

INVITATION TO TENDER

INSTRUCTIONS TO TENDERS

AND

GENERAL CONDITIONS OF CONTRACT

FOR

**INTERIOR FURNISHING, ELECTRICAL AND
LAN CABLING WORKS FOR
INDIAN BANK – ARIYAMANGALAM BRANCH**

AT

No:17. SAROJA COLONY
THANJAVUR MAIN ROAD
ARIYAMANGALAM, TRICHY -620010

ARCHITECTS

M/s. COS Consultancy Services
NO: 6/13, Kamaraj nagar,
4th street, Tallakulam
Madurai – 625 002. Tamil Nadu.
Ph: 91-452-2538233
E-mail: [cosquant93 @gmail.com](mailto:cosquant93@gmail.com)



Notice of Invitation of Tender

Sealed Tenders on item rate basis are invited from **Indian Bank Empanelled Contractors/ Contractors who has done furnishing and Electrical work at Indian Bank branches in Tamilnadu for last 02 years to do Interior/Furnishing & Electrical works for INDIAN BANK ARIYAMANGALAM Branch.** Tender Documents can be downloaded from **Indian bank website w.e.f 19/02/2024 after visiting the proposed site location.**

- Earnest Money Deposit : **Rs.18,000/- Demand Draft in favour of INDIAN BANK, payable at TRICHY**
- Date of commencement of Tender Process : **19/02/2024**
- Availability of Tender forms : **Indian bank website(www.indianbank.in/tenders/)**
- Time and date of Submission of Tender : **Before 01.00pm on 11.03.2024**
Opening of Tender : **After 01.30pm on 11.03.2024 at INDIAN BANK Zonal office, Trichy -620 001.**
- Time of Completion : **Fifteen Days (15) Calendar days.**
- Liquidated Damages for delay : **1% of total value of contract per week up to a maximum 10% of the accepted contract sum.**
- Defects Liability Period : **12 Months**
- Validity of the Tender : **90 Calendar Days.**
- Sales Tax. IT. Octroi. Levies : **The rates quoted should include GST and other Taxes etc.,**
- Transportation and Lifting of : **The rates quoted should include cost of Materials transportation, carting, wastages and Lifting for all leads, night work etc.,**

Note:

The bank is not bound to accept the lowest tender & reserves the right to accept or reject any or all the tenders without assigning any reason whatsoever.

The Deputy Zonal Manager,
Indian Bank, Zonal Office,
Trichy 620 001



*INDIAN BANK - TENDER FOR INTERIOR, ELECTRICAL &
LAN CABLING WORKS AT ARIYAMANGALAM BRANCH*

TENDER DOCUMENT
INTERIOR FURNISHING & ELECTRICAL , LAN CABLING WORK AT
ARIYAMANGALAM BRANCH

Last Date of Receipt of Tender : 11.03.2024

Time : 01 PM

ADDRESS/CONTACT DETAILS:
INDIAN BANK, ZONAL OFFICE
TRICHY, CONTACT NO :0431 2461501, 0431 2461510



TENDER
INDIAN BANK - ARIYAMANGALAM BRANCH

CONDITIONS OF CONTRACT :

- 1 The Contractor has to submit the Tender document in sealed cover at Indian bank, Zonal office Trichy before due date. Non Empanelled contractors should attach work order/ experience certificate for the similar work done in indian bank branches in Tamil nadu for last 02 years. All tenderer should submit KYC documents, registration certificate, GST, PAN details etc.
- 2 The tenderer is required to inspect the site and obtain for himself on his own responsibility and at his own expense all necessary information and particulars to enable him to submit a proper tender and make himself thoroughly acquainted with the local site condition , nature and requirements of work and facilities of transport, effective labour and materials, access and storage for materials and removal of rubbish.
- 3 The tenderer shall provide in their tender for cost of carriage, freight and other charges for proper execution of work as indicated in the drawings.
- 4 The work includes cost of fitting and fixing the several items in position to floors, walls, ceilings etc., in the building in accordance with the drawings or as may be directed and it may be necessary to make holes, chases etc., on floors, wall ceilings etc., as may be required. He must not only note of these provisions but must also allow for such as he may be required to do at the time work is taken by him and it will be deemed that his rates take into account all forceable contingencies which will include rectifying disturbed floors, walls, ceiling to their original condition.
- 5 The quoted prices must be firm for the entire period of currency of the contract from the quoting since no price variation or escalation shall be permitted on any account whatsoever.
- 6 The dimensions shown in the drawings must be verified by the contractor at the site before he takes up actual manufacture of the several items, making allowances for the actual dimensions that prevail at site.
- 7 The work will be done strictly in accordance with the drawings and detailing or specifications given by the architect.
- 8 Laminate, plywood, prelaminated board, aluminium etc., shall be of good company, approved quality and as per specification mentioned. Laminate sheet colour and all materials shall be produced for inspection and only after obtaining approval from the architect the work should be commenced.
- 9 Tenderer is advised to read the enclosed list of approved make of materials and offer brand name in the specified space. Make/Brand name on all items should be specified by the tenderer while submitting the tender. All the materials and specifications mentioned in the tender should be used without any deviation.
- 10 Conditional tenders or alternate proposals shall not be entertained unless prior approval in writing has been obtained. No notification, writings or deviations can be made in the tenders by the tenderer, but may at his option offer his commands or modifications in a separate sheet of paper attached to the original tender document.



11 The tenderer should note the tender is strictly on the item rate basis and their attention is drawn to the fact that rates for each item should be correct, workable and self-supporting. If called upon by the Bank/Architect detailed analysis of any or all the rates shall be submitted. The Bank/Architect shall not be bound to recognise the contractor's rate.

12 As per Tender norms the item wise rates alone would be considered. Even if the total for each item is as per market rate, the rate quoted against each item alone would be considered for tender amount. If the contractor has left the item rate column blank and mentioned only the amount for the same, it shall be considered that particular item shall be done at the rate of Rs.0/- . Hence it is requested to carefully fill the rates column correctly.

13 Rate should include for providing necessary cut-outs, holes for electrical conduits, switch boxes, plug points in work stations, partitions, tables, etc., wherever necessary and along with the co-ordination of other agencies. The rate also should include to provide additional wooden members adjacent to the switch box, conduits etc., in order to support the switch box conduits.

14 EARNEST MONEY DEPOSIT & RETENTION AMOUNT :

The tenderer will have to deposit an amount **Rs.18,000/-** in the form of DD in favour of **Indian bank payable at Trichy** at the time of submission of tender as EMD. The employer is not liable to pay any interest on the earnest money. The Earnest money deposit of the unsuccessful tenderers will be refunded without any interest soon after the decision to award the work is taken or after the expiry of the validity period of the tender. Apart from EMD made as above, retention money 5% of the total contract amount will be kept till defects liability period. **Firms having valid MSME registration are exempted from Earnest Money Deposit.**

15 CONTRACTOR TO PROVIDE EVERYTHING NECESSARY :

The contractor shall provide everything necessary for the proper execution of work according to the intent and meaning of drawings, schedule of the drawings, schedule of quantities and specifications taken together whether the same may or may not be particularly shown or described therein provided that the same can reasonably be inferred therefrom and if the contractor find any discrepancies therein he shall be final and binding.

16 PROGRESS REPORT :

During the period of work the contractor shall maintain proportionate progress on basis of a programme chart submitted by the contractor immediately before the commencement of work and agreed to by the Bank/Architect. The contractor shall report to the Architect of the progress of the work at every stages.

17 REMOVAL OF IMPROPER WORK :

The Bank shall during the progress of the work have power to order in writing from time to time the removal from the work within such reasonable time or time as may be specified in the order of any materials which in the opinion of the Bank/Architect are not in accordance with specification or instructions, the substitution or proper re-execution of any work executed with materials or workmanship not in accordance with the drawings and specifications or instructions. In case the contractor refuses to comply and pay other agencies to carry out the work and all expenses consequent thereon or incidental thereon as certified by the Bank/Architect shall be borne by the contractor or may be deducted from any money due to the contractor. No certificate which may be given by the Architects shall relieve the contractor from his liability in respect of unsound work or low graded materials.

18 SITE ENGINEER :

The contractor shall afford the Site engineer deputed, every facility and assistance for examining the works and materials and for checking and measuring work and materials. The Site engineer shall have no power to revoke, alter or relax any requirements of the contractor or to sanction any day work, additions, alterations, deviations or omissions or any extra work whatsoever, except so far as such authority may be specially conferred by the Bank/Architect.

The Site engineer will have power to give notice to the contractor or to his workers, of non-approval of any work or materials and which shall be immediately notified to the Bank/Architect. Such work shall be suspended or the use of such materials shall be discontinued until the approval from the Bank/Architect. The work will be from time to time be examined by the Bank/Architect. But such examination shall not in any way exonerate the contractor from the obligation to remedy any defects which may be found to exist any stages of work or after the same is completed.



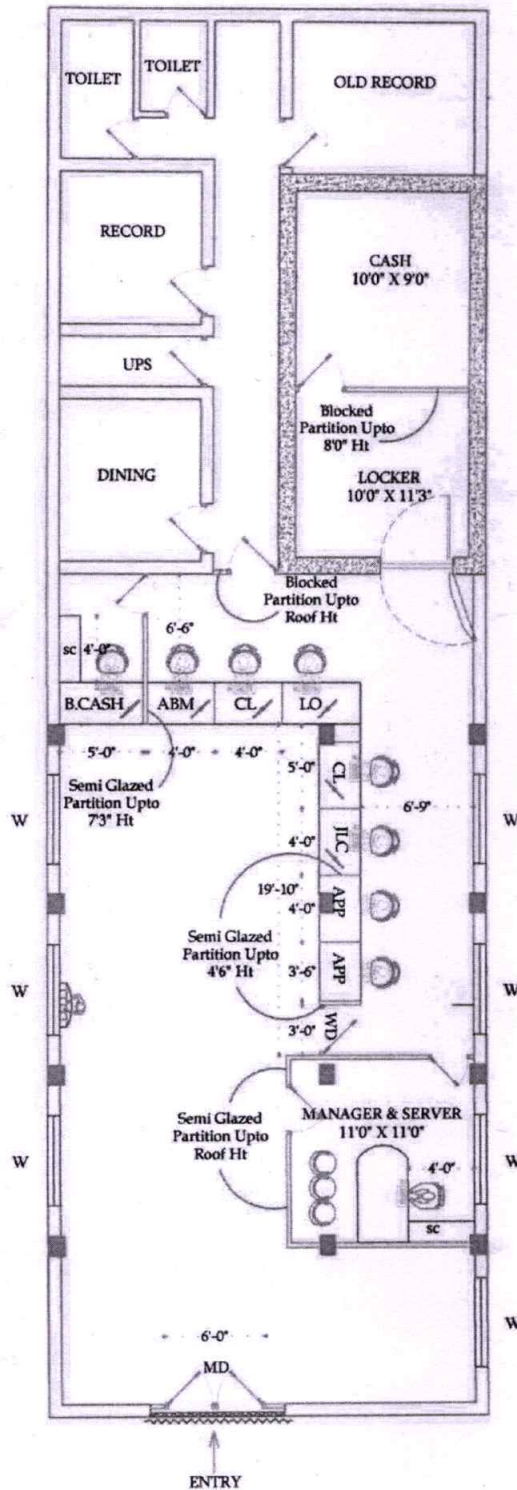
OUTLINE CONDITIONS OF CONTRACT

Earnest Money Deposit	:	Rs. 18,000/-
Defects liability period	:	Twelve months
Date of commencement	:	2 days from the date of award of work
Date of completion	:	15 days
Period Final Measurement	:	15 days submission of final bill
Liquidated damages	:	1% per week
Retention Amount	:	5% of the total bill amount for 01 year
Period of honouring certificates	:	15 days

Liquidated Damages for delay : 1% of total value of contract per week up to a maximum 10% of the accepted contract sum.

Note:

The bank is not bound to accept the lowest tender & reserves the right to accept or reject any or all the tenders without assigning any reason whatsoever.



PROJECT

PROPOSED INTERIOR FURNISHING
WORK FOR
INDIAN BANK
AT ARIYAMANGALAM BRANCH

NOTE

- 1) ALL DIMENSIONS ARE IN FEET & INCHES
- 2) DRAWING TO BE READ IN CONJUNCTION WITH DETAILS
- 3) ALL DISCREPANCIES MUST BE BROUGHT TO THE NOTICE OF THE ARCHITECT
- 4) SAMPLE OF FURNITURE TO BE APPROVED BEFORE EXECUTION

SCHEDULE OF JOINERIES (PROPOSED)

MD	- SEMIGLAZED DOOR	- 4'6"X7'0"
SD	- SAFE ROOM DOOR	- 3'6"X7'0"
D	- SEMIGLAZED DOOR	- 3'0"X7'0"
D1	- SEMIGLAZED DOOR	- 2'6"X7'0"
D2	- SEMIGLAZED DOOR	- 2'6"X5'0"
D3	- FLUSH DOOR	- 3'0"X7'0"
D4	- FLUSH DOOR	- 2'6"X7'0"
D5	- FLUSH DOOR	- 2'6"X5'0"
WD	- WICKET DOOR	- 3'0"X3'0"
SC	- SIDE CREDENZA	- 2'6" B



TITLE WORKING DRAWING



DRAWN : Er. D.J.VIJAY
SCALE : 1"=8'0"
JOB NO: I2-2022
DATE :10.08.2023
SHEET SIZE: A4

ARCHITECT

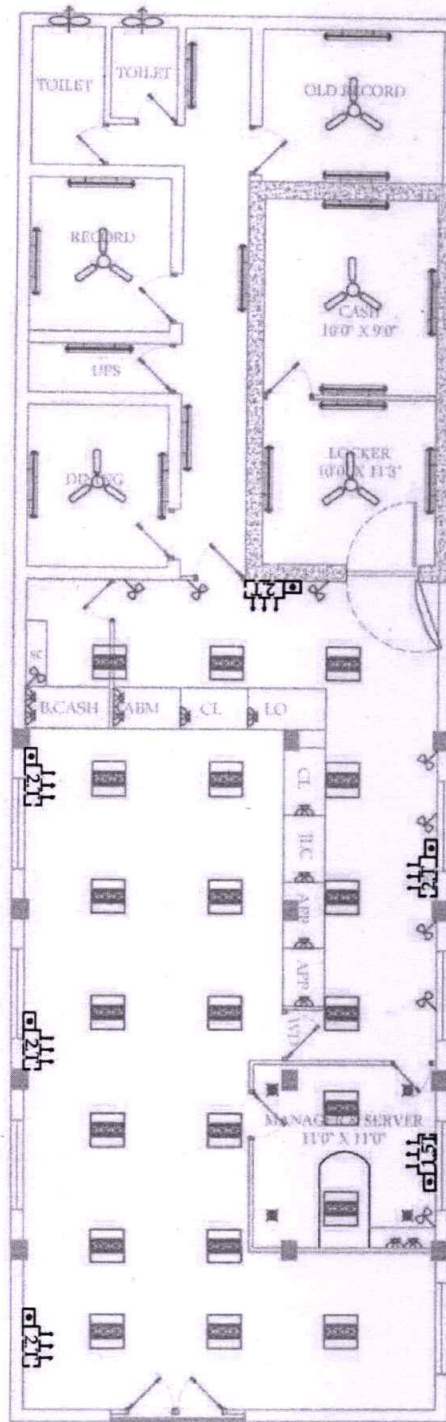
Dr.T.MAYILVAHANAN,M.E.A.I.I.A.M.C.A.,P.D.,



COS CONSULTANCY SERVICES
ARCHITECTURE,INTERIORS,STRUCTURAL
ENGINEERS & DESIGNERS

6/13, Kamaraj Nagar 4th Street,
Tallakulam, Madurai - 625002
Phone : 0452 - 2521869
Email id: cosquant93@gmail.com





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PROPOSED INTERIOR FURNISHING
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LEGEND

□	BOX TYPE FITTING 1X36W (WALL)
⊙	CEILING FAN 48" Dia
⊙	HOARDING/NAME BOARD LIGHT
⊙	WALL MOUNTED FAN 18" Dia
⊙	2 NOS 6A PLUG SOCKET & (RAW)
⊙	4 NOS 6A PLUG SOCKET (UPS)
⊙	STRONG ROOM DISCONNECTING ARRANGEMENTS 16AMSP PLY
⊙	22 MIRROR OPTICAL
⊙	1X13 W CFL DOWN LIGHTER
⊙	DISTRIBUTION BOARD
⊙	UPS DB
⊙	MAIN PANEL
⊙	METAL ENCLOSURE
⊙	MEGA SPLIT TYPE AC UNIT (1/1.5 TON)



TITLE ELECTRICAL DRAWING

DRAWN : Er. D.J.VIJAY

SCALE : 1"=8'0"

JOB NO: I2-2022

DATE :10.08.2023

SHEET SIZE: A4

ARCHITECT

Dr.T.MAYILVAHANAN,M.E,A.I.I.A,M.C.A,P.E.D.



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ARIYAMANGALAM BRANCH - INTERIOR, FURNISHING, ELECTRICAL AND DATA CABLING WORKS		
A	MAIN WORKS	Amount(Rs.)
1	INTERIOR WORK	
2	FIXTURES WORK	
3	BRANCH ELECTRICAL WORK	
4	BRANCH DATA CABLING WORK	
	Total WORK	
(RUPEES		ONLY)
ALL RATES ARE INCLUSIVE OF GST		



ARIYAMANGALAM BRANCH - INTERIOR, FURNISHING WORKS FOR INDIAN BANK (TRICHY ZONE)

BILL OF QUANTITIES

S NO	PARTICULARS	QTY	UNIT	RATE(Rs)	AMOUNT (Rs)
1	PARTITIONS				
4	Full & Half Blocked Partition				
5	Providing full height double skin fully blocked partitions upto RCC ceiling ht using aluminium plain rectangular sections of 2 1/2"x 1 1/2" size spaced at 2'0" c/c maximum for the frame work, fixed with 6mm plywood on both sides and lined with 1mm tk. laminate (Bank approved colors) with necessary grooves of 1mm thick. The rate shall include the cost of providing 100mm wide skirting with 1mm tk. laminate (Black) at base and a 100mm wide border (Brown) at the top including making necessary slots for cable conduits to pass through and all incidental materials etc., complete. (Record, dining, strong room, ups room)	70.00	Sft		
6	Partly Glazed Partition Manager & Server Cabin:				
7	Providing full height double skin partly glazed partitions using aluminium sections of 2 1/2"x11/2" size spaced at 2'0" c/c maximum for the frame work, fixed with 6mm plywood on both sides and lined with 1mm tk. laminate with necessary grooves of 1mm thick. The rate shall include the cost of providing 100mm wide skirting with 1mm tk. laminate (Black) at base and a 100mm wide border (Brown) at the top and shall include the cost of providing 8mm tk. 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.	350.00	Sft		
c	Low Height Partition				
	Providing low height double skin partitions along with Counter Divider partition wicket gate of the same type using aluminium sections of 2 1/2" x 1 1/2" size spaced at 2'0" c/c maximum for the frame work, fixed with 6mm plywood on both sides and lined with 1mm tk. laminate (bank approved laminates only) 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.	34.00	Sft		



d	CASH PARTITIONS (BULK CASH)				
	Providing full height upto 7' 3" from floor level, semi grilled plywood partition for cash cabin, using aluminium sections of 2 1/2" x 1 1/2" size spaced at 2'0" c/c maximum for the frame work , fixed with 6mm plywood on both sides and lined with 1mm tk. laminate (bank approved laminates only) with necessary grooves of 1mm thick, The rate shall include the cost of providing 100mm wide skirting with 1mm tk. laminate (Black) at base and a 100mm wide border (Brown) shade at the top and shall include the cost of providing ornamental aluminium grille to suitable sizes, including making necessary slots for cable conduits to pass through and all incidental materials etc., complete.	63.00	Sft		
e	CASH CABIN TOP ALUMINIUM GRIL				
	Providing and fixing in position readymade anodized alumium grill of approved design and quality fixed with continuous steam beech / teak wood beads of approved shape (finished 35 x 25 mm) all round polished (in cash cabin)	47.00	Sft		
2	FRONT COUNTER 12MM GLASS				
	Providing front glazing for cash cabin above counter from 3'9" to 7'0" height, and inbetween banking counters using 12mm thick plain glass including edge polishing & etching.	56.00	Sft		
3	DOORS				
a)	ENTRANCE DOOR				
	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 (4'0" X 7'0")	42.00	Sft		



b)	FLUSH DOORS				
i)	Door (3'0" x 7'0")	2.00	No		
ii)	ups - (2'6" x 5'0")	1.00	No		
c)	SEMIGLAZED DOORS				
i)	Manager (3'0" x 7'0")	1.00	No		
ii)	Manager & B.cash (2'6"x 7'0")	2.00	No		
d)	WICKET DOOR				
i)	Wicket Door (3'0"x3'0")	1.00	No		
4	SERVER ROOM WORKING COUNTER				
	Working top will be 2' - 6" ht to be provided as per instructions given by the architect. Rest of the working counter as per specifications in fabricated out of 18mm ply for top, sides and 6mm ply for back. The work station will have drawer units, keyboard tray, cpu platforms, leg rest etc., and drawings attached in tender and specifications.All clarifications to be taken before quoting the prices and no extra cost shall be entertained at the time of execution.The entire work as per the instruction of the Architect at the time of execution.	4.00	Rft		
5	Cheque drop box/ Complaint				
	Providing cheque drop box/ Complaint/Suggestion 1'6" length, 0'9" 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		
6	Vertical Blinds:				
	Providing and fixing 100mm wide Vista Make or equivalent vertical blinds of approved make quality and colour shade and pattern. Rate shall include necessary scotch guard treatment on both side. The overlaps should be uniform and adequate	121.00	Sft		
7	FALSE CEILING (GYPBOARD)				
	Providing & fixing suspended gypboard false ceiling, which includes Providing & fixing G.I perimeter channels of size 27mm, 0.5mm thk having one flange of 20mm & another flange of 20mm along with perimeter of the ceiling, screws fixed to brick wall/partitions with the help of rawl plugs & Screws.	450.00	Sft		



	Then suspending G.I intermediate channels of size 45mm, 0.9mm thk with two flanges of 15mm each from the soffit at 1200mm centres with steel G.I hanger of width 25mm, 0.5mm thk fixed to soffit with G.I. cleat & steel expansion fasteners. Ceiling section of 0.5mm thickness having knurled wedge of 51.5mm and two flanges of 26mm each with leaves 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 centres. 12.5mm tapered edge gypboard is then screwed fixed to ceiling section with 25mm dry wall screws at 230mm centres Screw fixing will be done mechanically either with screw driver or drilling machine with suitable attachment.				
	with requisite jointing compound, paper tapes, finisher and premier suitable for Gypsum plaster boards. The entire work shall be finished as per instructions of the Architect. And also finished with two or more coats of acrylic emulsion paint of approved shade and make. No extra cost shall be entertained in completing the entire work in all respect.				
8	Mineral Fibre Board False Ceiling				
	Providing and fixing in true horizontal level false ceiling as per the drawing with grid of 15mm of approved make, using hot dipped galvanized steel section exposed surface chemically cleaned capping prefinished in baked polyester paint wall angle of size 3000x19x19mm used in the periphery of the ceiling fixed to the wall partition RC column and walls with the help of screws at 2'0" C/C.	650.00	Sft		
	Main runner of size 3000x15x32mm suspended at 1200mm C/C by using 2mm/3mm dia GI wire hangers 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 15x32mm to be interlocked between in main runner at 2'0" C/C (max) to form a grid of 4'0" x 2'0".				
	2'0" long cross tee of size 15x32mm fixed in between 1200mm long cross tee for forming a grid of 2'0" x 2'0". Finally laying 15mm THICK PRIMA FINE FISSURED MICRO LOOK EDGE. Fire rating of 60 minutes as per BS 476/23 of 1987, Noise reduction coefficient (NRC) of 0.80, light Reflectance of >84%, sound attenuation of 34db, Thermal conductivity K-0.052-0.057W/m0K, weight of 3.53 kg/m2 and Humidity Resistance of RH - 99%.				
8	Lumpsum Work				
	Old Material is Removing and Refixing Work	1.00	L.S		
	Total Interior Works				

ARIYAMANGALAM BRANCH - INTERIOR & FIXTURES WORKS FOR INDIAN BANK (TRICHY ZONE)					
BILL OF QUANTITIES					
S NO	PARTICULARS	QTY	UNIT	RATE(Rs)	AMOUNT (Rs)
1	TABLE				
	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"x3"	1.00	No		
2	FRONT COUNTER AND BULK CASH COUNTER				
	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 (Black) on both sides to match with the adjoining partition and 4" wide border at top with 1.0mm thk laminate (Brown).The customer top at 3'9"ht of 1'3" width & working counter top of 2'6" width to be fixed				
i)	Bulk cash	5.00	Rft		
ii)	Working counters	27.00	Rft		



2	STORAGE				
	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				
i)	B.Cash	10.00	Sft		
ii)	Manager Sc	7.50	Sft		
3	WRITING LEDGE WITH 12mm GLASS TOP				
	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		
4	NOTICE BOARD				
	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		
5	ROLLING SHUTTER COVER BOX				
	Supplying & fixing of rolling shutter box using 19mm thk plywood with adequate support at the ends and finished with lamination of approved make and colour etc., complete	58.00	sft		
	Total Interior Works				



ARIYAMANGALAM BRANCH - ELECTRICAL WORKS FOR INDIAN BANK (TRICHY ZONE)

BILL OF QUANTITIES

Sl.No	Description Of Work	Unit	Qty	Rate	Amount
A	Supply&Installation&Commisioing of the following				
4	MAIN DB (8WAY VTPN DB)				
5	Three Phase, Vertical Distribution board				
6	with nuetral bar,earth bar,cables ties,top and				
7	bottom removable gland plate and with necessary				
	adopter boxes if any.The DB should be IP 42 metallic				
	double door with provisioin of MCB etc as				
	required including cuting of wall and plastering the				
	same with neat finish.It comprising as folows:-				
	Incomer :				
	100A TPN MCCB -1Nos				
	Outgoings:				
	63A TP MCB -4Nos				
	32/25/20A SP MCBs- 5Nos	Set	1		
B	Supply&Installation&Commisioing of the following				
1	LIGHTING DB(4WAY TPN DB)				
	Three Phase, Phase Segrigated Distribution board				
	with nuetral 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 provisioin of MCB etc as				
	required including cuting of wall and plastering the				
	same with neat finish.It comprising as folows:-				
	Incomer : 40A TPN MCB				
	Outgoings:				
	10/6A SP MCBs- 12Nos	Set	1		
2	POWER DB(4WAY TPN DB)				
	Three Phase, Phase Segrigated Distribution board				
	with nuetral 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 provisioin of MCB&ELCB etc as				
	required including cuting of wall and plastering the				
	same with neat finish.It comprising as folows:-				
	Incomer : 63A TPN MCB				
	Outgoings:				
	32/25/20A SP MCBs- 12Nos	Set	1		

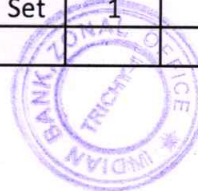


3	COMPUTER DB(8WAY SPN DB)				
	12 Way SPN Distribution board				
	with neutral bar,earth bar,cables ties,top and				
	bottom removable gland plate and with necessary				
	adopter boxes if any.The DB should be IP 42 metallic				
	double door with provision of MCB&ELCB etc as				
	required including cutting of wall and plastering the				
	same with neat finish.It comprising as follows:-				
	Incomer : 40ADP MCB				
	Outgoings:				
	10A SP MCBs- 6Nos	Set	2		
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	7		
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		
C	LT CABLES				
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&commissioning of 1100V grade UG				
	cable as per IS 7098/1554 (Finolex/ Universal)				
	3.5Corex50Sqmm Aluminium Armored cable Main DB	Mtr	32		
	3.5Corex35Sqmm Aluminium Armored cable power DB	Mtr	18		
	3.5Corex16Sqmm Aluminium Armored cable LDB Main	Mtr	27		
2	End Termination of the above cables with proper Glands				
	and 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		
D	WIRING				
1	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				
	a) One light Controlled by One Switch	Pts	25		
	b) Two light Controlled by One Switch	pts	10		
	c) 6A Switch box Sockets in the switch board itself	Pts	10		
	e) wall bracket fan point (6A socket with 6A switch)	pts	10		
	f) Calling bell point with Calling bell instrument	Pts	1		
	g)Exhaust fan point	pts	3		
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) 3Runs of 2.5Sqmmcopper wire in PVC conduit for				
	lighting circuit mains	Mtr	180		
	b) 3Runs of 2.5Sqmmcopper wire in PVC conduit for				
	Power points	Mtr	200		
	C) 3Runs of 2.5Sqmm copper wire in PVC conduit for				
	computer points	Mtr	220		
	d) 2Runs of 4Sqmm copper wire+1.5Sqmm copper				
	wire in PVC conduit A/C Wiring	Mtr	220		
	e) 2Runs of 6Sqmm copper wire+2.5Sqmm copper				
	wire in PVC conduit	Mtr	35		
	f) 4Runs of 6Sqmm copper wire+2.5Sqmm copper				
	wire in PVC conduit	Mtr	25		
E	POWER POINT OUTLETS				
1	Supply&Installation of 3 Nos of 6A Sockets controlled by				
	2of 5A Switches with front plate with enclosure and				
	other accessories etc..(MK /ROMA)	Set	12		
2	Supply&Installation of 1Nos of 6A Socket controlled by				
	1No 6A Switch with front plate with enclosure and other				
	accessories etc..(MK /ROMA)	Set	10		
3	Supply&Installation of 1Nos of 16A Socket controlled by				
	1No 16A Switch with front plate with enclosure and other				
	accessories etc..(MK /ROMA)	set	4		
F	LIGHTING FIXTURES				
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.(Crompton,				
	Wipro,Philips)	set	21		



2	Supply, Fixing & Commissioning of Recess mounting type compact vertical round shaped 1x15W LED downlighter fitting with white finish and other fixing accessories.,(Crompton, Wipro, Philips)	set	4		
3	Supply&Fixing of Patti Type LED 20Watts Fittings (Crompton, Wipro, Philips)	Set	16		
4	Supply&Fixing exhaust fan(Crompton, Almonard)	set	3		
5	Supply&Fixing & Commissioning of wall mounting Metal fan with necessary Down Rods and with all fixing accessories.,(Crompton / Havells)	Set	8		
G	EARTHING				
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	1		
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	58		
F	TELECOMMUNICATION				
1	Supply&Laying of 2 Pair Telephone Cable within PVC Conduit and its necessary accessories etc..	Mtr	180		
2	Supply&Laying of 20Pair Telephone Cable within PVC Conduit and its necessary accessories etc..	Mtr	30		
3	Supply&Installation of RJ II Jack with necessary Face plate and Box for connecting telephone points	Set	10		
4	Supply & fixing of 10 pair KRONE Box with lock and key	Set	1		
	TOTAL				



ARIYAMANGALAM BRANCH & ATM - DATA CABLING WORKS FOR INDIAN BANK (TRICHY ZONE)					
BILL OF QUANTITIES					
	Description Of Work	Unit	Qty	Rate	Amount
	DATA CABLING				
1	Supply&Laying of CAT 6 Data Communication cable in 2mm				
	thk heavy duty 20mm dia PVC conduit and makinng holes in				
	the aluminium partitions/wall all accessories as required (DLink)	Mtr	210		
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.	Set	7		
3	Supply and fixing of 1M Mounting Cord	Set	7		
4	Supply and fixing of 2M Mounting Cord	Set	7		
5	Supply and installation of 24port cat 6 jack panel	Set	1		
6	Supply and installation of 9u wall mounting rack	Set	1		
	TOTAL				



INDIAN BANK
Interior Furnishing work
Material Specifications

No	Material	Specifications	Brand
1	Plywood (BWR)	Thickness mentioned in tender	Greenply/Anchor 2000 ply/Sharon ply
2	Entrance door wood		1st quality teak wood of 4"x3" size
3	False ceiling	Thickness mentioned in tender	India gypsum
4	Lamination	1mm thick	Greenlam/Sundec/Merino /sunmica (approved bank colour)
5	Door Closers	Heavy Automatically	Everite/ Hafele/Doorman, and other approved by Architect
6	Locks for Doors	Good quality	Laxmi, Godrej, and other approved by Architect.
7	Locks for Tables	Multipurpose lock	Laxmi, Godrej, and other approved by Architect.
8	Glass	Float glass	Modi float Glass, Saint gobain
9	Paint	Plastic emulsion 2 coats over putty with primer	Asian/Dulux/Nearolac
10	Vertical Blinds		Mac/Equivalent
11	Wood		1st quality Teak wood beading & Malaysian Salwood framing free from knots
12	Beadings		1st quality teak wood/beach wood as approved by Architect
13	Floor Spring		Godrej/Everite/Hardwyn

Note :

Hereby agree to use the specified and approved brands without any deviations.

Signature of Tenderer :

Address :

Date :



SI No	Material	Brand
1	Electrical Work	
2	Wires	Finolex / Anchor / polycab
3	PVC pipes	Precision/ Prince/ Kisan/ Supreme/ Finolex/Bajaj Plast / Vasavi.
4	Switch Socket	Crabtree/Anchor Roma/ MK India or EQ
5	Distribution Board	L&T / MDS / Havells
6	ELCB/ ELMCB	L&T / MDS / Havells
7	MCCB	L&T / Siemens/Havells
8	Cables	Polycab / Finolex / CCI / Associated Cables
9	Glands	Comet / EMI / Sudhir
10	Lugs	Dowells
11	Light Fixtures	Philips / Wipro / Havells / Crompton
12	Spot Light	Wipro/ Havells / havells / Crompton
13	Down Light	Wipro/ Havells / Crompton
14	Light Bulbs/ Tubes	Phillips / Osram / CGL
15	Telephone/ Data cable	Lucent AT & T / D-link / Finolex
16	Fuse Switch unit	L&T / Siemens
17	Meter	AE / IMP
18	Fire & Access control	Zicom/ Tyco/ Dats
19	Tel Tag Block	10 Pair Krone box
20	UPS/ Stabilizer	Tata Liebert / APC
21	MV Switch fuse connector	L&T/Havells
22	Indicating Lamps	Mathura / L & T
23	Selector Switch	Reco/Essen/Kaycee / L & T
24	Meters	Ae/Imp
25	Panel Boards	Factory made
26	1.1 KV PVC a PVC Cables	CCI/ Torrent
27	Cable Glands	Hmi/Cromwel/Mpi
28	Cable Crimping Socket	Dowells/Lotus/Multi
29	Cable Jointing Kit	M Seal/Rachem(Heat shrinkable)
30	RCCB/MCB/DB	MDS/Havells
31	GI Earth pipe(B Class)	Tata Steel
32	Gland Earthing Materials	Best locally available 8 SWG wire
33	Copper/ AL Earth Conductors	Best locally available 10sqmm copper & 8 SWG wire

Signature of the Tenderer :

