

**MAHAMAHAM BRANCH & ATM - INTERIOR, FURNISHING, ELECTRICAL, DATA CABLING AND AIR  
CONDITIONING WORKS FOR INDIAN BANK (KUMBAKONAM ZONE)**

**SUMMARY**

<b>SL.NO</b>	<b>PARTICULARS</b>	<b>AMOUNT (Rs.)</b>
1	BRANCH INTERIOR WORK	
2	BRANCH FIXTURES WORK	
3	BRANCH ELECTRICAL WORK	
4	BRANCH & ATM DATA CABLING WORK	
6	ATM INTERIOR WORK	
7	ATM ELECTRICAL WORK	
	<b>TOTAL</b>	

**ALL RATES ARE INCLUSIVE OF 18% GST**

MAHAMAHAM BRANCH & ATM - INTERIOR, FURNISHING, ELECTRICAL, DATA CABLING AND AIR CONDITIONING WORKS FOR INDIAN BANK (KUMBAKONAM ZONE)					
COST ESTIMATE / BILL OF QUANTITIES (INTERIOR)					
S NO	WORK DESCRIPTION	QTY	UNIT	RATE(Rs)	AMOUNT (Rs)
1	<b>PARTITIONS</b>				
a	<b>FULL HEIGHT &amp; HALF HEIGHT BLOCKED PARTITION</b>				
	Providing and Fixing full height double skin fully blocked partitions up to RCC ceiling height using aluminium hollow section of size 2"x 2" frame work having 2'x2' square grid on both sides covered with with 6mm plywood of approved make and Finished with 1.0 mm tk. laminates ( <b>as per standard - Bank approved colors</b> ) with necessary grooves of 1mm thick. The rate shall include the cost of providing 100mm wide skirting with 1mm tk. laminate (IB-Blue) at base and a 100mm wide border (IB-Blue) at the top including making necessary slots for cable conduits to pass through and all incidental materials etc., complete.	198.40	Sft		
b	<b>FULL HEIGHT PARTITION WITH GLASS PANELS FOR MANAGER CABIN-</b>				
	Providing full height double skin Partition with Partly Glass Panels using aluminium hollow section of size 2"x 2" frame work having 2'x2' square grid on both sides covered with with 6mm plywood of approved make and Finished with 1.0 mm tk. laminates ( <b>as per standard - Bank approved colors</b> ) with necessary grooves of 1mm thick. The rate shall include the cost of providing 100mm wide skirting with 1mm tk. laminate (IB-Blue) at base and a 100mm wide border (IB-Blue) at the top and shall include the cost of providing 10mm tk. Partitions frame is to be fixed properly to the roof slab, wood lipping with Teak wood finish to be fixed to fix the 12mm thk glass with etching for full height partition plain float glass with etching Designe to suitable sizes, including making necessary slots for cable conduits to pass through and all incidental materials etc., complete.	235.00	Sft		
c	<b>LOW HEIGHT PARTITION</b>				
	Providing low height double skin partitions along with Counter Divider partition wicket gate of the same type using aluminium hollow section of size 2"x 2" frame work having 2'x2' square grid on both sides covered with with 6mm plywood of approved make and Finished with 1.0 mm tk. laminates ( <b>as per standard - Bank approved colors</b> ) with necessary grooves of 1mm thick. The rate shall include the cost of providing 100mm wide skirting with 1mm tk. laminate (Black) at base& including making necessary slots for cable conduits to pass through and all incidental materials etc., complete.	75.00	Sft		
d	<b>CASH PARTITIONS ( BULK CASH CABIN SIZE 5'0"x8'0")</b>				

S NO	WORK DESCRIPTION	QTY	UNIT	RATE(Rs)	AMOUNT (Rs)
	Providing and Fixing full height upto 7' 3" from floor level, semi grided plywood partition for cash cabin, using aluminium sections of 2" x 2" size spaced at 2feet x 2feet c/c maximum for the frame work grid, fixed with 8mm plywood on both sides and lined with 1mm tk. laminate ( <b>bank approved laminates only</b> ) with necessary grooves of 1mm thick, The rate shall include the cost of providing 100mm wide skirting with 1mm tk. laminate (IB-Blue) at base and a 100mm wide border (IB-Blue) shade at the top and shall include the cost of providing wood lipping with teak wood finish ornamental aluminium grille to suitable sizes, including provision of opening at customer side and clerical side making necessary slots for cable conduits to pass through and all incidental materials etc., complete.	91.00	Sft		
<b>e</b>	<b>CASH CABIN TOP ALUMINIUM GRILL</b>				
	Providing and fixing in position readymade anodized alumium grill of approved design (7.5 mm thick 35mm x 25mm opening aluminum grill (AL 101)) fixed with suitable corner beadings, rubber beadings and quality fixed with continuous steam beech / teak wood beads of approved shape (finished 35 x 25 mm) all round polished (in cash cabin)	64.00	Sft		
<b>2</b>	<b>FRONT COUNTER 12MM GLASS</b>				
	Providing front glazing for cash cabin above counter from 3'9" to 7'0" height, and in between banking counters using 12mm thick plain glass including edge polishing & etching.	114.00	Sft		
<b>3</b>	<b>DOORS</b>				
<b>a</b>	<b>ENTRANCE DOOR</b>				
	To be made out of 12mm thk glass with etching as per design. The glass with etching has to be fixed with top & sides rails of 2½"x4" and bottom rails of size 2½" x 6". The rails to be made out of beech wood The door shall have 18" long s/s handle (as shown in the drawing ) and also double action floor spring of specified make. The door frame to be mde out of 5"x 2½" best quality beech wood. The etching in glass pattern to be done strictly following instructions of the Architect or following the drawing attached. The exposed wood of frames, rails to be polished as per instructions of the architect. NB: The size of the door may slightly vary as per site conditions for matching the elevation on the fixed glazing. All exposed edges of the glass to be machine polished. The rails are to be made as per the design of the architect. Bank Entrance door	42.00	Sft		
<b>b</b>	<b>FLUSH DOORS</b>				
	Safe Room (3'0"x7'0")	1.00	No		
	Record Room (3'0"x7'0")	3.00	No		

S NO	WORK DESCRIPTION	QTY	UNIT	RATE(Rs)	AMOUNT (Rs)
	Toilet Room (3'0"x7'0")	1.00	No		
	Ups Room (2'6"x5'0")	1.00	No		
<b>c</b>	<b>SEMIGLAZED DOORS</b>				
	Manager (3'0"x7'0")	1.00	No		
	Manager & B.Cash (2'6"x7'0)	2.00	No		
<b>d</b>	<b>WICKET DOOR</b>				
	Wicket Door (3'0"x4'0")	1.00	No		
<b>4</b>	<b>CHEQUE DROP BOX/COMPLAINT BOX (1'6" x 1'6" x 1'0")</b>				
	Providing cheque drop box/ Complaint/Suggestion 1'6" length, 1'0" wide and 1'6" height with 19mm tk. Plywood and lined with 1mm tk. Laminate(Fusion Maple - Wood finish) for top & exposed sides. Exposed edges of plywood shall be fixed with teak wood beading suitably polished and the back side shall be covered with 6mm tk. plywood. The inner sides shall be painted with two coats of enamel paint over a coat of primer & two coats of putty.	1.00	No		
<b>5</b>	<b>ROLLER BLINDS:</b>				
	Providing and fixing Roller blinds for all windows Colour and materials of approved make quality and colour shade and pattern selection by the Architect, Rates including material cost and labour charges etc. complete.	165.00	Sft		
<b>6</b>	<b>WALL/COLUMN PANELLING</b>				
	Aluminum section of size 2"x1" (grid 2'0"x2'0") frame work and covered with 8mm commercial plywood (one side fixing) finished in lamination. The paneling area given below the false ceiling level. Cost includes for aluminum frame to be extended and fitted up of roof ceiling. Size	0.00	Sft		
<b>7</b>	<b>FALSE CEILING ( GYPBOARD )</b>				
	Providing and fixing in position M/F suspended false ceiling to detail as per specification with GI frame work and 12.5mm tapered type gyp board panels conforming to IS: 2095 to form grids of 45.7x122cm as per manufacturers specification including provision for stepped shaped ceiling for light trough comprising. Frame work of intermediate channels (M.F.T) at 122cm centres along one direction M/F ceiling sections MF5 at 45.7cm centers along other direction. perimeter channels (MF 6A) along walls around perimeter side of the ceiling all to detail as per drg.	486.00	Sft		

S NO	WORK DESCRIPTION	QTY	UNIT	RATE(Rs)	AMOUNT (Rs)
	<p>The intermediate channels suspended from ceiling through strap hangers 25x0.5mm (MF 8) at 122cm centers connected to soffit cleats P534 (27x37x25x1.6mm) the cleats connected to ceiling through metal expansion rawl plugs ½" dia and 17/16" long with necessary bolts and nuts etc., All connected with additional perimeter channels (Mf 6A) for opening for light fixtures, vertical drops, offsets etc., where ever necessary all to detail and as per directions, 12.5mm thick gyp board with tapered edges and paper joint tapes for each joints fixed to underside of suspended grid with 25mm screws to form grids of 45.7x122cm varied along wall ends etc, including architectural boxing, moulding and painting the underside of gyp board with 2 coats plastic emulsion paint over a priming coat etc., complete.</p>				
<b>8</b>	<b>FALSE CEILING ( GRID CEILING )</b>				
	<p>Providing and fixing tile Grid ceiling of Mineral fiber ceilings of board with "Narrow Reveal edge Corner bevel" 14mm grid (Bolt Slot) section ) and RH99 (H1893M)" tile with "BEVELLED TEGULAR Suprafine 15 mm/ Silhouette grid section ) in aluminium powder coated sections supported from ceiling (4'0"x4'0"grid for support rods) with necessary GI framework of every 2'0"x2'0" grid junction, proper levelling and finished of the joints &amp; top surface as per manufactures specifications and all accessories, arrangements and etc. All edges shall be perfectly straight. Tile shall be carefully laid with neat arrangements like hand gloves and etc. Cost include replacement of damaged or stained tile. Cost include all necessary hardwares like nails, screws, wastages, transports, loading, unloading charges, labours, lead, lift, materials, tools and etc. Complete as per drawings and instructions of the Architect. APPROVED MAKE: ARMSTRONG</p>	486.00	Sft		
	<b>TOTAL AMOUNT</b>				<b>0.00</b>

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COST ESTIMATE / BILL OF QUANTITIES (FURNISHING)					
S NO	WORK DESCRIPTION	QTY	UNIT	RATE(Rs)	AMOUNT (Rs)
<b>1</b>	<b>MANAGER TABLE</b>				
	Manager table as per drawing done with structure made of 18mm plywood with drawer unit comprising of 1 drawer, 1 filing shelf fixed with pull out door ( box type hinges), locks, D type handles and all accessories to be provided.All drawers, corners, doors to be finished with beach wood lipping/beading, melamine polished., push in type keyboard, all drawers and key board on telescopic channels. All exposed edges Teak/beach wood beadings is finished with melamine polished and inside laminated with 0.8mm laminate. The table to be topped with 12mm float glass with beveling on all four sides. The side unit is provided with two drawers and filing shelf with two pull out doors, finished in same manner.CPU platform with foot rest to be provided. wall to table gap to closed with plywood.				
	Branch Manager 6'0"x2'6"	1.00	No		
<b>2</b>	<b>FRONT COUNTER AND BULK CASH COUNTER</b>				
	Providing and assembling banking counter and Cash,single window counter unit as shown in drawing of size not less than 5'0" x 2'6" x 2'6" or as per site requirements, with regular drawer 1 No. and shelves on one side, a keyboard drawer at centre and a platform for CPU onto other side for each counter as shown in drawing using 19mm thick commerical plywood lined with 1.0mm thick laminate(Bank approved colors) Cash and single window with 12mm thick glass (to be strictly followed) in front side for all the exposed surfaces, including providing skirting 4" wide with 1.0mm thk laminate (Indian Bank Blue) on both sides to match with the adjoining partition and 4" wide border at top with 1.0mm thk laminate (Indian Bank Blue).				
	All the plywood edges shall have teak wood lipping and all inner surfaces shall be painted with two coats of enamel paint over a coat of primer & two coats of putty. The rate shall include providing, fixing & painting a foot rest using first class seasoned country frame of size 3" x 1 1/2".Necessary hardware fittings like draw sliders, hinges, multipurpose locks with set keys, handles shall be provided.				
	Bulk cash & SWO	5.00	Rft		
	Working counters	23.00	Rft		
<b>e</b>	<b>STORAGE CUPBOARD</b>				

S NO	WORK DESCRIPTION	QTY	UNIT	RATE(Rs)	AMOUNT (Rs)
	Providing and fixing filing cabinet in manager cabin for a height of 2'6" & 7' ht. made of 18mm plywood structure comprising of suitable intermediate horizontal racks with open type doors, finished with 1mm laminate and teak wood beadings neatly melamine polished and inside finished with 0.8mm laminate with locks, handles and all accessories				
	Manager LHSC	12.50	Sft		
	B.Cash & SWO LHSC	10.00	Sft		
	Banking Hall FHSC	80.50	Sft		
	Banking Hall FHSC	37.50	Sft		
	Record Room FHSC	210.00	Sft		
	Record Room FHSC	0.00	Sft		
	Record Room FHSC	0.00	Sft		
	EB Wooden Box	16.00	Sft		
<b>4</b>	<b>WRITING LEDGE WITH 12mm GLASS TOP</b>				
	Made out 18 mm ply as per design and exposed external surfaces to be laminated and internal surface to be painted with top provided 12 mm thk etched glass with machine polished edges . The entire work has to be done to the satisfaction of the architect. The design given has to be strictly followed	1.00	No		
<b>5</b>	<b>NOTICE BOARD (4'0"x3'0")</b>				
	Providing and fixing of the soft board on the customer lobby made of jolly board with a fabric of B / R @ 200 / - per meter .The design and the entire work has to be done as per the instructions of the architect a the time of execution	12.00	Sft		
<b>6</b>	<b>ROLLING SHUTTER COVER BOX</b>				
	Supplying&fixingofRollingshuttercoverboxusing3mmthkAluminiumCompositePanelsofAlstrongorequivalentmakeovernecessaryframework.Thejointsformedbythejunctionoftwopanelsshallbefilledwithsiliconsealant,boxingwithaboveentrancepartitonandrollingshutterandfinishedAsperbankStandards (APPROVED SHADE - SILVER GREY)	30.00	Sft		
	<b>TOTAL AMOUNT</b>				

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**COST ESTIMATE / BILL OF QUANTITIES (ELECTRICAL)**

S NO	WORK DESCRIPTION	QTY	UNIT	RATE (Rs)	AMOUNT (Rs)
<b>A</b>	<b>SUPPLY INSTALLATION &amp; COMMISSIONING OF THE FOLLOWING</b>				
<b>1</b>	<b>MAIN DB (8WAY VTPN DB)</b>				
	Three Phase, Vertical Distribution board with neutral bar, earth bar, cables ties, top and bottom removable gland plate and with necessary adopter boxes if any. The DB should be IP 42 metallic double door with provision of MCB etc as required including cutting of wall and plastering the same with neat finish. It comprising as follows:-				
	Incomer :				
	100A TPN MCCB -1Nos				
	Outgoings:				
	63A TP MCB -4Nos				
	32/25/20A SP MCBs- 5Nos	Set	1		
<b>e</b>	<b>SUPPLY INSTALLATION &amp; COMMISSIONING OF THE FOLLOWING</b>				
<b>1</b>	<b>LIGHTING DB (4WAY TPN DB)</b>				
	Three Phase, Phase Segregated Distribution board with neutral bar, earth bar, cables ties, top and bottom removable gland plate and with necessary adopter boxes if any. The DB should be IP 42 metallic double door with provision of MCB etc as required including cutting of wall and plastering the same with neat finish. It comprising as follows:-				
	Incomer : 40A TPN MCB				
	Outgoings:				
	10/6A SP MCBs- 12Nos	Set	1		
<b>2</b>	<b>POWER DB (4WAY TPN DB)</b>				
	Three Phase, Phase Segregated Distribution board with neutral bar, earth bar, cables ties, top and bottom removable gland plate and with necessary adopter boxes if any. The DB should be IP 42 metallic double door with provision of MCB&ELCB etc as required including cutting of wall and plastering the same with neat finish. It comprising as follows:-				
	Incomer : 63A TPN MCB				
	Outgoings:				
	32/25/20A SP MCBs- 12Nos	Set	1		
<b>3</b>	<b>COMPUTER DB (10WAY SPN DB)</b>				
	10Way SPN Distribution board with neutral bar, earth bar, cables ties, top and bottom removable gland plate and with necessary adopter boxes if any. The DB should be IP 42 metallic double door with provision of MCB&ELCB etc as required including cutting of wall and plastering the same with neat finish. It comprising as follows:-				

S NO	WORK DESCRIPTION	QTY	UNIT	RATE (Rs)	AMOUNT (Rs)
	Incomer : 40ADP MCB				
	Outgoings:				
	10A SP MCBs- 6Nos	Set	4		
4	Supply&Installation of the following with the necessary enclosure and adopter boxes if necessary				
	a)63A TPN MCB	Set	2		
	b)63A DP MCB	Set	4		
5	Supply&Installation of 32A Metal Clad Socket with top in a specified company manufactured box with suitable rating MCB for AIR CONDITIONS	set	5		
6	Supply&Installation of 63A 4Pole Change over switch	set	1		
7	Supply and Fixing for 63A Phase Selector switch with enclosure and adopter boxes if necessary	set	2		
<b>C</b>	<b>LT CABLES</b>				
1	Supply&Laying of the following cables in built up trenches,on wall, or in the ground as per the case may be, with proper clamping with necessary fixing materials etc. Installing testing&commisioing of 1100V grede UG cable as per IS 7098/1554 ( Finolex/ Universal)				
	3.5Corex50Sqmm Aluminium Armored cable Main DB	Mtr	55		
	3.5Corex35Sqmm Aluminium Armored cable power DB	Mtr	55		
	3.5Corex16Sqmm Aluminium Armored cable LDB Main	Mtr	55		
2	End termination of following cable with double compression NFLP gland and crimping sockets, Lugs				
	3.5Corex50Sqmm Aluminium Armored cable Main DB	Set	2		
	3.5Corex35Sqmm Aluminium Armored cable power DB	Set	2		
	3.5Corex16Sqmm Aluminium Armored cable LDB Main	Set	4		
<b>D</b>	<b>WIRING</b>				
1	Providing and laying Light/Fan point wiring with 3 of 1.5 sqmm PVC insulated copper conductor to be laid in 2mm suitable PVC conduit with Bend,Couplings, etc.. and fixing with clamps screws etc.All conduits to be laid above the false ceiling/partition/concealed in the wall etc. Wiring to be connected with supply & Fixing of 6A Modular type switch(MK/ROMA) with suitable Modular plate and metal Box				
	One light Controlled by One Switch	Pts	11		
	Two light Controlled by One Switch	pts	10		
	6A Switch box Sockets in the switch board itself	Pts	12		
	Ceiling fan with regulator	Pts	5		
	wall bracket fan point (6A socket with 6A switch)	pts	10		
	Calling bell point with Calling bell instrument	Pts	1		
	Exhaust fan point	pts	3		

S NO	WORK DESCRIPTION	QTY	UNIT	RATE (Rs)	AMOUNT (Rs)
2	Supply & Wiring with Flame Retardant insulated PVC wire as per grade IS 994 for Circuits,Computer point,Power points within 2mm thk PVC conduits with necessary accessories and with proper clamps and to be concealed below the false ceiling It comprises as follows:-				
a	3 Runs of 2.5Sqmmcopper wire in PVC conduit for lighting circuit mains	Mtr	290		
b	3 Runs of 2.5Sqmmcopper wire in PVC conduit for Power points	Mtr	280		
c	3 Runs of 2.5Sqmm copper wire in PVC conduit for computer points	Mtr	265		
d	2 Runs of 4Sqmm copper wire+1.5Sqmm copper wire in PVC conduit A/C Wiring	Mtr	250		
e	2 Runs of 6Sqmm copper wire+2.5Sqmm copper wire in PVC conduit	Mtr	55		
f	4 Runs of 6Sqmm copper wire+2.5Sqmm copper wire in PVC conduit	Mtr	50		
<b>E</b>	<b>POWER POINT OUTLETS</b>				
1	Supply&Installation of 3 Nos of 6A Sockets controlled by 2of 5A Switches with front plate with enclosure and other accessories etc.. <b>(MK /ROMA)</b>	Set	16		
2	Supply&Installation of 1Nos of 6A Socket controlled by 1No 6A Switch with front plate with enclosure and other accessories etc.. <b>(MK /ROMA)</b>	Set	11		
3	Supply&Installation of 1Nos of 16A Socket controlled by 1No 16A Switch with front plate with enclosure and other accessories etc.. <b>(MK /ROMA)</b>	set	9		
<b>F</b>	<b>LIGHTING FIXTURES</b>				
1	Supply, Fixing & Commisioning of Recess mounting type compact vertical Flat Panel 34W LED fitting in Down Rods with white finish and other fixing accessories. <b>(Crompton, Wipro,Philips)</b>	set	14		
2	Supply, Fixing & Commisioning of Recess mounting type compact vertical round shaped 1x15W LED downlighter fitting with white finish and other fixing accessories., <b>(Crompton, Wipro,Philips)</b>	set	18		
3	Supply&Fixing of Patti Type LED 20Watts Fiittings <b>(Crompton, Wipro,Philips)</b>	Set	8		
4	Supply&Fixing exhaust fan <b>(Crompton, Almonard)</b>	set	3		
5	Supply&Fixing & Commisioning of wall mounting Steel Metal Fan with necessary Down Rods and with all fixing accessories., <b>(Crompton / Havells)</b>	Set	10		
6	Supply&Fixing & Commisioning of 48" ceiling fan with necessary Down Rods and with all fixing accessories., <b>(Crompton / Havells)</b>	Set	5		
35	Supply , installation , testing and commissioning of the following LED Strip lights 15W per 5m with driver and necessary installation fittings	RFT	30		
<b>G</b>	<b>EARTHING</b>				

S NO	WORK DESCRIPTION	QTY	UNIT	RATE (Rs)	AMOUNT (Rs)
1	Providing dedicated earthing with 600x600x3.15 mm copper plate along with 50mm dia.10feet long G.I pipe with other accessories in the earth filled with necessary salt,charcoal,etc. It should be covered with G.I Manhole cover with necessary civil works.etc..	Set	2		
2	Supply & Laying of 10 Sqmm PVC Insulated Multi strand copper conductor laid in 25mm dia PVC pipe for Dedicated earth leads from the earth electrodes to the UPSsystem	Mtr	35		
3	Providing general earthing with 50mm dia.10feet long G.I pipe with other accessories in the earth filled with necessary salt,charcoal,etc. It should be covered with G.I Manhole cover with necessary civil works.etc..	Set	1		
4	Supply&Laying of 8SWG copper wire	Mtr	60		
<b>F</b>	<b>TELECOMMUNICATION</b>				
1	Supply&Laying of 2 Pair Telephone Cable within PVC Conduit and its necessary accessories etc..	Mtr	300		
2	Supply&Laying of 20Pair Telephone Cable within PVC Conduit and its necessary accessories etc..	Mtr	250		
3	Supply&Installation of RJ II Jack with necessary Face plate and Box for connecting telephone points	Set	14		
4	Supply & fixing of 10 pair KRONE Box with lock and key	Set	1		
	<b>TOTAL AMOUNT</b>				

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**COST ESTIMATE / BILL OF QUANTITIES (DATA CABLING)**

<b>S NO</b>	<b>WORK DESCRIPTION</b>	<b>QTY</b>	<b>UNIT</b>	<b>RATE</b>	<b>AMOUNT</b>
	<b>DATA CABLING</b>				
1	Supply&Laying of CAT 6 Data Communication cable in 2mm thk heavy duty 20mm dia PVC conduit and makinng holes in the aluminium partititions/wall all accessories as required (DI ink)	410.00	Mtr		
2	Supply&Installation,Testing&Commisioing of Modular type 1Nos of RJ45 Female Jack housed in GI anodised metal box with suitable Faceplate fixing the same in the wall/partitions with all accessories etc. as required.	14.00	Set		
3	Supply and fixing of 1M Mounting Cord	14.00	Set		
4	Supply and fixing of 2M Mounting Cord	14.00	Set		
5	Supply&Installation of 24por cat6 SWITCH	1.00	Set		
6	Supply and installation of 24port cat 6 jack panel	1.00	Set		
7	Supply and installation of 9u wall mounting rack	1.00	Set		
	<b>TOTAL AMOUNT</b>				

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**COST ESTIMATE / BILL OF QUANTITIES (ATM INTERIOR)**

S NO	DESCRIPTION	QTY	UNIT	RATE (Rs)	AMOUNT (Rs)
<b>1</b>	<b>FULLY GLAZED ALUMINIUM PARTITION &amp; DOOR</b>				
<b>a</b>	<b>FRONT BOTH SIDE FIXED PARTITION:</b>				
	Providing and fixing Fully glazed partition in <b>ATM Entrance</b> , made of <b>aluminium MRF vapocured twin style frame</b> work of size:-58 x38mm, 20 micron of <b>IB-Black</b> colour finished with <b>10 mm thk float glass</b> with derk silicon (SAINT GOBAIN or MODIGUARD) up to the false ceiling level.Support to be done to the rcc ceiling, but measurements would be taken below the false ceiling level only.	50.00	Sft		
<b>b</b>	<b>ENTRANCE DOOR (Size : 3'6"x7'0")</b>				
	Providing and fixing of Fully glazed door for ATM entrance, made of <b>aluminium MRF vapocured twin style frame</b> of size:- 100 x 50 mm, 20 micron of approved colour finished with <b>10 mm edge polished glass</b> with silicon (SAINT GOBAIN or MODIGUARD) up to the 7'0" height, door to be provided with dorma make <b>12" SS handle, lock and door closure(approved make) &amp; stopper</b>	40.00	Sft		
<b>2</b>	<b>ACP WALL PANELLING</b>				
	Providing and fixing Wall Panelling using 3mm thk Aluminium Composite Panels of Alstrong or equivalent make over necessary frame work. The joints formed by the junction of two panels shall be filled with silicon sealent. The Wall Panelling / Boxing shall be erected 75 mm above the Highest False Ceiling Level. However, only exposed portions below the Highest False Ceiling Level shall be considered for payment. Pattern of wall panelling to be got colour approved from the Bank.	239.00	Sft		
<b>3</b>	<b>GYPBOARD FALSE CEILING</b>				
	Providing and fixing in position M/F suspended false ceiling to detail as per specification with GI frame work and 12.5mm tapered type gyp board panels conforming to IS: 2095 to form grids of 45.7x122cm as per manufacturers specification including provision for stepped shaped ceiling for light trough comprising. Frame work of intermediate channels (M.F.T) at 122cm centres along one direction M/F ceiling sections MF5 at 45.7cm centers along other direction. perimeter channels (MF 6A) along walls alround perimeter side of the ceiling all to detail as per drg.	40.00	Sft		

S NO	DESCRIPTION	QTY	UNIT	RATE (Rs)	AMOUNT (Rs)
e	The intermediate channels suspended from ceiling through strap hangers 25x0.5mm (MF 8) at 122cm centers connected to soffit cleats P534 (27x37x25x1.6mm) the cleats connected to ceiling through metal expansion rawl plugs ½" dia and 17/16" long with necessary bolts and nuts etc., All connected with additional perimeter channels (Mf 6A) for opening for light fixtures, vertical drops, offsets etc., where ever necessary all to detail and as per directions, 12.5mm thick gyp board with tapered edges and paper joint tapes for each joints fixed to underside of suspended grid with 25mm screws to form grids of 45.7x122cm varied along wall ends etc, including architectural boxing, moulding and painting the underside of gyp board with 2 coats plastic emulsion paint over a priming coat etc., complete.				
4	<b>MINERAL FIBRE BOARD GRID CEILING</b> Providing and fixing the Grid ceiling of mineral fiber ceilings of board with "Narrow Reveal edge Corner bevel" 14mm grid (Bolt Slot) section ) and RH99 (H1893M)" tile with "BEVELLED TEGULAR Suprafine 15 mm/ Silhouette grid section ) in aluminium powder coated sections supported from ceiling (4'0"x4'0"grid for support rods) with necessary GI framework of every 2'0"x2'0" grid junction, proper levelling and finished of the joints & top surface as per manufactures specifications and all accessories, arrangements and etc. All edges shall be perfectly straight. Tile shall be carefully laid with neat arrangements like hand gloves and etc. Cost include replacement of damaged or stained tile. Cost include all necessary hardware like nails, screws, wastages, transports, loading	40.00	Sft		
5	<b>ATM SOCKETS COVER BOX (1'0"x1'0"x0'6")</b> All ATM Sockets, IO Box to be covered using 12mm plywood structure with 1mm thk lamination finish (matching ACP color	3.00	Nos		
6	<b>PIN-UP NOTICE BOARD</b> Providing & fixing Pin-up Board of approx size of 600mm x 800mm made of textile wrapped on 12 mm thick soft board with 6 mm	1.00	Nos		
7	<b>WRITING DESK</b> Writing desk to be done as per plan with 12mm glass topped with pigeon holes made with 18mm plywood structure with additional boxing as per design,	1.00	Nos		
8	<b>CHEQUE DROP BOX/ COMPLAINT</b> Providing cheque drop box/ Complaint/Suggestion 1'6" length, 1'0" wide and 1'6" height with 19mm tk. Plywood and lined with 1mm tk. Laminate(Fusion Maple - Wood finish) for top & exposed sides. Exposed edges of plywood shall be fixed with teak wood beading suitably polished and the back side shall be covered with 6mm tk. plywood. The inner sides shall be painted with two coats of enamel paint over a coat of primer & two coats of putty.	1.00	Nos		
9	<b>ROLLING SHUTTER COVER BOX</b> Supplying&fixingofRollingshuttercoverboxusing3mmthkAluminium CompositePanelsofAlstrongorequivalentmakeovernecessaryframe work.Thejointsformedbythejunctionoftwopanelsshallbefilledwithsiliconsealant,boxingwithaboveentrancepartitionandrollingshutterandfinishedAsperbankStandards (APPROVED SHADE - SILVER GREY)	74.00	Sft		
	<b>TOTAL</b>				

**MAHAMAHAM BRANCH & ATM - INTERIOR, FURNISHING, ELECTRICAL, DATA CABLING AND AIR CONDITIONING  
WORKS FOR INDIAN BANK (KUMBAKONAM ZONE)**

**COST ESTIMATE / BILL OF QUANTITIES (ATM-ELECTRICAL)**

S NO	WORK DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<b>A</b>	<b>MAINS &amp; DISTRIBUTION BOARDS</b>				
1	Supply, erection, testing and commissioning of three phase 4 WAY, TPN MCB DB double door vertical type, IP 42 powder coated with 40A TPN MCB – 1No as INCOMER 32A DP MCB-1No For UPS 10/25/32A – 4No.s as OUTGOING Including all interconnections & accessories etc	1.00	No		
<b>e</b>	<b>POWER CABLES &amp; CONDUIT WIRING</b>				
	Supplying, laying, testing & commissioning of PVC / LT insulated 1.1KV grade aluminium armoured conductor cables of the following sizes, laid in trenches below ground level/ clamped on to the walls as per site condition.				
a	3.5C x 25Sqmm aluminium armoured PVC cable	17.00	mtr		
<b>C</b>	Supplying and terminating the end of cables of the following sizes using Siemens type single compression cable glands, crimping type aluminium / copper sockets of required size, gland earthing clips etc., complete.				
a	3.5C x 25Sqmm aluminium armoured PVC cable	2.00	No		
<b>D</b>	<b>AIR CONDITIONING WIRING &amp; ACCESSORIES</b>				
1	Supply&Installation of 32A Metal Clad Socket with top in a specified company manufactured box with suitable rating MCB for AIR CONDITIONS	2.00	No		
2	Wiring in position 2 runs of 4.0 sq.mm. cable and 1 run of 2.5 sq.mm cable for earth from Main D.B. to 2 Nos split air – conditioners in P.V.C. conduit pipes including chasing in walls / floor wherever necessary.	24.00	Mtr		
<b>E</b>	<b>UPS WIRING &amp; ACCESSORIES</b>				
1	Supply, erection, testing and commissioning of single phase 6 WAY, SPN MCBDB double door type, IP 42 powder coated for UPS and Emergency Lighting with 40A DP MCB – 1No as INCOMER 10A SP MCB – 4Nos. as OUTGOING Including all interconnections & accessories etc., complete.	1.00	Set		
2	Wiring in position 2 runs of 6.0 sq.mm. cable and 1 run of 4.0 sq.mm cable for earth from Main D.B. to UPS and UPS to UPS DB.	10.00	Mtr		

S NO	WORK DESCRIPTION	QTY	UNIT	RATE	AMOUNT
3	Wiring in position 3 runs of 2.5.sq.mm cable for circuits from UPS.Lighting,Raw power required places in P.V.C. Conduit pipes including chasing in walls / floor wherever necessary	35.00	Mtr		
4	Supply,fixing, testing & commissioning of 2No. 16A multi pin socket outlet in UPS circuit controlled with 1No. 16A one way switch in a steel sheet enclosure with 8 module top plate including dummies and incidental materials etc.,	2.00	No		
F	<b>LIGHTING WIRING</b>				
	Supply,fixing, testing & commissioning of the following switch controls in steel sheet enclosure including 3 runs of 1.5sqmm, steel sheet enclosure & modular top plate and all incidental materials etc., complete.				
1	One light Controlled by One Switch	1.00	No		
2	1 No. 6A socket controlled by single switch	2.00	No		
G	<b>LIGHTING &amp; FIXTURES</b>				
1	SFTC for the following light fittings with required hardwares such as suspension wires from ceiling, false ceiling, anchor fasteners, chains, bolts, nuts etc., complete.				
a	36 watts LED light fitting with 2'X2'	1.00			
b	15 watts LED round fitting with LED as	4.00	No		
c	20watts LED Patty fitting	1.00	No		
H	<b>DATA POINT</b>				
1	Supply&Laying of CAT 6 Data Communication cable in 2mm thk heavy duty 20mm dia PVC conduit	38.00	mtr		
2	Supply&Installation,Testing&Commisioing of Modular type 1Nos of RJ45 Female Jack housed in GI anodised metal box with suitable Faceplate fixing the same in the wall/partitions with all accessories etc. as required.	2.00	No		
I	<b>EARTHING</b>				
1	Providing earthing two numbers , One for ATM and another for AIR-CONDITIONERS including excavating the P.C.C. floor/ earth to 6'0" depth and providing earthing with 50mm dia. G.I. pipe with perforations connected through copper wire including copper flat including copper plate of size 300mm x 300mm, G.I. bolts and filled up with layers of charcoal, salt and earth. (Earth provided for computers shall not be used for any other purpose)	1.00	No		
2	Supplying and laying of 6 Sqmm multi stranded copper wire for UPS earth in suitable PVC conduit with all incidental materials etc., complete.	18.00	Mtr		
<b>TOTAL AMOUNT</b>					