



NOTICE OF INVITATION TO TENDER FOR INTERIOR FURNISHING , ELECTRICAL WORKS and AC INSTALLATION.

Sealed Tenders are invited from empanelled vendor at Chandigarh Region, Ludhiana Region and Delhi Region for Interior Furnishing, Electricals & A.C. works to be carried out at our BRANCH & ATM at NARAINGARH, DISTT AMBALA per the details below:

1.	Time for Completion	:	25 days from the date of the work order.
2.	Submission of tenders	:	Nature of the document: TWO BID CONCEPT. This Tender document comprises of the following: 1) Technical Bid (Envelope 1): a. Notice Inviting Tenders with General Rules and Conditions b. List of Makes c. Drawings & Layouts of the Office/branch 2) Financial Bid (Envelope 2): a. BOQ of the Works Duly filled documents in their prescribed form should be placed in two envelopes, one sealed envelope consisting of "Technical bid" duly super scribed as "Technical bid" and other sealed envelope consisting of "Financial bid" duly super scribed as "Financial Bid" and both envelopes shall be kept in one bigger sealed single envelope. The name of work & Name of Tenderer must be written on all the envelopes in a legible manner.
3..	Date of Issue	:	07.04. 2026
	Earnest Money Deposit	:	: Rs. 29,000/- (Rs. Twenty-Nine Thousand Only) by Demand draft / Pay Order payable at Chandigarh & drawn in favour of Indian Overseas Bank
4.	Last Date & Time of Submission	:	13.04.2026 up to 05:00 P.M. To, The Assistant General Manager, Indian Overseas Bank , Regional Office SCO 26 Sector 7C Madhya Marg, CHANDIGARH-160019
5.	Date & Time of Opening	:	Will be opened on 13.04.2026 or any subsequent date as intimated by the bank.
6.	Eligible Empanelled Vendor for participation	:	Chandigarh Region, Ludhiana Region and Delhi Region.
7.	Liquidated damages for non-completion of work in time	:	5 % of the contract value per week subject to maximum of 30% of contract value

The Bank will not be bound to accept the lowest tender and reserves the right to accept or reject any or all the tenders without assigning any reasons whatso.



GENERAL RULES, INSTRUCTIONS AND CONDITIONS

1. Sealed OFFERS are invited for the work of:

“INTERIOR FURNISHING , ELECTRICALS & A.C. WORKS FOR INDIAN OVERSEAS BANK BRANCH AND ATM NARAINGARH, DISTT AMBALA (HARYANA)

2. Offer shall be on prescribed form only, can be obtained from the above office from Manager, Premises & Estate Section as detailed in Notice Inviting offer and are not eligible to be transferred.
3. The offers are called from Banks panel contractors, and it is a part of the condition that **the terms and conditions detailed in the IBA’s construction works manual will be applicable and binding on the contractor**. It is open for the entire contractor to refer the manual, which is available at our section.
4. The works are to be carried out under the supervision of Bank’s project architect **M/s BAJAJ & ARCHITECTS (9997339956)**. The works shall be carried out strictly according to the specification as specified in the tender and working drawings. Any ambiguity in the specifications / drawings shall be brought to the notice of the Bank & the decision of the Bank in such matters will be final & the same is binding on the contractor.
5. **Time period:** The total time allowed for carrying out of the work shall not exceed the period specified in the Notice Inviting Tenders i.e. **25 days**.
6. The offerers should quote in figures as well as in words the rate, and amount tendered by them. The rates quoted shall be all inclusive rates for the item of work described, including materials, labour, tools, carriage & transport, lift charges, supervision, overheads & profits, mobilizing and other charges whatsoever including any anticipated or un-anticipated difficulties, any formality with the building society etc. complete for proper execution of the work as per specifications and no claim whatsoever for any extra payment shall be maintainable.
7. Canvassing in connection with tenders is strictly prohibited and the tenders submitted by the offerers who resort to canvassing will be liable for rejection.



8. Offerer shall quote the rates which shall be inclusive of all the incurred cost for materials and services or installation at the site as per the work contract and the Employer will not entertain any claim whatsoever in respect of the same, and nothing extra shall be paid/reimbursed for the same subsequently.
9. Goods and Service Tax as applicable will be paid as per the applicable government norms at the time of realization of bills. Offerers must quote the rates / total amount **exclusive of GST** and GST amount shall be mentioned (with %age) separately on the last page of the financial bid.
10. The Bank reserves the right to call for bills or orders placed to the Dealers / Companies / Distributors for procurement of material by the Offerer.
11. The Employer does not bind itself to accept the lowest or any tender and reserves to itself the right of accepting the whole or any part of the offer and offerer shall be bound to perform the same at the rate quoted.
12. **The rate shall hold good for any upward or downward variation in quantities for six months and no claim on this account will be admissible.**
13. Offerers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their offers as to the nature of the site and dimensions, the means of access to the site, and obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their offer.
14. The offerer shall note that the work is to be carried out in a running branch premises and hence, contractor should use extra manpower for utilizing the available time. The necessary permission to carry out the works with statutory authorities in night times is within the scope of the contractor and bank will not pay any additional charges.
15. **Payment Terms:** The interim payment shall be based on the progress of the works after getting the certification from the architects. The bills for interim payment shall be on a format similar to the tender or as prescribed by the bank along with the measurements of



- the executed work. While considering interim payment the value of materials at site shall not be considered. The number of interim payments allowed is only **1 (one)**. The interim payment amount payable is subject to deduction of retention money @ 8% (Eight) and other statutory taxes.
16. The final bill for the works shall be submitted within one month form the date of completion of works, failing which the Bank reserves its right to treat the bill for the last interim payment itself as the final bill for the work and the contractor has no right to claim any amount against the work.
17. **RETENTION MONEY:** An amount equal to 8% of the value of the work executed shall be withheld as security deposit with the bank and the same shall be released without any interest after the defect liability period, subject to clause below. A certificate from Branch In-Charge after expiry of Defect Liability Period is to be submitted to us for release of retention amount.
18. **DEFECT LIABILITY PERIOD:** The DLP is **12 months** form the date of completion of works as certified by the Engineer-in-charge. The works shall be guaranteed for a period of one year from the date of completion of work. Any defect arising during this period due to bad workmanship, quality of materials and others shall be rectified at no extra cost of bank, failing which the bank shall have liberty to engage other agency and recover the cost from the contractor.
19. The contractors shall make his own arrangement for the storage of the materials, without causing inconvenience to the normal working of the office and the security of the material stored shall be at the sole responsibility of the contractors/agency.
20. The contractors can make use of the available facilities at site like, electricity; water etc, with the prior approval of the Bank.
21. Any damage caused to the equipment, furniture, fixtures, decor of the office etc shall be rectified by the contractor at their own cost or the cost of the damages, as decided by the Bank, will be recovered from the contractor.



22. **Contractor shall note that no additional work is to be carried out without the written order from the Bank.**
23. All makes/brands of materials to be used in the works shall be as per the list of approved makes enclosed to the tender offer. Any make of material not listed shall be got approved by bank before us in works. Bank reserves the right to insist on the makes of materials given in the list and the decision of the bank in choosing the make shall be final and binding on the contractor.
24. **LIQUIDATED DAMAGES:** Time is the essence of the contract. If the contractor fails to maintain the required progress in terms of the contract or to complete the work and clear the site on or before the contract or approved extended date of completion, he shall, without prejudice to any other right or remedy of the Employer on account of such breach, pay as agreed compensation the amount calculated at 5 percent per week subject to maximum of 30% of contract value.
- The Employer shall have the right to adjust, / set-off their claim, if any against any sum payable to the contractor under this or any other contract with the Bank anywhere in India/outside India.
25. **Arbitration:** In the event of any disputes, the parties have agreed to settle the same amicably between them, failing which the same will be referred to an independent Arbitrator as may be mutually agreed between the bank and contractor as per the Indian Arbitration Act.
26. **Note: Any discount offered in percentage by the contractors should be clearly mentioned in figures and as well as word. The offerer should arrive at the discounted amount and the same should be deducted from the quoted rate and Grand total should be arrived at. Any tenderer not adhering this condition, will be liable for rejection. Discount, if any, shall not be mentioned in figures, but in percentage only.**
27. **The quantity for any tender item shall not exceed more than the tender BOQ at any cost. Even if any such item (or additional quantity) is shown in the plan/ layout and quantity in tender BOQ is not taken, the work shall be carried out strictly in**



accordance with the tender BOQ. If needed, any such work (or additional quantity) to be executed shall have prior written approval from the Bank.

28. Any deviation in specification or design if found at the Branch without any prior permission from the Bank shall be viewed seriously and the vendor shall be liable for blacklisting.

29. Initial Security Deposit for an amount equivalent to 2% of the total work contract shall be deposited to our office at the time of award of the work mandatorily.

I/We have read the offer document, its terms & conditions including clauses contained in IBA's construction works manual, aware of the scope of work, site conditions, specifications and quoted accordingly.

Place:

Date:



SR	WORK DETAIL /NAME	AMOUNT WITHOUT GST		
1	FURNISHING WORK			
2	ELECTRICAL WORK			
3	UPS WORK			
4	DATA CABLING WORK			
5	AIR CONDITIONER WORKS			
6	AIR CONDITIONER UNITS			
	TOTAL without GST			

**DETAIL OF FURNISHING, ELECTRICAL, UPS & DATA CABELING WORK INDIAN OVERSEAS BANK
BRANCH AND ATM NARAINGARH, DISTT AMBALA**

Furnishing Work Detail

	Items Name	Unit	Qty	Rate	Amount
1	MANAGER CABIN PARTITION With GLASS UPTO 9'-0' HEIGHT:-Providing and fixing partition from floor level up to the level of false ceiling with frame work of Aluminium strips(2"x2" Jindal/ ISI Mark) fixed at 2' centre to centre covered with 10 mm. MDF Board confirming to IS 303 and 1 mm thick high glossy mica as per brand manual. For Low Height partition and Full height Fully/partially glazed partition, the glazing shall be done with 10.00 mmthk. Float glass confirming to IS 14900, enclosed in frame with bank logo and etching.complete to the satisfaction of Architect / Employer (80% glass work and 20% wooden partition)	Sqfts	200.00		



2	CASH CABIN PARTITION UPTO 7'-0" HEIGHT :- Specifications same as item no 1	Sqfts	100.00		
3	LOW HEIGHT PARTITION 5'-0' height :- Specifications Same as item no1	Sqfts	150.00		
4	REAR PARTITION WITHOUT GALSS UPTO 13'-9" HEIGHT :- Specifications same as item no 1	Sqfts	300.00		
5	ALUMINIMUM PARTITION WITH BISON SHEET UPTO 9'-0" height in STRONG ROOM	Sqfts	120.00		
6	CASH COUNTER:- For customer as per layout with provision of 3'-9" high, 2'-6" deep with shelf for CPU and storage unit out of 18 mm thick HDMR one side laminated board outer finish 1.00 mm thick high glossy Mica on all exposed surfaces. Cedar and skirting out of burgundy laminated SS hardware, with wire manger, key board tray with telescopic slides. All edgings Margin etc. out of polished steamed beech / white cedar /rubber Wood including under the each Counter on right side a storage unit with 2/3 drawers and under Almirah with door along with Lock and key.	Rft	5.00		
7	COUTNERS (LOW HEIGHT) For customer as per layout with provision of 2'-6" high, 2'-6" deep with shelf for CPU and storage unit out of 18 mm thick HDMR one side laminated board outer finish 1.00 mm thick high glossy Mica on all exposed surfaces. Cedar and skirting out of burgundy laminated SS hardware, with wire manger, key board tray with telescopic slides. All edgings. Margin etc. out of polished steamed beech / white cedar /rubber Wood including under the each Counter on right side a storage unit with 2/3 drawers and under Almirah with door along with Lock and key.	Rft	23.00		



8	FALSE CEILING IN BANKING HALL & ATM :- Providing & fixing white mineral fiber tile (size 24" x 24") / equaling false ceiling with G.I. frame T angle (size 24" x 24") aluminum frame work. The frame channel should be suspended from the R.C.C. slab strap hangers. 12 mm thick board panels shall be screwed to the frame work with steel screws. All additional frame work required for light points. Fitting shall be provided.	Sqfts	530.00		
9	GYPSUM FALSE CEILING IN BANKING HALL AND ATM :-	Sqfts	780.00		
10	Providing and fixing of 10 mm thick float glass panels with pencil polish (half round edge) by automatic plant mirinti/chap wood brackets in front of counter Frosted glass with etching & Bank Logo.	Sqfts	46.00		
11	Providing & fixing customer table/stand shall be made of mirinti/chap wood frame. The table top shall be made be 3/4" block board with mica.	Pcs	1.00		
12	Aluminum grill 8 mm thick in cash cabin ceiling with the fitting in wooden frame:-	Sqfts	50.00		
13	12 MM THICK TOUGHENED GLASS MAIN ENTERNACE GATE BRANCH AND ATM :- 12 MM thick TOUGHENED GLASS Specifications Supply/Fixing of 12mm toughened glass (12mm thk.) door with pencil polish edges all around and including glass film of pattern and emblem as per design fixed with necessary patch fittings assembly including top and bottom patches, heavy duty Ozone floor Machine, bottom lock, SS brushed finished 2' long and 1" dia. handle on both sides of shutter etc. all complete as directed by Bank.	Sqfts	95.00		
14	Godrej night latch lock in cash cabin	Pcs	1.00		
15	Door Closer	Pcs	4.00		



16	<p>Manager Table :- 6'-0" x 3'-0" X 2'-6" H Providing and fixing CM TABLE 6'-0"x 3'-0"x2'-6" (ht.) and 10mm beveled glass with etching of approved make to be fitted on top obtain the total height of 2'-6" as per detailed drawing . made up of 18 mm thick HDMR one side laminated board outer finish 1.00 mm thick high glossy Mica of approved make and shad as approved as par detailed drawing. Table shall be provided with 3 drawers sliding on telescopic channels with proper locking arrangements and keyboard with telescope channels tabletop shall be finished with 1.0 mm thick laminate of approved shade & quality . The work includes provided and fixing locks , wire manager, spirit polishing of steam beach bending etc. complete in all respects to the entire satisfaction of the architect.</p> <p>Providing and fixing CM TABLE 6'-0"x</p>	Pcs	1.00		
17	<p>Daftri Table:- 3'-6"X2'-6" spectiocation same as item no 17</p>	Pcs	1.00		
18	<p>Wooden Side Unit:- Wooden side unit with 2 drawer, one shelve with front door fully complete. 3'-0"x1'-6"x2'-6" height:- 18 mm thick HDMR one side laminated board outer finish 1.00 mm thick high glossy Mica on all exposed surfaces. Cedar and skirting out of burgundy laminate SS hardware, with wire manger, key board tray with telescopic slides. All edgings Margin etc. out of polished steamed beech / white cedar /rubber Wood including under the each Counter on right side a storage unit with 2/3 drawers and under Almirah with door along with Lock and key.</p>	Pcs	2.00		
19	<p>2'-6"x1'-6"x2'-6" height specificatiojnh sam as iem no 18</p>	Pcs	5.00		



20	5'-0"x1'-6"x2'-6" height specificatiojnh sam as iem no 18	Pcs	1.00		
	9'-0"x1'-6"x2'-6" height specificatiojnh sam as iem no 18	Pcs	2.00		
	13'-6"x1'-6"x2'-6" height specificatiojnh sam as iem no 18	Pcs	1.00		
21	NOTICE BOARD TAG IN TYPE: Size (4'X3') Providing & fixing Notice Board the tag board of approved make & design, of size 3' X 4', with anodized aluminum boarder/frame type. The board should be 3/4" th. Straw board with velvet type fabric lining of appr. Color.	Pcs	2.00		
22	PIN-UP BOARD:- size 3'x2'	Pcs	2.00		
23	SUGGESTION & CHEQUE DEPOSIT BOX: P/F a suggestion box of size up to 1'-3"x1'-6"x7" made out of 3/4" commercial board with 1.0mm laminate on top as per design.	Pcs	3.00		
24	Vertical Blinds:-	Sqfts	180.00		
25	FULL HIGHT STORAGE:- 7'-0' height 18 mm thick HDMR one side laminated board outer finish 1.00 mm thick high glossy Mica on all exposed surfaces. Cedar and skirting out of burgundy laminate SS hardware, with wire manger, key board tray with telescopic slides. All edgings Margin etc. out of polished steamed beech / white cedar /rubber Wood including under the each Counter on right side a storage unit with 2/3 drawers and under Almirah with door along with Lock and key.	nos	180.00		
26	Glass Design frame with the three focus light and cove light and electrical bank logo 1.5ft square and back base with Lacquered Glass finish size 8x3 ft In BM cabin & Banking Hall	Sqfts	72.00		



27	Providing and fixing ACP Panelling in ATM & rolling shutter box for branch and ATM panelling / enclosure of required size as per description of ACP panelling above. The rate shall inclusive of necessary hardware fittings like hinges, screws, tower bolts sealant, trap door, locking arrangement etc complete.	Sqfts	230.00		
28	PANELLING IN MANAGER CABIN, CASH CABIN, column AND BANKING HALL UPTO 9'-0' HEIGHT:- Providing and fixing paneling on wall. Framing shall consist of Aluminum Section 1" x 1.5" finished frame work @ 2'0" C/C. Both ways horizontally and vertically on the wall. This framing would be covered with 10 mm. MDF Board conforming to IS 303 and 1 mm thick high glossy mica as per brand manual. as per design with adhesive. 3" high laminated skirting to be fixed bottom side of the Paneling.	Sqfts	1080.00		
29	ALMIRAH IN PANTR:- SPECIFICATION SAME AS ITEM NO 25	Sqfts	30.00		
30	Almirah for L.T. Panel	Sqfts	36.00		
Total					
GST			18.00	%	
Grand Total					
Electrical Work Detail					
	Items Name	Unit	Qty	Rate	Amount



1	Supply & fitting of all electrical point complete with testing, commissioning, handling, storing, all material for wiring of light point, fan, exhaust fan, socket, & bell point 5 amp with 1.0, 1.5 sq mm cu wire in PVC pipe with accessories i.e. bend JB, tee etc concealed/ surface on wall with saddle screw etc. controlled by 5 amp switch on plate with box in wall	Pcs	70.00		
2	Same as above but for 15 amp switch/socket with 2 x 2.5 + 1 x 1.0 sq mm cu wire in PVC pipe	Pcs	17.00		
3	Supply & Fixing of electronic regulator including the Wiring for it as per above item, complete in all respect.	Pcs	3.00		
4	CIRCUIT WIRING: (a) Supply, wiring, testing & commissioning of Circuit wiring for light, Fan, Exhaust fan, Socket board to main MCBDB with 2 x 1.5mm & 1 x 1.0 sq mm earth wire in PVC Conduit pipe including cutting, repairing and painting etc.	Rmt	300.00		
5	Wiring for power point with 2 x 2.5 cu wire + 1 for earth in PVC pipe fitted on wall with Saddle & screw etc including cutting, repairing and painting etc.	Rmt	250.00		
6	Wiring for A.C. point with 4 core x 10 sq.mm cable.	Rmt	200.00		
7	TELEPHONE POINT & WIRING Supply & fixing of GI / PVC box suitable for fixing of Telephone jack or 2 pin telephone socket as required with 2 pair of 0.63 mm Die annealed tinned copper conductor in PVC pipe for each telephone complete in all respect As per drawing and specification give by architect	Pcs	2.00		
8	Supply & fixing of 4.0 sq mm copper wire on Main Board	Rmt	60.00		
9	Supplying and Fixing of LED down light fittings Havel's /Crompton /Philips / Wipro make	Pcs	26.00		



10	<p>Main LT Panel/DB Supply and installation of main LT Panel, wall mounted front Operated totally enclosed vermin proof, Indoor non-draw out- Cubicle type power panel fabricated out of 2 mm thick CRCA Sheet having gasketed hinged cover on each cubicle fully Powder coated/enamel. a. 1 no., 160 A, FP, Changeover Switch 2 No., 160 ATP, MCCB With ELR (0-3A) and CBCT as Incomer. b. 10 nos. 40 A & 2 nos. 63 A, TPN, MCB Outgoing c. 9 nos. 25 A, SPMCB outgoing. d. 9 nos. 20 A, SP< MCB outgoing e. 3 No. 0-150 A, Ammeter with CT and selector switch f. 3 no. 0.500 V, Voltmeter with selector switch and fuse g. 1 Set, TPN, Copper bus bars of size 25mmx5 mm thick PVC Insulated suitable for 160 amp load h. 1 Set RYB indicating lamps with resistors and fuses Full set as above Note : Panel of Minimum 160 Amp load having 2 changeover to support extra load of minimum 5 A.C.'s of 1.5 Ton each along with regular load of Branch as mentioned in tender</p>	set	1.00		
11	4Way SPN DP with 2 nos. DP MCB For UPS incoming	Pcs	1.00		
12	4 way TPN DB with 1 TPN MCB + 10 MCB	Pcs	1.00		
13	8 way SPN DB with 1 No. DPMCB + 6 MCB for UPS Circuit	Pcs	1.00		
14	63Amp DB 2 pole	Pcs	6.00		



15	Ear thing with 50x3 M. ear thing electrode With chemical as specified items instructed by the Architect for L.T. Panel.	Pcs	3.00		
16	A.C. Points i/c Box, MCB, Socket, Switch i/c 32 (C) MCB complete	Pcs	4.00		
17	Supply & fixing of ceiling fans 1200 mm	Pcs	3.00		
18	Supply & fixing of light fixture 4' Led	Pcs	14.00		
19	Supply & fixing of Exhaust fan with lovers 18" Of commercial/Industrial quality	Pcs	2.00		
20	Supply & fixing of Exhaust fan with lovers 12" Of commercial/Industrial quality	Pcs	2.00		
21	Supply & fixing of fully metal body wall fans	Pcs	12.00		
22	Supply & fixing of LED (2'x2') fittings Havel's /Crompton /Philips / Wipro make).	Pcs	16.00		
Total					
GST			18.00	%	
Grand Total					
UPS Wiring Work Detail					
	Items Name	Unit	Qty	Rate	Amount
1	One Switch Board 5 Amp Switch 08 no Comprising 4 Switch + 4 socket Modular	Pcs	12.00		
2	Supply & fixing of 4 Way MCB SPN DB & 2 no of 32 Amp DP MCB for UPS input/output supply	Pcs	2.00		
3	Supply & fixing of 8 way SPNDB with 8 no. Of 10 Amp & 20 Amp SPMCB complete in all respects	Pcs	2.00		
4	UPS Board 2x2	Pcs	1.00		



5	Supply & fixing of 4.0 mm copper wire	Rmt	70.00		
6	Supply & fixing of 6.0 mm copper wire	Rmt	60.00		
7	Supply & fixing of porcelain fuse 63 Amp with neutral Link	Pcs	4.00		
8	Cut out 100 AMP	Pcs	4.00		
9	Extra Earthing wire	Rmt	70.00		
10	UPS wiring for UPS	Rmt	60.00		
Total					
GST			18.00	%	
Grand Total					

Data Cabaling Work Detail

	Items Name	Unit	Qty	Rate	Amount
1	Supply/Laying of Cat 6 Cable	Rmt	350.00		
2	Patch Cord 2 Meter	Pcs	12.00		
3	Patch Cord 1 Meter	Pcs	12.00		
4	I/O Box	Pcs	12.00		
5	RJ 45 Connector	Pcs	48.00		
6	Data Hub Tray	Pcs	1.00		
7	Cable Manager	Pcs	1.00		
8	S/F 9U rack with fan and others items complete	Pcs	1.00		
9	Supply, Installation, testing and commissioning of 24 Port patch panel & 2 Port Switch complete	Pcs	1.00		
Total					
GST			18.00	%	
Grand Total					

DETAIL OF AIR CONDITIONER WORK INDIAN OVERSEAS BANK BRANCH AND ATM NARAINGARH, DISTT AMBALA



SR	ITEMS NAME	UNIT	QTY	RATE	AMOUNT
1	Supply & Fixing with installation of stabilizer (having capability to work from 90 Volts) of copper wiring for 1.0 & 1.5 Split A.C.	Pcs	4.00		
2	Supply/fixing of stand for external unit of Split A.C.	Pcs	4.00		
3	AC Installation Charge of Split A.C.	Job	4.00		
4	Providing and fixing concealed copper pipe with wire proper insulation i/c cutting and repairing etc.	Rft	170.00		
5	Providing and Fixing 1" PVC Plumbing Concealed Drain pipe with proper fixing & water proofing i/c cutting and repairing etc. and complete upto drain etc.	Rft	120.00		
6	Providing and fixing timer switch for switching power alternatively between two A/C, timer will be analogue dial type adjustable TIMER switch which is adjustable over 24hrs. With 15 minutes intervals and is to have 1NO+1NC (20A) contact. Timer will have its own backup battery and will be enclosed in 16gauge MS Box with acrylic lid together with suitable connector block. (ABB/MDS/L&T)	No.	1.00		
TOTAL					
GST			18.00	%	
GRAND TOTAL					
AIR CONDITIONER UNITS					
SR	ITEMS NAME	UNIT	QTY	RATE	AMOUNT



1	Split AC 1.50 ton in Manager cabin and Banking Hall copper make Five Star Rated Make Hitachi, Bluestar and Dikins Complete with Outdoor Units, Indoor Units, Mounting Racks, Copper Insulated Tubing, Wiring, which is standard with equipment Note:- Out of three companies selection of brand will be at sole discretion of bank	Pcs	3.00		
2	Split AC 1.00 ton in ATM copper make Five Star Rated Make Hitachi, Bluestar and Dikins Complete with Outdoor Units, Indoor Units, Mounting Racks, Copper Insulated Tubing, Wiring, which is standard with equipment Note:- Out of three companies selection of brand will be at sole discretion of bank	Pcs	1.00		
TOTAL					
GST			18.00	%	
GRAND TOTAL					



1. All electrical and furnishing materials to be used strictly follow the list of approved materials.
2. Any deviation in the use of materials at site other than approved materials list will not be permitted and the bank may cancel the contract at any time for any such misconduct.
3. The workman ship and quality of work should be good quality and to be satisfactory level of the bank's architect and bank.
4. Air Conditioner and Stablizers will be billing in the of Work Related bank / Branch / Office and Original Bills have to be Submit to the Bank so that after Contract Warranty period can be contact directly to Related company for Future Guarantee / warranty etc.
5. Colour scheme as per brand manual.
6. Final Amount in words and figures filled in Tender will be considered . No further discount written in numerical or words will be considered. After Tender has been filled. No condition or % of discount etc. will be considered which dictates re-calculation of any kind.
7. GST Extra. (tender not accepted if filling rates with GST).
8. Before filling tender please go through attached drawing for distance & other related quarries. We also advise Vendor to visit site physically if possible to determine actual work environment and difficulties.
9. No extra labour charges will be given for dismantling of old flooring and walls tiles and sanitary fittings etc.
10. No extra charge will be given for Total Electrical Suply Arrange from Existing LT Panal

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इण्डियन ओवरसीज़ बैंक
Indian Overseas Bank

आपकी प्रगति का सच्चा साथी
Good people to grow with

Touching Hearts
Spreading Smiles

A small yellow smiley face icon with a blue arc above it, part of the bank's slogan.

MATERIAL SPECIFICATIONS

- INTERIOR FURNITURE
- ELECTRICAL
- A.C.



Sr. No.	LIST OF NOMINATED MATERIALS & SUPPLIERS	SUGGESTED MAKE LIST
1	INTERIOR WORK	
	MDF / Plywood	NUWUD / Century / Asain / Archid /GREENPLY or equivalent
	Laminated sheet	Archidlam National/ Formica/ Greenlam/MERINO
	Veneer	Green / Duro / Century / Timex / Anchor or equivalent
	Particle board (only for modular w/s & storage Unit)	Archidply /Greenlam/Century equivalent ISI make
	Acrylic sheet	ICI, GE or equivalent ISI make
	Marine grade plywood	Century, Kitply, Greenply, Anchor, Orchid, Prince
	Adhesive	Fevicol / Araldite/Anchor or equivalent
	Solid Surfaces (Curion)	DUPOINT/HI-MAC/ STARON OR equivalent
	Marine grade Block Board	Century, Kitply, Greenply, Anchor, Orchid or equivalent
	Flush Door	Century, Kitply, Greenply, Anchor, Orchid or equivalent
	Polish	Asain / Dulex or equivalent
	Latex	MM Foam or equivalent ISI make
	High density foam	U Foam or equivalent ISI make
	Locks	Godrej / Haffle / Hettich / Ebco or equivalent
	Storage Hardware	Godrej / Haffle / Hettich / Ebco or equivalent
	Screws / Nails & other accessories	GKW / Nettleford or equivalent
	False Flooring	Kebao , Armstrong , AMF or equivalent
	Vinyl Flooring	Armstrong ,gerflor, Eurotex ,
	Carpet	Unitex, Armstrong,
	Wooden laminated flooring	Pergo / Armstrong / Euro / Squarefeet or equivalent
	Plain/Toughened glass	Saint- Gobain, Indo Asahi , Modi or equivalent
	Hardware for general staff areas	Dorma / Euro/ Ozone / Enox / Ebco /Hamco or equivalent
	Hardware for main Glass doors (patch fittings)	Dorma / Euro/ Ozone / Enox / Ebco /Hamco or equivalent
	Door Closers (general use)	Dorma / Euro/ Ozone / Enox / Ebco /Hamco or equivalent



	Floor springs (general use)	Dorma / Euro/ Ozone / Enox / Ebco /Hamco or equivalent
	Floor springs for main glass doors	Dorma / Euro/ Ozone / Enox / Ebco /Hamco or equivalent
	Aluminium Sections for Partitions	Jindal / Tata steel or equivalent
	False Ceilings: Gypsum	India Gypsum / Saint Gobin / Asia
	False Ceilings: Grid (As Approved)	Armstrong / AMF or equivalent
	False Ceilings: Grid (Metal Ceiling)	Unimech / AMF / Armstrong /
	GI Sections	India Gypsum / Saint Gobin / Jindal or equivalent
	Acoustical False Ceilings: Mineral fiber board	Armstrong, Hunter Douglas / Peritex or equivalent
	POP Punning	Gyprock / India Gypsum / Birla
	Paint	Asian / Nerolac / Dulex / Berger or equivalent

Sr. No.	LIST OF NOMINATED MATERIALS & SUPPLIERS	SUGGESTED MAKE LIST
	Exterior Paint	Asian / Nerolac / Dulex / Berger or equivalent
	ACP (Exterior / Interior)	Alstone / Eurobond /Alucobond
	Cylicon	G E / Dow corning / Wacer
	Rolling / Vertical Blind	Vista / Peritex / Winfab / MAC or equivalent
	Frosted Film	Garware or equivalent
	Aluminum Skirting - 50mm	Jindal or equivalent
	Water Proofing	Pidilite or equivalent
	HardWood	Salwood / Teakwood/kapoor
	Automated Rolling Shutter	Gandhi Automation/Toshi Automatic Systems/Akash Rolling Shutter
	Glass	Saint Gobin / equivalent
2	Plumbing	
	CP Fitting	Jaquar /Hindware or equivalent



	Sanitary Ware	Hindware / Cera / Parryware or equivalent
	Sanitary Fittings	Jaquar /Hindware
	Geyser	Bajaj / Sphere Hot / Crompton /Racold / V Guard / Havells
	Stainless Steel sink	Nirali / Diamond or equivalent
	C.I. Pipe	Bengal Iron Corporation or equivalent ISI make
	Urinal Partition Glass	Merino / Saint Gobain/ Modi / Asai
	GI Pipe	Tata/ Jindal / Zenith or equivalent
	CP Fitting	Pince /Astral or equivalent
	PVC & CPVC Pipe	Pince /Astral or equivalent
3	Civil Work	
	Ceramic Tiles/vitrified homogeneous glazed tiles.	HR Johnson, Kajaria, Nitco,ASL or equivalent
	Cement	Ultratech , ACC , JK Cement , Ambuja
	Chemical Pasting (Tiles)	Pidilite , Fosroc , Eurokart
	Steel	Sail ,Tisscon , Ispat , Tata
4	Electrical	
	Light Fittings	Philips / Wipro / Osram / Havells / Crompton G.
	MCCB, MCB , RCCB, DB, ICTPN TP, HRC Fuse, cahnge over switch, switch fuse Unit	L&T, ABB, Legrand, Siemens, Schneider
	FRLS insulated Elec. Wire/ cable armourd, unarmourd, Sheathed,unSheathed, flexible LT cable, Multi core, single core cable, flat cable	Finolex/Ploycab/Havells/RR kabel/KEI
	PVC conduit(HEAVY DUTY ONLY)	CAP/Finolex/Polycab
	PVC insulated copper conductor Wires	Finolex/ Polycab/RR Cable
	Distribution Box	Legrand/ Schneider/ ABB/Siemens
	MCB & MCCB	Legrand/ Schneider/ ABB/Siemens/L&T



Sr. No.	LIST OF NOMINATED MATERIALS & SUPPLIERS	SUGGESTED MAKE LIST
	Light Fixture & Lamps	Philips/ Wipro Osram / Havells / Crompton G./ Halonix
	HT cable	Polycab/Havells
	Modular Switches	ABB/ Legrand/ MK/ANCHOR/ELLEYS/ROMA
	DLP Trunking	Legrand/Schneider or equivalent
	Power cable	CCI/ Skytone/ Universal/ LAPP/ Torrent
	End Termination	Raychem/ Mahindra/ELMEX
	PANEL	Crompton/L&T/C&S
	Fan	Crompton/Havells/Bajaj/Usha
	Raceway & Alu. Trunking	Tata/Jindal/Zenith
	Casing Caping	Finolex/Cap or equivalent
	Weather proof socket outlet with MCB	ABB/MDS/LEXIC/Neptune/Elcon- Clipsil, Siemens, Schneider (Merlin Gerin)
	Miniature Circuit Breaker	ABB/MDS/LEXIC/ Clipsil/Siemens/HPL
	Earth Leakage Circuit Breaker	MDS/LEXIS/Siemens/HPL
	MCB Distribution Boards in sheet steel housing (double door)	ABB/MDS/LEXIC/Siemens/HPL
5	Distribution	
	MV Contractor/Timer/Relays/Starters	Legrand/ Schneider(MG)/ ABB/Siemens/L&T
	Moulded case circuit breakers	Legrand/ Schneider(MG)/ ABB/Siemens/L&T
	SFU/Fuses	HPL/ L&T. Siemens, GE Power, Schneider (MG)
	ACB	Schneider(MG)/ ABB/Siemens/L&T
	Single Phase Preventer (Current base)	L&T, Minilec
	Raising Mains & Tap Off (Power coated)	Zeta, C&S, Siemens
	MV Switchboards (Powder Coated)	Tricolite Electrical Industries, conlec Enginners Pvt. Ltd, Vidyut Control Pvt Ltd., Trinitron Milestone Switchgear, Unilec Ltd, Madhu Electrical Advance Electro Control Pvt Ltd.
6	Low Tension System	



Light & Fan Wire	Polycab, Finolex, Havells
Telephone Wires	Delton, Skyline, Finolex, Rallison, Batra Henley
Telephone Tag Blcoks	Krone / Pouyet/ TVS
7 Cables and Accessories	
1100Volts grade Cables	CCI, Universal, Fort Gloster, Polycab, RPG (Asian), Nicco
Cable Lugs	Dowells
Cable compression Glands	Peeco/ Comet
Cable Trays / Cable ladders	Slotco, Bharti, RICCO, Pilco, MM Enterprises
8 Metering & Protection	
Cast Resin current transformers	Gilbert Maxwell, Kappa AE, Precise
Meters (Digital)	L&T Roshab, Automatic Electric, Siemens, Socomex
Selector switches	HPL/L&T Salzer, Kaycee
Indication lamp	L&T Vaisno Teknic
KWH Electronics Digital Meter	Secure, L&T, Enercon, Socomec- HPL
9 EPABX	
Exchange/ Console Panel	Copper connection, Flash Hymax, Accord CG, Tata Telecom, Panasonic
CVT	Logicstat, Blue Bird, Selvon, Max Power
UPS	HPL- Socomec, Tata Liebert, APC, Invensys, Copper Connection
Hand Set	Beetel, Tataphone, Crompton
Tape off	Cat Vision, Shyam
10 Electrical Items	
Panel Switch Gear & related Item	
LT Panel/Bus Duct	By any Panel manufacturer who process C.P.R.I. certificate for specified fault level & IP level protection



	Fuse Disconnecter switch/switch fuse unit	L&T, Siemens/ Schneider/ABB/Legrand
	Ammeter Voltmeter	AE/L&T/MECO/Rishab
	Digital Meters/ Intelligent Multifunctional Digital mater	AE/HPL/CONZERV
	Selector Switch, Push button switch / emergency switch	KAY CEE/ L&T/ Siemens/ Schneider
	Indication Lamp	AE/L&T/Siemens/ Schneider
	CT's	L&T / AE/ Kappa
	AT's	L&T/Siemens/ Schneider/ legrand
	Voltage stabilizer for air conditioner (4/5KVA)(170-270V)	V Guard/Microtek
	Air Conditioner - Split Inverter AC(5 star) - (.75 ton - 1ton,1.5 ton,1.8ton-2ton)	Daikin/Blue Star/ Carrier
	Air Conditioner - Cassette Inveter AC(5/4/3 star) - (2.9 ton - 3.5 Ton)	Daikin/Blue Star/ Carrier
11	Transformer	
	Distribution Transformer	Jindal /Areva/ Muskan/Alstrom
	11 or 33 KV VCB	Crompton/ Alstom/ ABB
	HT Termination & Jointing kit	Ray Chaem / Mahindra/ ELMEX
	Cable Glands	Dowells / Siemens/Braco
	Lugs & Thimbles	Dowells / Johnson
	Upto & including 11KV cables (ISI markes)	CCI/ Skytone/ Gloster/ Havells
	Insulating Mats	ISI Marked

Sr. No.	LIST OF NOMINATED MATERIALS & SUPPLIERS	SUGGESTED MAKE LIST
	Capacitor Bank (ISI marked)	GE Power/ BHEL/EPCOS/ L&T
	Lightning Arrestor	Altas/ Alstom/ GE power
	Protection & Other Relay	ABB/ Siemens/ Schneider/ L&T/ Allen Bradley
12	Internal Wiring Related Works	
	MCB/RCCS/Isolators (ISI) marked MCB DB	L&T Siemens/ Schneider/ Legrand
	PVC Conduit	CAP / BEC/ Seiko/ AKG



	PVC insulated copper wire (ISI marked)	Skyline/ Finolex/ Havells/ Ploycab
	Telephone Cable	Skytone/ Delton/ NICCO/Polycab/ Finolex
	Switch, TV & Telephone socket & boxes (Modular Type)	CPL/ Legrand/ABB/Anchor
13	Miscellaneous Items	
	Lightning Protection Unit	Erico/ Pheonix/ INDELEC
	Relays	L&T/ABB/Siemens/BCH
	Contractors	L&T/ GE Power/BCH/ Siemens/ABB
	Changeover switch	C&S/Havells/ L&T/HPL
	KWH, PF, Frequency meter	BHEL/ AE/Havells/ L&T/ALSTOM
	Push Buttons	L&T/ Siemens
	Timers	L&T/ Legrand/ Schneider/Siemens/GE
	Timer Switch	L&T/ Legrand/ Schneider/Siemens/GE
14	Networking	
	Switches	Brocade/Cisco/Digi-Link/3Com/Nortel/Foundry/D-Link
	Patch Panel,Patch cord and I/o	Digi-Link / Tyco(AMP) /Schneider/D-Link
	Cable	Digilink/Clipser/National/Polycab/Lapp/Finolex
	Racks	ComRack / HCL / ValRack / APW President
15	Modular	
	Extruded aluminum sections	Hindalco, Sant aluminum, Midi extrusions
	Pre laminted particle board	Action Tesa, Associate Décor, Asis, Century (interior grade - 2)
	PVC lipping	Rehau, Dolkin
	Hinges/storage and pedestal locks/minifix fittings/sliding channels etc.	Ebco, hafele, Hettich or equivalent
	8 mm Glass	Modi, Saint gobain, Asahi
	Door locks for cashier cabin	Godrej, Enox, Doorset, Ultra, Ebco
	Hydraulic door closer	Yele, Enox, Everite, Ebco





Powder coating	Paramount, Narolac
Fabric for panel	Response
MDF	8mm / 10mm / 12mm / 18mm MDF

Light fittings (Only for reference / indication purpose)

WIPRO MAKE – Immaculate series - 600 mm x 600 mm – 36 W - CRCO10R036HP57. (or equivalent make)	
WIPRO MAKE – Halo make – 6W - CRDL11R008HP57. WIPRO MAKE – Halo make – 22W - CRDL11R023HP57. (or equivalent make)	
WIPRO MAKE – Trim LED – 24W - LL20-221-XXX-60-XX. (or equivalent make)	
PHILIPS MAKE – Smart Glow – 600 mm x 600 mm - 37W. (or equivalent make)	



<p>PHILIPS MAKE – Green LEDi – 7W and 12 W (or equivalent make)</p>	
<p>PHILIPS MAKE – Line Light– 28 W. (or equivalent make)</p>	

CALCULATION OF LUX LEVEL

(This is only for illustration. Actual requirement to be ascertained keeping in view of the site condition, viz. Floor Height, Color of walls, nature of utility of the Office etc.); Recommended Values of illumination shall be as per BIS 3646; Ref: General Specification of Electrical work by CPWD

Every premises needs different light level requirements. A showroom requires more light than library. Living room needs more light than bedroom. You can find many sample data for your premises on internet. Here are some data.

- Halls and conference rooms – 500-600 lx
- Office space – 350lx – 450 lx
- Stairs in public buildings – 75 lx

Illustration: Let's have a practical example of how many LED lights are required in a room.

[Measure the area of premises; Calculate area = Length X Width]

If we consider a room of 12 feet x 12 feet size, then area will be 144 sq.ft.

Now we need area in sq.meter so you need to multiply with 0.093

We have now area = $144 \times 0.093 = 13.39$ sq. meter

Now consider an Office room of size 13.39 sq. meter. We want say, 350Lx, so we need to multiply.

Lumens = 350(Lux) x 13.39(area) = Around 4600 Lumens Now choosing lights:

A typical well built LED downlight provide 80-110 Lumens per watt, let's consider 100 lumens.

1 Watt = 100 lumens.

Total wattage = 4600/100= 46 Watt

So we need total of 46W LED light to get 4600 lumens and 350 Lux for our sample office room.

That means number of LED lights/fixture proposed may be of

28 watt, 2X2 Light Ceiling fixture-1 no

10 watt, Down lighter fixture- 2 nos

OR

10 watt, Down lighter – 4 nos

7 watt, Down lighter 1 no

OR

Any such suitable kind of combinations keeping in view of the Site requirement, wattage of LED lights being used etc.



▪ Main LT Panel to be provided in Banks Scope

Supply & installation of Powder coated main panel with proper power distribution system to be designed considering uniform load distribution. The same shall comprise of main incomer feeder and several outgoing feeders consisting of MCBS/ breakers etc. including Capacitor Bank as per design requirements. ELCB of necessary ratings shall be provided for each phase.

The panel shall be, Indoor, free standing, floor/wall mounting, sheet metal clad, cubicle, dead front, dust and vermin proof type compartmentalized design fabricated out of powder coated 14 SWG sheet steel (shade Siemens Ivory shade), complete with aluminium bus bars, separate earth bus bar to be provided through out the length of the panel. Provision of DG set change over switch ,all relevant earthing (excluding DG set Earthing) should be made.

Proper signage and Labelling on the DB/Panels, Switches, drawings to match; Markings to be made in Electrical DB's.

Load on the UPS to be distributed equally. Preferably as below:

UPS 1 say : Branch Head, ME-lobby, Tellers

(half of the total nos), One Cash Teller

UPS 2 say: Server room, Tellers

(half of the total nos).



Electrical Panel in a Branch.

In Server room and ATM room, keep provision for additional sockets from alternate UPS DB so that in case there is some problem with one UPS the same can be switched over to another UPS by just shifting the connection from one socket to another.

Electrical panel room to have one large Rubber mat and proper ventilation.



इण्डियन ओवरसीज़ बैंक
Indian Overseas Bank

आपकी प्रगति का सच्चा साथी
Good people to grow with

Touching Hearts
Spreading Smiles 

CONTRACTOR

ARCHITECT

INDIAN OVERSEAS BANK

SPECIAL NOTE: If there is any discrepancy between the conditions mentioned above plus conditions of contract special conditions enclosed and the conditions mentioned in the Indian Bank's Association's manual (available with Premises Department) the latter shall prevail.

Signature of Contractor:

Address:

Date: _____