

Punjab Sind Bank

**Proposed Interior Furnishing, Electrical Installation and Air
Conditioning Works for Punjab Sind Bank at Dindigul Branch .**

Grand Summary

S No	Description of Item	Tender Values
I	Interior Furnishing works	
II	Electrical Installation works	
III	HAVC works	
IV	CCTV works	
V	ATM works	
VI	Fire Alarm System	
	GRAND TOTAL in Rs: (Excludes GST)	

Proposed Interior Furnishing, Electrical Installation and Air Conditioning Works for Punjab Sind Bank at Dindigul Branch .

Bill of Quantity - Interior works					
S. No	Description	Qty	Unit	Quoted Value	
				Rate	Amount
1	FALSE CEILING				
a	Gypsum Ceiling				
	Providing and fixing suspended Gypboard false ceiling, which includes providing & fixing GI perimeter channels of size 27mm, 0.5mm thick having one flange of 20mm & another flange of 30mm along with perimeter of the ceiling, screws fixed to brick wall / partitions with the help of rawl plugs & screws. Then suspending GI intermediate channels of size 45mm, 0.9mm thick with two flanges of 15mm each from the soffit at 1200mm centers with steel GI hanger of which 25mm, 0.5mm thick fixed to soffit with GI cleat & steel expansion fasteners. Ceiling section of 0.5mm thickness having knurled wedge of 51.5mm and two flanges of 25mm each with leafs of 10.5mm are then fixed to the intermediate channel with the help of connecting clips and in direction perpendicular to the intermediate channel at 450mm centers. 12.5mm tapered edge gypboard is then screwed fixed to ceiling section with 25mm dry wall screws at 230mm centers screw fixing will be done mechanically either with screw driver or drilling machine with suitable attachment. Finally the tapered and squared edges of the boards are jointed at finished to give a flushed finish with requisite jointing compound, paper tapes, finished and premier suitable for Gypsum plaster boards. The entire work shall be finished as per instructions of the Architect. No extra cost shall be entertained in completing the job in all respect. The ceiling to be finished with 2 coats of approved colour of plastic emulsion paint over a primer coat.	552	Sft		
b	Grid Ceiling (2'0" x 2'0")				
	Providing and fixing in true horizontal level false ceiling grid of Prelude exposed 24 mm grid system with 15mm manufactured by Approved Make by Architect. Using hot dipped chemically cleaned capping prefinished in baked polyester galvanized steel section exposed surface paint wall angle of size 3000 x 19 x 19mm used in the periphery of the ceiling fixed to the wall partition RC column band walls with the help of screw at 600mm C/C. main runner of size 3000x15x32mm suspended at 1200mm C/C by using 2mm/3mm dia GI wire hanger securely fixed to the structural soffit of RC slab by using 6mm anchor fastener at every 1200mm (max) and 1200mm long cross tee of size 15 x 32mm to be interlocked between in main runner at 600mm C/C. (max) to form a grid of 1200 x 600mm. long cross tee of size 15 x 32 fixed In between 1200 mm long cross tee for forming a grid of 600 x 600mm. Finally laying Armstrong Lay - in Fine fissured 99 Board edge Ceiling with Perforated (standard) tile of Trulok Edge manufactured by M/s Armstrong world Industries Ltd.,	252	Sft		
2	PARTITIONS				
	Note: The contractor shall be paid for the partition area upto to the false ceiling bottom only and the rate shall be inclusive of frame work for the partition above false ceiling and upto RC ceiling level.				
a	FULL HEIGHT SOLID PARTITION				
	Providing Full height partitions of height 9'9" made of of 2"x1" with 1.5" thcik Aluminum frame work finished with vertically at every 600 mm c/c and horizontal frame at bottom, 3'0" level, 1'6" level and 10' 6". The frame work to be cladded on both sides with 8mm thick commercial plywood and finished with 1 mm thick decorative laminate. The partition to be provided with TW skirting of size 3" x 3/4" on both sides and finished to desired wood effect by application of melamine polish after initial surface preparation. The rate also includes flush doors of size: 3' 0" x 7' 0" wherever necessary as shown in the drawing which includes supply, fabrication, fixing with all necessary accessories all with brass finish and other hardwares. The work to be completed as per design and approval of the Architect.	355	Sft		

S. No	Description	Qty	Unit	Quoted Value	
				Rate	Amount
b	SEMI GLAZED PARTITION				
	The partition with 8mm thk. clear float glass with etching and Bank Logo (as per design) shall be provided above 3'-0" from GFL upto 7'-0", embedded into partition with 1 1/4" thk white beach or white cedar wooden moulding with natural polish for both sides. 1/2" X 3" high white beach wood skirting as per design should run along with the entire bottom length of partition on both sides with natural polish. (Rate to calculated upto False ceiling Ht. The rate also includes flush doors of size: 3' 0" x 7' 0" wherever necessary as shown in the drawing which includes supply, fabrication, fixing with Door Closer, Stopper and all necessary accessories all with brass finish and other hardwares. The work to be completed as per design and approval of the Architect.	103	Sft		
c	FULL HEIGHT BLOCKED PARTITION WITH LAMINATE FINISH ON ONE SIDE & CEMENT FIBRE BOARD WITH TWO COATS OF PRIMER ON ONE SIDE				
	Providing Full height partitions of height 10'5" made of 2"x1" with 1.5" thick Aluminum frame work finished with vertically at every 600 mm c/c and horizontal frame at bottom, 3'0" level, 1'6" level and 10' 6". The frame work to be cladded on one sides with 8mm thick commercial plywood and finished with 1 mm thick decorative laminate and other side cladded by cement fibre board. The partition to be provided with TW skirting of size 3" x 3/4" on both sides and finished to desired wood effect by application of melamine polish after initial surface preparation. The rate also includes flush doors of size: 3' 0" x 7' 0" wherever necessary as shown in the drawing which includes supply, fabrication, fixing with all necessary accessories all with brass finish and other hardwares. The work to be completed as per design and approval of the Architect.	359	Sft		
d	FULL HEIGHT BLOCKED PARTITION WITH GRILLS				
	In strong Rooms - Providing and fixing partition in position as per design with 2"x1" with 1.5" thick Aluminum frame work finished with vertically at every 600 mm c/c. The frame work will be cladded with 6mm thk BWR plywood both sides up to 7 ft level and to be finished with 1.0mm Thk Laminate as per design with adhesive. 3" x 1/2" Thk white beach or white cedar skirting as per design should run along with the entire bottom length of partition on both sides with natural polish. Above 7 ft to roof bottom made up of wooden frames with Aluminium grills for ventilation. The rate also includes flush doors of size: 3'0" x 7' 0" wherever necessary as shown in the drawing which includes supply, fabrication, fixing with top and Middle Lock with all necessary accessories all with brass finish and other hardware's. The work to be completed as per design and approval of the Architect.	85	Sft		
g	GLAZED PARTITION				
	The partition with 12mm thk Fully Toughened glass with etching and bank Logo (as per design) shall be provided with powder coated aluminium frame. (Rate to calculated upto False ceiling Ht. The rate also includes flush doors of size: 3' 0" x 7' 0" wherever necessary as shown in the drawing which includes supply, fabrication, fixing with all necessary accessories all with brass finish and other hardwares (ATM). The work to be completed as per design and approval of the Architect.	130	Sft		
h	WOODEN PANELLING (For ATM , BM Cabin- back logo)				
	Providing and fixing panelling on wall. Framing shall consist of Heavy duty Aluminium Box Sections 50mm x 25 mm @ 600mm c/c Both ways horizontally and vertically on the wall. This framing would be covered by 8mm thk. comm. Ply finished in approved 1.0 mm. Thk. Laminate / Veneer finished in melamine polish. Wooden moulding, lipping etc. as directed by Bank / architect shall be provided wherever required.	485	Sft		
3	MAIN DOOR				
a	Doors: Main Entrance Door: To be made out of 12mm thk Fully Toughened glass with etching and Bank Logo as per design. The door shall have 18" long S/S handle and also double action floor spring of specified make. The Bank Logo and etching in glass pattern to be followed strictly as per instructions of the Architect or following the drawing attached. NB: Size of the door (6'0"x7'0") may slightly vary as per site conditions for matching the elevation of the fixed glazing. All exposed edges of the glass to be machine polished.	97	Sft		

S. No	Description	Qty	Unit	Quoted Value	
				Rate	Amount
b	WICKET DOOR				
	Providing & fixing solid core flush door of 32mm thk with 1.0mm Laminate on both sides. A door frame of salwood section covered by 3" X 1 1/2" white beach or white cedar beeding same size as frame with natural polish shall be provided. The rate shall be inclusive of brass hinges, screws, handle, cylindrical locks (golden, Godrej), door closer, door stoppers, etc. The work to be completed as per drawing and approval of the architect.				
	(i) Size :- 4' 0" x 3' 6"	1	Nos		
4	FRONT GLASS RUNNING COUNTERS				
	Supply and fixing of 10mm thick Flat Arch Glass B/R Rs250/Sft in front counters. In glass all the edges moulded in bull nosing and it should be fitted with hard wood beading at both the ends to with stand the glass and the wooden surfaces finished with natural wood finish. the glass should have a etching , logo, and opening as mentioned in the drawing or a size of 0'6" x 0'9". The rates inclusive of all fittings and accessories etc.	49	Sft		
5	TABLES AND COUNTERS:				
	Fabricated out of 19mm plywood for all exposed sides, front and top ,and all sides finished with 19mm table top. Inside part shutters and bottom of keyboard tray, drawers to be finished with approved shade of enamel paint only. All other surfaces to be finished with laminate. The table top will have a 10mm glass with edge machine polished for Manager Table. The table to be done as per drawing. The base of drawers shall be made out of 6mm thk Ply, sides and back of 12mm thk ply and front made out of 18mm ply. It also provide with a key board tray made with 18mm Plywood and 1mm laminate on top and bottom. All drawers will have Godrej multipurpose locks and 4" S.S handle of approved make. The drawers and key board tray shall run on sliding channels / efficient gadgets and all table tops shall have provision for wire managers of approved shade instructions given by the Architect at the time of execution. All exposed edges of ply to be finished with Teak wood mouldings of approved design and polish of approved shade /colour respectively. Legrest should also be provided as per Architect's design.				
a	Manager Table (6'0" X 3'0") with 10MM thk glass top.	1	Nos		
b	Running working counter with top 2'6" wide (19mm thk)	14	Rft		
c	Cash Counter				
	Cash with top B/R @250/- Sft. Working top will be 2'-6"ht and customer top will be at 3' 9" including thickness of the top (12mm thk). One cash tray to be provided. Rest of the cash counter as per specifications and drawings attached in the tender and specification same as counter specification specified above. All clarifications to be taken before quoting the prices & no extra cost shall be entertained at the time of execution. The first drawer of the cash shall have dividers for keeping different coins and cash notes. The rate inclusive of supply and laying of 12mm thk Postforming top for both the working top and customer top.	5	Rft		
6	STORAGES:				
	Providing and fixing of 19 mm thk ply for Top. Sides, front shutters finished with for 1mm thk laminate . For all exposed external surface with necessary lipping at front Inside of the storage to be enamel painted. The rates includes godrej multipurpose lock. 4"S.S handles, hinges etc. are as per in the drawing.				
	L.H.S (L:6'0"x B:1'6"x H:4'0") at Banking area	24	Sft		
	F.H.S (L:11'0"x B:1'6"x H:7'0") at Banking area	217	Sft		
7	JUMBO NOTICE BOARD:				
	Providing & fixing of Soft Board on the customer lobby made of jolly board with a fabric of B/R 250/- per metre. The design and the entire work has to be done as per the instructions of the Architect at the time of execution.	48	Sft		

S. No	Description	Qty	Unit	Quoted Value	
				Rate	Amount
8	WRITING LEDGE:				
	Fabricated out of 19mm ply for sides and back 6mm thk ply to be provided, all exposed areas to be finished with laminate 1.0mm thk of approved shade and make for both ledge and with drop box and Complaint Box. The same shall have provision for keeping brochure/slips. The entire work to be carried out as per tender drawings attached and no extra cost shall be provided in completing the same in all respect.	1	Nos		
9	CHEQUE DROP BOX :				
	Fabricated out of 19mm ply for sides and back 6mm thk ply to be provided, all exposed areas to be finished with laminate 1.0mm thk of approved shade and make for both ledge and drop box. The same shall have provision for keeping brochure/slips. The entire work to be carried out as per tender drawings attached and no extra cost shall be provided in completing the same in all respect.	1	Nos		
11	BOXING FOR ROLLING SHUTTER				
	Providing & fixing ¾" BWR ply boxing for the rolling shutters. Necessary wooden framing shall be provided. The boxing shall be finished on all exposed sides by 1mm laminate and internally with enamel paint. Note : rate shall include all necessary hardware fittings, etc.	141	Sft		
12	Glass Shelves (NRANCH HEAD CABIN & DISPLAY) 120x30cm				
	Providing and fixing 12mm thick clear toughened glass shelves with polished edges, fixed using SS (Stainless Steel) glass brackets with necessary hardware, cutting to required sizes and edges as per site conditions, including all labour, materials, tools, and scaffolding complete as directed.	50	sqft		
12	DRESSING MIRROR WITH DRAWER UNIT				
	Providing and fixing dressing table made out of mirror of size 1' 6" x 3' 0" using 12mm thk. Comm. Ply on back with 6mm thk. clear Mirror (First quality) approved make, fixed on the wall and tray of size 1' 6" x 1' 6"x 6" with one drawer for cosmetics. The mirror and ply should be fitted in Steam beach wooden moulding of size 25mm x 25mm finished with melamine. Rate shall include necessary fixtures and hardware fittings for dressing mirror & drawer unit. (Measurement is measured only for mirror)	1	No		
13	KEY BOX				
	Providing and fixing key box of size 1' 6"x1' 6"x 6" with all sides and back with 18mm thick comm. Ply wood and lockable glass shutters in 18mm ply , with 5 mm glass. Necessary hooks to be provided inside the box. All exposed areas and inside to be finished with 1 mm thick laminate of approved shade. The edges of shutter and box to be lipped with steam beach beeding polished with melamine. Rate shall be inclusive of all necessary approved fittings like hinges, locks, hooks etc. and any necessary hardware items.	1	No		
14	Plywood / Bison board covering (window Covering)				
	Providing and fixing plywood / bison board covering on any opening / window / ventilator etc. The opening should be covered by 8mm thick MR Grade plywood / 10mm Bison board and finished with emulsion paint / laminate of approved colour and shade as necessary. Rate includes all necessary stiffeners, fixtures, cross pieces etc	40	Sft		
15	ENAMEL PAINTING				
	Painting Entrance grill gate , Rolling Shutter and Window Grills etc.,using synthetic enamel paint two coats of approved colour including all frameworks and related elements after removing the existing paint with sand paper and thereafter cleaning the surface including all labour charges, material charges etc complete.	374	Sft		
16	BANKING HALL PAINTING WORK				
	Providing and applying the Asian Paints premier interor emulsion approved equivalent grade paint. The surface to be painted shall be provided with one coat necessary putty to level the surface and to be applied with one coat of wall primer. Thereafter emulsion paint to be applied in two coats. The rate includes cost of all materials, labour, scaffolding, ladders charges, storing & safeguarding the labour in all heights.	2395	Sft		
	Interior work Total				

<u>Proposed Interior Furnishing, Electrical Installation and Air Conditioning Works for Punjab Sind Bank at Dindigul Branch .</u>					
<u>Bill of Quantity - Electrical works</u>					
S. No	Description	Qty	Unit	Quoted Value	
				Rate	Amount
I	Electrical Works				
A	Light Point Wiring				
B	Main Supply (Primary Distribution) Mcb db, Panel Board				
C	Power Cable & Conduit Wiring				
D	Rawpower Socketes ,Ac Sockets Wiring				
E	UPS Wiring& Acessories works				
F	Light Fitting Supply & Erections				
G	Earthing				
H	Television & Telephone & Lan Wiring ,Miscellianeous				
	Total For Elecctrical Works Amount				
	GRAND TOTAL (ELECTRICAL WORKS)				
A	Light point Wirng				
	Supply and run of 3Rx1.5 sq.mm. FRLS pvc multistrand Copper wire in suitable FRLS PVC conduit, having 6A modular switch on modular PVC/GI box for the following points				
1	Primary point	20	Pts		
2	Secondary point	35	Pts		
3	1 fan controlled by step type regulator with switch	3	Pts		
4	wall fan point including 5A socket with control switch	5	Pts		
5	Exhaust fan point	3	Pts		
6	1 No. 6A socket controlled by single switch in switch board	7	Pts		
7	1No. Buzzer with bellswitch incl. wiring connections	1	Pts		
8	one light points Control By 2 Nos. 6Amps Two way Switch	1	Pts		
9	Supply and laying 2x2.5 + 1 x 2.5 sq.mm. PVC insulated copper for lighting circuit main.	130	Mtr		
	Total Amount For Light Point works				
B	Main Supply (Primary Distribution) Mcb db, Panel Board				
1	MAIN VTPN DB				
	8 WAY TPN VDB PANEL: ITEM WISE RATE TO BE QUOTED FOR SUPPLY & INSTALLATION				
	Three Phase, 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 double door with provisioin of MCB & MCCB etc. as required including cuting of wall and plastering the same with neat finish. It comprising as flolows:-				

S. No	Description	Qty	Unit	Quoted Value	
				Rate	Amount
	INCOMER:				
	100A TPN MCCB with 25KA breaking capacity- 1 No				
	OUTGOING :				
	40A TP MCB - 1 No. - for ATM				
	32A TP MCB - 5 Nos. - LDB, PDB & 3TR A/C				
	32A /25/16A SP MCB - 6 Nos.	1	No.		
	CHANGE OVER SWITCH FOR UPS & LIGHTING LOAD				
2	Supply and installation of 32 A 4PMCB in sheet steel enclosure on wall mounting angle iron frame work and including top & bottom cable boxes to receive incoming & outgoing cables.	1	Nos.		
3	Supply and installation of 40A 4P on-load changeover switch in sheet steel enclosure on wall mounting angle iron frame work and including top & bottom cable boxes to receive incoming & outgoing cables.	1	Nos.		
4	Supply and fixing 4way TPN DB double door having 32A 4p ELCB WITH 100mA-1 No. as incomer with 6A - 12Nos , SP MCBs with suitable rated cu. Bar connection including interconnection.& junction box as necessary Required job etc.(For Lighting Load)	1	Nos.		
5	Supply and fixing 4way TPN DB double door having 32A 4p ELCB WITH 100mA-1 No. as incomer with ,25 A SP -4 No, 16A SP - 3 Nos, 10A,SP -5 Nos MCBs with suitable rated cu. Bar connection including interconnection.& junction box as necessary Required job etc.(For A/C & Power Load)	1	Nos.		
6	MAIN DB FOR UPS & LIGHTING LOAD				
	Supply, Installation, testing and commissioning of 4 way VDB TPN Distribution board with the following:- 1No -32A 4P MCCB as Incomer and Outgoings:- 3 Nos of 32A TP MCBs and 1 No of 32A TP MCBs with necessary insulated copper bus bars, Neutral Links, earth Links and interconnections with suitable PVC insulated copper conductor wires.	1	No.		
7	Supply and installation of 32 A 4PMCB in sheet steel Out door enclosure on wall mounting angle iron frame work and including top & bottom cable boxes to receive incoming & outgoing cables. For - AC UNITS	0	Nos.		
	Total Amount For Panel Board works				
C	Power Cable & Conduit Wiring				
	Supplying, laying, testing & commissioning of PVC / LT insulated 1.1KV grade armoured conductor cables of the following sizes, clamping on to the wall as per site condition.				
1	3.5c x 50 Sq .mm Al. XLPE,Ar Cable	40	Mtrs.		
2	4c x 16 Sq .mm Al. XLPE,Ar Cable	15	Mtrs.		

S. No	Description	Qty	Unit	Quoted Value	
				Rate	Amount
3	4c x 10 Sq .mm Al. XLPE,Ar Cable	15	Mtrs.		
4	4R X 6 Sqmm. & 2R X 2.5 Copper Cable in a suitable PVC FRLS conduits	15	Mtrs.		
5	3R X 6Sqmm. Copper Cable in a suitable PVC FRLS conduits (UPS OUTGOING)	20	Mtrs.		
6	4c x 6 Sq .mm CU. XLPE,Ar Cable	0	Mtrs.		
	Termination				
	Terminating, Connecting and Commissioning of the above under Ground cables with compression type SIBG Cable glands.The cost of earthing gland with copper strips/wires shall also be included. The cables shall be terminated with aluminium lugs after crimpin				
1	3.5c x 50 Sq .mm Al. XLPE,Ar Cable	2	Nos.		
2	4c x16 Sq .mm Al. XLPE,Ar Cable	2	Nos.		
3	4c x 10 Sq .mm Al. XLPE,Ar Cable	2	Nos.		
4	4R X 6 Sqmm. & 2R X 2.5 Copper Cable in a suitable PVC FRLS conduits	2	Nos.		
5	3R X 6 Sqmm. Copper Cable in a suitable PVC FRLS conduits	4	Nos.		
6	4c x 6 Sq .mm CU. XLPE,Ar Cable	0	Nos.		
	Total Amount ForPower Cable & Conduit Wiring				
D	Rawpower Socketes ,Ac Sockets Wiring				
1	Supply and run of 2 runs of 4.0 sq.mm. For phase,netural and 1 run of 2.5 sq.mm for earth PVC multistrand FRLS wire from Main D.B. to split air – conditioners in P.V.C. conduit pipes including chasing in walls / floor wherever necessary.	110	Mtrs.		
2	Supply and run of 3 runs of 2.5 sq.mm.phase,Netural, earth PVC multistrand FRLS wire from Main D.B. to 6Amps & 6/16A Sockets for Works station Points in P.V.C. conduit pipes including chasing in walls / floor wherever necessary.	200	Mtrs.		
3	Supply and fixing of 25 A switched socket with indicators in modular box For Split A/c control.	3	Nos.		
4	Supply and fixing of 16A switched socket with indicators in modular box For utility	4	Nos.		
5	Supply and fixing of 6A switched socket with indicators in modular box For work stations.	8	Nos.		
	Total Amount ForRawpower Socketes ,Ac Sockets Wiring				
E	UPS Wiring& Aecessories works				
1	Supply and fixing of 32 A 4P. MCB as input control in separate steel sheet enclosures and necessary connections.	2	Nos.		

S. No	Description	Qty	Unit	Quoted Value	
				Rate	Amount
2	Supply and fixing of 32 A Three phase selector switch with indicators in separate steel sheet enclosures and necessary connections.	2	Nos.		
3	Supply and fixing of 32 A DPMCB as input control in separate steel sheet enclosures and necessary connections.	2	Nos.		
4	Supply, erection, testing and commissioning of single phase 12WAY, SPN MCBDB double door type, IP 42 powder coated for UPS and Emergency Lighting with (d-curve) 32A DP MCB – 1No as INCOMER, 10A SP MCB – 6 Nos., 25ASP MCB - 1Nos as OUTGOING Including all interconnections & accessories etc.,	1	Nos.		
5	Supply and run of 3 runs of 2.5 sq.mm.phase, Natural, earth PVC multistrand FRLS wire circuits from UPS. D.B. to required places (work stations) in P.V.C. conduit pipes including chasing in walls / floor wherever necessary	130	Mtrs.		
6	Supply, fixing, testing & commissioning of 3Nos. 6A. 2/3 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., for work stations.	6	Nos.		
	Total Amount For UPS wiring & Accessories Works				
F	Light Fitting Supply & Erections				
	Notes : As per Site Conditions with necessary job etc.				
1	Supply and fixing of 2' x 2'36 - W LED Fitting. CRCA fabricated enclosure with polycarbonate diffuser and illumination area minimum 380 mm suitable for Surface /recessed mounting POP/T Grid. Phillips / Wipro / CromptonGreaves/Elenserve make in false ceiling with necessary accessories required for the job.	7	Nos.		
2	SITC of 15 watt recess mounted LED down lighter with assembly complete with including making necessary connections etc. Complete as reqd.	26	Nos.		
3	4 feet 1 X 18 W LED tube light cool white 6000 K with integrated driver working range from 90 - 260 V AC , PF>0.9 Fitting with necessary accessories required for the job.(Locker, cash, record rm)	9	Nos.		
4	2 feet 1 X 10 W LED tube light cool white 6000 K with integrated driver working range from 90 - 260 V AC , >0.9 Fitting with necessary accessories required for the job.(Toilet & Mirror Light)	2	Nos.		
5	Supplying, fixing and Commissioning of wall mounting fan. Make: Crompton greaves – SDX 120 model	5	Nos.		
6	Supply and installation of 9" size medium duty exhaust fan. (Toilets) Almonard make	2	Nos.		
7	Supply and installation of 12" size medium duty exhaust fan. (UPS Room) Almonard make	1	Nos.		
8	Supply and fixing of 48" 1200mm ceiling fan high speed Crompton greaves make in anchor hook for mounting fan	3	Nos.		

S. No	Description	Qty	Unit	Quoted Value	
				Rate	Amount
9	Supply Installation, testing & commissioning of LED STRIP light with driver and 3/4" Aluminum Channel Accessories complete as required				
	Warm white/ Natural White Led Strip	0	Mtrs.		
	Total Amount For Light Fitting Works.				
G	Earthing				
1	Providing and fixing of chemical earth electroad made out of 50mm dia class-B Asahalock or equevalent 2m length with copper plate made out of 600x600x3.15 mm tinned copper plate along with one number 40x5mm tinned copper strip grazed with the plate buried vertically with top edge of the plate at a depth of 1500 mm with arrangements for termination of copper strip of earth continuity conductor including cost of charcole,saltoreign soil, water pouring arrangements brick massionry encloser on top with R.C.C cover complete with labour and material as per direction of Engineer-in-charge	2	Nos.		
2	Supplying,laying and connecting 1Rx6 sq.mm. FRLS pvc multistrand Copper wire in suitable FRLS PVC conduit, open fashion with necessaryclamps, screws, etc. as earth link.	40	Mtrs.		
3	Supplying,laying and connecting 300mm.long 25 x 3 mm.Copperflat with SMC/ DMCInsulators in open fashion with necessaryclamps, screws, etc. as earth link.	2	Nos.		
4	Supplying,laying,connecting 10SWG bare enamelled copper wire already laid PVC Conduits with necessary clamps, screws etc.	50	Mtrs.		
5	Supplying,laying,connecting 8SWG bare enamelled copper wire already laid PVC Conduits with necessary clamps, screws etc.	50	Mtrs.		
	Total Amount For Earthing Works				
H	Television & Telephone & Lan Wiring ,Miscellianeous				
	Television Wiring				
1	Supply and fixing of RG 6 , television socket, 3 x 6A socket & 16 Amps switch outlet in modular box.	1	Nos.		
2	Supply and run of RG 6 type CO - axial cable	25	Mtrs.		
	Telephone Wiring				
3	Supply and fixing of RJ 11, telephone socket, outlet in modular box.	6	Nos.		
4	Supply and run of 2 pair telephone cable in suitable PVC conduit from telephone outlet	195	Mtrs.		
	Lan Wiring				
5	Supply and run e-cat 6, 6pair 0.5 sqmm data cable for computers in separate PVC conduit pipes including chasing in walls / floors from hub to necessary stations.	200	Mtrs.		
6	Supplying, fixing testing commissioning of RJ-45 data sockets in separate enclosure including all incidental materials etc., complete.	6	Nos.		

S. No	Description	Qty	Unit	Quoted Value	
				Rate	Amount
7	Supply, fixing, testing & commissioning of 9U Hub Rack with Power Cord and accessories	1	Nos.		
8	Supply, fixing, testing & commissioning of jack panel 24 Port..	1	Nos.		
9	Supply, fixing, testing & commissioning of 24 port switch 10/100 Mbps including connections.	1	Nos.		
10	Supply and installation of 1 m long patch chord.(CAT 6)	6	Nos.		
11	Supply and installation of 2 m long patch chord. (CAT 6)	6	Nos.		
	Miscellaneous				
13	Temporary for Lightpoints,Workstation wiring & Data Cable Laying With All Necessary Required job etc.	1	L/S		
14	Buyback old and unwanted materials. (to be deduct)*				
	Total Amount For Television & Telephone & Lan Wiring , Miscellaneous				

Proposed Interior Furnishing, Electrical Installation and Air Conditioning Works for Punjab Sind Bank at Dindigul Branch .					
Bill of Quantity - CCTV works					
S. No	Description	Qty	Unit	Quoted Value	
				Rate	Amount
	CCTV WORKS				
1	Supply and run e-cat 6, 6pair 0.5 sqmm data cable for computers in separate PVC conduit pipes including chasing in ceiling / walls / floors from hub to necessary stations.	225	Mtrs.		
2	Supply of Hikvision turbo HD IR Outdoor Bullet Camera 20Mtrs range	QRO	Nos.		
3	Supply of Hikvision turbo HD IR Indoor Dome Camera 20Mtrs range with 180 days back up with necessary requirements	9	Nos.		
4	Supply of Hikvision HD 16 Channel DVR	1	Nos.		
6	Supply of 6TB HDD	1	Nos.		
7	Supply of 20Ams 12V DC Power Supply for Cameras	1	Nos.		
8	Supply of BNC Connectors & DC Pin Connectors for Cameras & DVR	1	Nos.		
9	Supply of 9U Wallmount Rack with Accessories	1	Nos.		
	Installation Charges				
10	Laying of CCTV Cat - 6 Cable Through out PVC Conduits	175	Mtrs.		
11	Camera Fixing & Termination	9	Nos.		
12	DVR Installation and remote view	1	Nos.		
13	9U Wallmount Rack Fixing, Patching and Dressing	1	Nos.		
	GRAND TOTAL (CCTV - WORKS)				

Proposed Interior Furnishing, Electrical Installation and Air Conditioning Works for Punjab Sind Bank at Dindigul Branch .

Bill of Quantity - ATM works					
S. No	Description	Qty	Unit	Quoted Value	
				Rate	Amount
I	Electrical Works				
A	Light Point Wiring				
B	Main Supply (Primary Distribution) Mcb db,				
C	Power Cable & Conduit Wiring				
D	Rawpower Socketes ,Ac Sockets Wiring				
E	UPS Wiring& Aecessories works				
F	Light Fitting Supply & Erections				
G	Earthing				
H	Lan Wiring				
	Total For Elecctrical Works Amount				
	GRAND TOTAL (ATM ELECTRICAL WORKS)				
A	Light point Wirng				
1	Supply and run of 3Rx1.5 sq.mm. FR pvc multistrand Copper wire in suitable FRLS PVC conduit, having 6A modular switch on modular PVC/GI box for the following points				
2	Primary point	2	Pts		
3	Secondary point	2	Pts		
4	1 No. 6A socket controlled by single switch in switch board	1	Pts		
5	Supply and laying 2x2.5 1 x 2.5 sq.mm. PVC insulated copper for lighting circuit main.	20	Mtr		
6	Wiring for Name Board lighting circuit using 3R 4.0 sqmm PVC insulated multi stranded single core copper conductor FRLS wire in 20mm PVC conduit to be on wall complete with all accessories.	10	Mtr		
	Total Amount For Light Point works				
B	Main Supply (Primary Distribution) Mcb db				
1	Supply, Installation, Testing and Commissioning of 4WAY VERTICAL TYPE TPN MCBDB Double door type, IP 42 powder coated comprising of "C" curve MCB's for ATM DB Incomer - 40 A 4P MCB - 01 No,Outgoing - (A)10 A SP MCB - 3 Nos.,20 A SP MCB - 3 Nos.,40 A DP MCB - 2 Nos.	1	Nos.		
	Total Amount For Mcb Board works				
C	CABLES				
	Supplying, laying, testing & commissioning of PVC / LT insulated 1.1KV grade armoured conductor cables of the following sizes, clamping on to the wall as per site condition.				
1	4c x 10 Sq .mm Al. XLPE,Ar Cable	45	Mtrs.		
	TERMINATIONS				
	Terminating, Connecting and Commissioning of the above under Ground cables with compression type SIBG Cable glands.The cost of earthing gland with copper strips/wires shall also be included. The cables shall be terminated with aluminium lugs after crimpin				
2	4c x 10 Sq .mm Al. XLPE,Ar Cable	2	Nos.		
	Total Amount ForPower Cable & Conduit Wiring				

S. No	Description	Qty	Unit	Quoted Value	
				Rate	Amount
D	Rawpower Socketes ,Ac Sockets Wiring				
1	Supply and run of 2 runs of 4.0 sq.mm. For phase,netural and 1 run of 2.5 sq.mm for earth PVC multistrand FRLS wire from Main D.B. to split air – conditioners/ 16Amps Sockets in P.V.C. conduit pipes including chasing in walls / floor wherever necessary.	30	Mtrs.		
2	Supply and fixing of 25 A switched socket with indicators in modular box For Split A/c control.	2	Nos.		
	Total Amount For Rawpower Socketes ,Ac Sockets Wiring				
E	UPS Wiring& Acessories works				
1	Supply and fixing of 40 A 4P. MCB as input control in separate steel sheet enclosures and necessary connections.	2	Nos.		
2	Supply and fixing of 40 A Three phase selector switch with indicators in separate steel sheet enclosures and necessary	1	Nos.		
3	Supply and fixing of 25 Amp Automatic change over switch for connecting branch UPS and ATM UPS metal sheet enclosure with necessary Interconnections, cable box,brackets, screws,bolts,nuts,etc.	1	Nos.		
4	Supply and fixing of 40 A DPMCB as input control in separate steel sheet enclosures and necessary connections.	2	Nos.		
5	Supply & Laying of 2 runs of 6.0 Sqmm and single run of 2.5 sqmm, PVC insulated, single core, multistranded copper conductor cable in suitable rigid PVC conduit from UPS output to UPS DB contol switch and to UPS DB.	10	Mtrs.		
6	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 (d-curve) 32A DP MCB – 1No as INCOMER 10A SP MCB – 4 Nos. as OUTGOING, Including all interconnections & accessories etc.,	1	Nos.		
7	Supply and run of 2 runs of 4.0 sq.mm. For phase,netural and 1 run of 2.5 sq.mm for earth PVC multistrand FRLS wire from Main D.B. to 16Amps Sockets in P.V.C. conduit pipes including chasing in walls / floor wherever necessary.	40	Mtrs.		
8	Supply and fixing of 16A switched socket with indicators in modular box For ATM	2	Nos.		
	Total Amount For UPS wiring & Acessories Works				
F	Light Fitting Supply & Erections				
1	SITC of 15 watt recess mounted LED down lighter with assembly complete with including making necessary connections etc. Complete as reqd.	4	Nos.		
2	Supply Installation, testing & commissioning of LED STRIP light with driver and 3/4" Aluminum Channel Accessories complete as required Warm white/ Natural White Led Strip	0	Mtrs.		
	Total Amount For Light Fitting Works.				
G	Earthing				
1	Providing and fixing of chemical earth electroad made out of 50mm dia class-B Asahalock or equevalent 2m length with copper plate made out of 600x600x3.15 mm tinned copper plate along with one number 40x5mm tinned copper strip grazed with the plate buried vertically with top edge of the plate at a depth of 1500 mm with arrangements for termination of copper strip of earth continuity conductor including cost of charcole,saltoreign soil, water pouring arrangements brick massionry encloser on top with R.C.C cover complete with labour and material as per direction of Engineer-in-charge	2	Nos.		

S. No	Description	Qty	Unit	Quoted Value	
				Rate	Amount
2	Supplying,laying and connecting 1Rx6 sq.mm. FRLS pvc multistrand Copper wire in suitable FRLS PVC conduit, open fashion with necessary clamps, screws, etc. as earth link.	15	Mtrs.		
3	Supplying,laying and connecting 300mm.long 25 x 3 mm.Copper flat with SMC/DMC Insulators in open fashion with necessary clamps, screws, etc. as earth link.	1	Nos.		
4	Supplying,laying,connecting 10SWG bare enamelled copper wire already laid PVC Conduits with necessary clamps, screws etc.	30	Mtrs.		
	Total Amount For Earthing Works				
H	Lan Wiring				
1	Supply and run e-cat 6, 6pair 0.5 sqmm data cable for computers in separate PVC conduit pipes including chasing in walls / floors from hub to necessary stations.	75	Mtrs.		
2	Supplying, fixing testing commissioning of RJ-45 data sockets in separate enclosure including all incidental materials etc., complete.	2	Nos.		
3	Supply and installation of 1 m long patch chord.(CAT 6)	2	Nos.		
4	Supply and installation of 2 m long patch chord. (CAT 6)	2	Nos.		
	Total Amount For Lan Wiring				

Proposed Interior Furnishing, Electrical Installation and Air Conditioning Works for Punjab Sind Bank at Dindigul Branch .					
Bill of Quantity - F.A.S works					
S. No	Description	Qty	Unit	Quoted Value	
				Rate	Amount
A	FAS WORKS				
B	BURGULAR ALARM WORKS				
	GRAND TOTAL (ELECTRICAL WORKS)				
	FASWORKS				
1	Supplying, installation, testing & commissioning of heat detector operating at 54°C/57°C with rate of rise cum fixed temperature (dual thermistor) type with mounting base complete with all connection etc. as required.	1	Nos.		
2	Supplying, installation, testing & commissioning of smoke detector with builtin LED and mounting base complete with all connections etc. as required	12	Nos.		
3	Supplying, installation, testing & commissioning response indicator on surface/recess MS box having two LEDs metallic cover complete with all connections etc. as required.	4	Nos.		
4	Supplying, installation, testing & commissioning of manual call boxes of MS construction in surface/recess with stainless steel chain & hammer assembly complete with glass and push button etc. as required	1	Nos.		
5	Supplying, installation, testing & commissioning fire alarm sounder with facility to make announcement, mounted in M.S. box (16 SWG) with hinged cover plate & suitable for operation with amplifier i/c line matching transformer etc. complete as required.	1	Nos.		
6	Supplying, installation, testing & commissioning sector panel suitable for following zones, complete with visual indications for short circuit fault, open circuit fault, fire condition and all other standard facilities as per IS:2189 with mimic diagram for all area/zone covered, complete with all connections,interconnections as required.				
	8 Zone	1	Nos.		
	CABLING WORKS				
9	Supply and wiring with 2C x 1.5 sq.mm FR twisted pair shielded,1.1KV grade PVC insulated unarmoured copper conductor cable, PVC overall sheathed cable in already laid conduit with interconnections complete as required and as directed by EIC.(For fire detector)	175	Mtr		
	GRAND TOTAL (FAS - WORKS)				
	Burgler Alarm works				
1	Providing and fixing of Burglar Alarm system covered in Door magnetic contact sensor, PIR sensor,Panic switch, sounder , Cable & conduits. (Make :-Securico/Texecom or equivalent)	1	Nos.		
	GRAND TOTAL (BURGULAR ALARM - WORKS)				

Proposed Interior Furnishing, Electrical Installation and Air Conditioning Works for Punjab Sind Bank at Dindigul Branch .					
Bill of Quantity - HVAC works					
S. No	Description	Qty	Unit	Quoted Value	
				Rate	Amount
	HVAC WORKS				
1	Supply and installation of 1.0TR Capacity high Wall Split Air Conditioner 5 Star Rated (voltas /carrier / blue star/ Samsung) including 4KVA Voltage stablizer installation of out door units complete including all civil Works	3	Nos.		
2	Supply and installation of 2.0TR Capacity high Wall Split Air Conditioner 5 Star Rated (voltas/carrier / blue star/Samsung) including 4KVA Voltage stablizer installation of out door units complete including all civil Works	2	Nos.		
3	Supply and installation of Ms (Mild Steel) cages made of 1/2" x 1/2" Ms square bars for out door unit size 3 ' - 6 " x 2 ' - 6" including civil works and open arrangement in top and painting with 2 coats of synthetic enamel paint over a primer coat	5	Nos.		
4	S.I.T.C. of 19/25 mm. PVC conduit pipe to be used as a drain water pipe. Through holes as made above.	20	Mtrs.		
5	S.I.T.C. of 12.5 Sq.mm. & 6.25 Sq.mm. dia. Copper refrigerant pipe with nitrl rubber foam Insulation between Indoor & Out door units with breaking of wall for making hole wherever required For Split Air-Conditioners.	30	Mtrs.		
6	S.I.T.C. of copper conductor flexible cable between Indoor & Outdoor units through holes as made above for Split A.C.'s. Make of Cable :Havells/R.R./Finolex /ANCHOR	50	Mtrs.		
7	Supply and Installation of suitable voltage stabilizers for above capacity Air-Conditioners. Make Of Stabilizer: : V- Guard, Microteck	5	Nos.		
8	Automatic Digital Timer for ATM /Server Room/UPS Rooms AC having 4hr,8hr and 12 hr Operation .	1	Nos.		
	GRAND TOTAL (HVAC - WORKS)				

Punjab Sind Bank, Chennai CO.,		
Proposed Interior Furnishing, Electrical Installation and Air Conditioning Works for Punjab Sind Bank at Dindigul Branch .		
Make of materials- Interior Works		
S.No	ITEM	MAKES
1	Wood	Teak wood
2	Grid Ceiling	Armstrong / Daikin
3	Gypsum board	India Gypsum Ltd / La gyp /equivalent
4	Veneer	Uro / Garnet
5	Granite	Black colour g-20, Tiger black
6	Laminate	Merino / Greenlam / Asis / Century / Archid
7	Glass	Saint Gobain,Modi guard
8	Flush door	Greenply /Asis / IDEAL PLY , Assam Prestige make
9	Marine plywood	Century Shiny / Swing
10	Commercial plywood	Century Shiny / Swing / Assam top / Green line / Omega / Archid
11	Door closers	Dorma / Ebco
12	Floor spring / Patch fittings	Dorma / Ebco
13	Furniture hardware	Dorset / Godrej / Ebco / Hettich
14	Melamine coat	Asian or equivalent
15	Putty	Asian / Birla putty/ Jk putty
16	Paints	Asian paints / ICI Dulux / Berger
17	Texture	Terraco / Novatex
18	Adhesive	Fevicol SH , Araldite
19	Mortise locks	Godrej / Dorset/Monarch
20	Cylindrical lock	Godrej / Dorset/Monarch

Punjab Sind Bank, Chennai CO.,		
Proposed Interior Furnishing, Electrical Installation and Air Conditioning Works for Punjab Sind Bank at Dindigul Branch .		
Make OF Material - Electrical Works		
S.No	ITEM	MAKES
1	CABLES ISI MARK, 11000V (GRADE)	ANCHOR, POLYCAB, SUNCAB.
2	WIRES: 660V GRADE ISI MARK	ANCHOR, POLYCAB, SUNCAB.
3	ERW M.S.CONDUITS ISI MARKS	MOTI, GEMINI, ISI MARK
4	CASING CAPPING & ACCESSORIES	MOTI, GEMINI, ISI MARK
5	TRUNKINGS & TRUNKLINKS	MK, MOTI, GEMINI, ISI MARK
6	PVC CONDUITS	MOTI, GEMINI, ISI MARK
7	5A /6A PLATE TYPE SWITCHES	ANCHOR ROMA, NORTH WEST, MK & SOCKETS, ISI MARK
8	CEILING ROSES, HOLDRES	ANCHOR.
9	BUZZERS, BELLPUSH, BELLS	MK, ANCHOR.
10	DISTRIBUTION BOARDS, MCB's	MDS, SIEMENS, HAGER,C&S
11	ELCB/RCCB	MDS, SIEMENS, HAGER,C&S
12	LIGHT FITTINGS	PHILIPS, WIPRO, CROMPTON GREAVES ,ELENSEVE
13	FANS AND EXHAUST FANS	CROMPTONS, GEC.
14	REWIRABLE SWITCH FUSE UNITS	KEW, BOSMA, STANLEY,
15	CUT-OUT'S	KEW, BOSMA, STANLEY,
16	HRC SWITCH FUSES UNITS	GEC ALSTHOM, L&T, and SIEMENS.ABB
17	TEAK FRAMED SWITCH:	SPEACIAL QUALITY BOARDS AVAILABLE IN MARKET
18	BUS-BAR CHAMBERS	STANLEY, KEW,
19	CABLE GLANDS & LUGS	SIEMENS, DOWELS
20	INDUSTRIAL SOCKETS	MK, CROMPTON, MDS, SIEMENS,C&S
21	15A SWITCH, SOCKETS	MK, ANCHOR ROMA, NORTH WEST,
22	16A DP SWITCHES WITH FUSE	ANCHOR.
23	GEYSERS/WATER HEATER	SPHERE HOT, RACOLD, USHA.
24	TELEPHONE WIRES	DELTON, FINOLEX.
25	FLOURESCENT TUBES & BULBS	PHILIPS, CROMPTON, OSRAM. BAJAJ, ELENSEVE
26	G.I. B-CLASS PIPES (ISI)	ITC, PRAKASH
27	ELECTRONIC REGULATORS	MK, ANCHOR
28	CONTACTORS	L&T, SIEMENS.
29	MCCBs	L&T, GE, ABB, SIMENS
30	MEASURING INSTRUMENTS	A.E., IMP, MECCO,

S.No	ITEM	MAKES
31	C.T	A.E., IMP, MECCO, SIEMENS.
32	CAPACITORS	CROMPTON, ASIAN, L&T.
33	P.F. RELAY	L&T, CROMPTON.
34	TELEPHONE OUTLETS:	ANCHOR ROMA, NORTH WEST, MK
35	CEILING FANS	CROMPTON GREAVES / KHAITHAN/ USHA Model to be appd. By the architect.
36	EXHAUST FANS	ALMONARD / CROMPTON
37	LAN SWITCHES / JACKS	D - LINK , AMP, SYSCO
38	DATA SOCKETS	D - LINK , AMP, SYSCO
39	NET WORKS RACK & SWITCH	D - LINK , AMP, SYSCO
40	SPEAKERS	AHUJA ,PHILIPS
41	CCTV WITH ACCESSORIES	HIKVISION / AJHUA
NOTE: Apart from the above makes, any further equivalent make as approved by the bank, can also be used with prior permission from the bank.		

Signature of the Contractor/Tendered (With Seal)