5 star rating inverter type</b> including all necessary fittings and mountings as specified by the manufacturer	Nos.	2.00	
b	1.5 TR split AC <b>5 star rating inverter type</b> including all necessary fittings and mountings as specified by the manufacturer	Nos.	1.00	
С	2.0 TR Cassette <b>AC</b> Ceiling suspended Cassette with 4 way / round air flow including all necessary fittings and mountings as specified by the manufacturer.	Nos.	1.00	
d	3.0 TR Cassette <b>AC</b> Ceiling suspended Cassette with 4 way / round air flow including all necessary fittings and mountings as specified by the manufacturer.	Nos.	3.00	

2	EXTRA REFRIGERANT PIPING							
	Supplying and laying of Extra copper refrigerant piping with nitrile							
	rubber pipe insulation, both of size as specified by the manufacturer							
	suitable for 1.0/1.5/ 2.0 TR Split type AC and 2.0 TR/ 3.0 TR/4.0 TR							
	Cassette AC - From Indoor to outdoor Units (make as approved by							
	Architect/ Bank)	N /1+r-	25.00					
a b	For 1.5 TR/ 1.0 TR Split AC as specified by the manufacturer	Mtr. Mtr.	25.00					
a	For 3.0 TR/4.0 TRCassette as specified by the manufacturer	IVIU.	55.00					
3	DRAIN PIPING							
5								
	Providing and fixing drain piping up to drain as directed by the engineer							
	incharge with all accessories e.g. elbows, unions, sockets, reducers,							
	reducing tees, nipples etc. Complete job including cutting chiseling in							
	walls, floor and making good of all chases/ cuts etc. and discharging							
	the drain into a floor trap/ gully as per site conditions with insulation,							
	both as specified by the manufacturer (make as approved by Architect/							
	Bank).	N 44.						
a b	25 mm dia PVC drain pipe for Split AC	Mtr.	25.00					
b	32 mm dia PVC drain pipe for Cassette AC	Mtr.	40.00					
4	Providing and fixing of lockable caging for outdoor unit grouted on wall							
-	or on roof with open able shutter made of 10 X 10 mm MS square bars							
	placed vertically @ 6" c/c welded with 40 X 3 mm MS flat all- round.							
	Item includes all necessary hardware, priming coat, synthetic enamel							
	paint, hanger, clamps other accessories etc. All complete as per							
	approval and instructions of the Architect/ employer.							
a	For 1.0/ 1.5/ 2.0 TR Hi Wall split units	Nos.	3.00					
b	For 2.0/ 3.0/4.0 TR TR ceiling mounted cassette unit	Nos.	4.00					
5	Supplying and laying of Extra Electrical interconnecting control cable	Mtr.	30.00					
	from indoor to outdoor of size as specified by the manufacturer	iviti .	50.00					
	suitable for 1.0/1.5 TR Split type AC (make as approved by Architect/							
	Bank).							
6	Supplying and laying of Extra Electrical interconnecting control cables	Mtr.	60.00					
	from indoor to outdoor of size as specified by the manufacturer							
	suitable for 2.0T/ 3.0T /4.0 TR Cassette type AC (make as approved by							
	Architect/ Bank).							
7	Supplying, installation and commissioning of voltage stablizer of range 170-280 V for Acs (V-guard/ Livguard/ Kirnotics make as approved by							
	Architect/ Bank).							
	For 1.0 / 1.5 Tr. Wall mount (4 Kva)	Nos.	3.00					
8	Supplying, installation and commissioning of automatic 24 HRS.							
	programmable TIMER of required capacity to run A.C. alternately	Nos.	1.00					
	(MDS/ L&T/ make as approved by Architect/ Bank).							
9	Supplying, installation and commissioning of Drain Pump of required	Nos.	1.00					
	capacity to Drain out the water from indoor. SUMMARY							
	TOTAL Interior Furnishing Work (A)							
	Total Electrical & Allied Work (B)							
				Work (C)				
				SAY RS.				
	(Note : Tax should be paid extra as applica							