

INDIAN BANK

ZONAL OFFICE AGRA

TENDER DOCUMENTS

ELECTRICAL & AC WORK

BRANCH: FS UNIVERSITY, SHIKOHABAD

Issued by	Issued To	Architects	
I. Han Dank	M/s	ARCH DESIGN ARCHITECTS	
Indian Bank	M/S	Ganapati Niwas	
Zonal Office Agra, Premises	,	Civil Lines, Bulandshahr	
Department Shop No 12,	Date:	Utar Pradesh- 203001	
First Floor, The Cross Road		Email: archdes12@gmail.com	
Mall, Plot No GP 5 & 6 Pt.		Mobile: - +91 9899227440,	
Deen Dayal Upadhyay Puram		9412857600	
Sikandara Road Agra-		*	
282007			



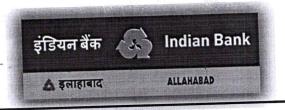


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Indian Bank Estate & Expenditure Dept. Zonal Office Agra

Dear Sir,

SUB: - Invitation of Tender for Electrical & AC Work in the New Premises of FS University, Shikohabad having examined the drawings, specifications, conditions and schedule of quantities prepared by you, and satisfying ourselves as to the location of the site and working conditions, I/We hereby offer to execute the above works at the respective rates which I/We have quoted for the items in the Schedule of Quantities.

I/We herewith deposit **Rs. 4000.00/-** (**Rupees Four Thousand Only @ 1%** of project value) by crossed demand draft/Bank Guarantee on the Bank other than clientele, payable at **Agra** and drawn in favour of Indian Bank as Earnest Money Deposit for the due execution of the works at my/our tendered rates, together with any variations should the work be awarded to me/us.

In the event of this tender being accepted, I/We agree to enter into and execute the necessary contract required by you. I/We do hereby bind myself/ourselves to forfeit the aforesaid Earnest Money Deposit of Rs. 4000.00/- (Rupees Four Thousand Only) in the event of our refusal or delay in signing the Contract Agreement. I/We further agree to complete the work within the stipulated time specified in the tender.

I/We agree to keep our tender open for 90(Ninety) days from the date of opening of

Thanking you,

Yours faithfully,

[To be signed by the Authorized Representative of Tenderer who has the Power to do so]

Place:

Date:

Witness Name:

Address: Seal: Signature:





INDIANBANK

ZONAL OFFICE - AGRA

NOTICE INVITING TENDER

Indian Bank, Zonal Office Agra invites sealed tenders from empaneled contractors with Indian Bank (single bid system) for proposed Interior Electrical work in the New Premises of F S University, Shikohabad. The Tender Documents can be downloaded from the Bank's website (www.indianbank.in) under Tender Column.

1	1	Name of work	Interior – Electrical & AC Works, in New Premises of FS University, Shikohabad
2	+	Estimated cost of work	Rs. 3.94 Lakh
3		Period of completion	60 days. Which will be reckoned from 5 [™] day from the date of issue of the Work Order or handing over of site whichever is later.
4.		Tender Documents	Tender documents can be downloaded from the Bank's website (www.indianbank.in) under Tenders column between 05/09/2024 to 19/09/2024
5	+	Cost of tender document	Nil
6	-	Last date of submission of tenders	19/09/2024 up to 17:00 HRS at Indian Bank, Zonal Office, Shop No 12, First Floor, The Cross Road Mall, Plot No GP 5 and GP-6 Pt. Deen Dayal Upadhyay Puram Sikandara Road Agra- 282007
7	7	Earnest Money Deposit	Rs. 4000.00/- (Rupees Four Thousand Only) by way of DD in favor of Indian Bank payable at Agra.
	8	Date of opening Tender	20/09/2024 at16:00HRS Indian Bank, Zonal Office, Estate Department Office, Shop No 12, First Floor the Cross Road Mall, Plot No GP 5 and GP-6 Pt. Deen Dayal Upadhyay Puram Sikandara Road Agra- 282007
	9	Validity of Tender	90 Days from the date of opening
-	10	Defects Liability Period	12 Months from the date of virtual completion of work.

Note:

1. The bank reserves the right to reject any tender/bid without assigning any reason.



ZONAL MANAGER



INSTRUCTIONS TO TENDERERS

1.0 LOCATION

- 1.1 Address of the building site is Indian Bank (New Premises) FS UNIVERSITY, SHIKOHABAD Uttar Pradesh.
- 1.2 Composition of Premise Interior, Electrical works of banking hall on ground floor.

2.0 SCOPE OF WORK

The work involves Electrical, AC and Data related works as per Drawings, Specifications and Conditions of Contract and in conformity with the guidelines of Local Authorities/ Statutory Bodies, Labour dept. etc.

3.0 SUFFICIENCY OF TENDER

3.1 Tenderers must get acquainted with the proposed work and study drawings, designs, specifications, conditions of contract, schedule of quantities and other tender documents carefully before tendering. No request of any change in rates or conditions for want of information on any particular point shall be entertained after receipt of the tenders. In case of any discrepancies or uncertainty concerning anything contained in the tender documents, the tenderer shall obtain the clarification and quote his rates accordingly. No claim for additional payment will be entertained, if the tenderer fails to comply with this requirement.

No extra charges consequent on any misunderstanding or otherwise shall be allowed.

4.0 SITE ENGINEER:

The Successful tenderer shall, before receiving Work Order, get the Site Engineer and his team (whom he intends to post full time at site) interviewed and approved by Employer /Architect.

5.0 TENDERER TO VISIT SITE:

Each Tenderer must before submit his tender visit the site of works so as to ascertain the physical site conditions and prices, availability and quality of materials according to Specifications before submitting the quotations.

6.0 SUBMISSION OF TENDER:

Tender shall be downloaded and submitted online/physically as per guideline given by tendering agency.

7.0 EARNEST MONEY:



7.1 The Tenderer must pay the amount of Earnest Money as mentioned in the Notice of Tender Invitation by Bank Guarantee / Bank Demand Draft payable to Indian Bank. No interest on Earnest Money deposited by the Tenderer shall



INSTRUCTIONS TO TENDERERS

1.0 LOCATION

- 1.1 Address of the building site is Indian Bank (Existing Premises) FS UNIVERSITY, SHIKOHABAD Uttar Pradesh.
- 1.2 Composition of Premise Interior, Electrical works of banking hall on ground floor.

2.0 SCOPE OF WORK

The work involves Electrical, AC and Data related works as per Drawings, Specifications and Conditions of Contract and in conformity with the guidelines of Local Authorities/ Statutory Bodies, Labour dept. etc.

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Each Tenderer must before submit his tender visit the site of works so as to ascertain the physical site conditions and prices, availability and quality of materials according to Specifications before submitting the quotations.

6.0 SUBMISSION OF TENDER:

Tender shall be downloaded and submitted online/physically as per guideline given by tendering agency.

7.0 EARNEST MONEY:

7.1 The Tenderer must pay the amount of Earnest Money as mentioned in the Notice of Tender Invitation by Bank Guarantee / Bank Demand Draft payable to Indian Bank. No interest on Earnest Money deposited by the Tenderer shall





be allowed. The Tenderer should attach the Bank Guarantee / Bank Draft along with the tender failing which the tender will not be considered. No other mode of payment shall be accepted.

7.2 The Bank Guarantee for Earnest Money shall remain valid for 3 months from the date of submission of tender. The Earnest Money Deposit of unsuccessful tenderers shall be refunded within three weeks of award of contract to the successful tenderer or within one week of actual commencement of work whichever is earlier and, in any case, not later than four months.

The Earnest Money Deposit of the successful tenderer shall be refunded on the acceptance by the Employer of the Contractor's Bank Guarantee/ Demand Draft towards Security Deposit.

7.3 The Bank Guarantee/ Demand Draft for Earnest Money shall be issued in favour of **Indian Bank**, payable at Agra.

The name of the work shall be as mentioned in tender documents.

The Bank Guarantee shall conform to the Proforma E

8.0 VALIDITY:

Tenders submitted by Tenderers shall remain valid for acceptance for a period up to end of **90** days from the date of opening of part-1 of the tender. The Tenderers shall not be entitled during the period of validity, without the consent in writing of Employer to revoke or cancel his tender or to vary the tender given or any terms thereof. If the tenderer revokes his tender or modifies it in anyway without the Employer's concurrence, the Employer shall without prejudice to other rights, be at liberty to forfeit the entire Earnest Money deposited by the tenderer.

9.0 ADDENDA:

- 12.1 Addenda to the tender document may be issued along with the tender to clarify documents or to reflect modifications to the design or contract terms.
- Each addendum issued by the Employer will be distributed to each person or organization to whom a set of tender documents has been issued. Each recipient will submit the same along with his tender. All addenda issued by the Employer shall become part of Tender Documents.

10.0 RIGHT TO ACCEPT OR REJECT TENDER:

10.1 The right to accept a tender will rest with the Employer who is not bound to accept the lowest or any tender and who reserves the right to reject any or all the tenders received without assigning any reasons. The Employer also reserves the right to accept the whole or any part of the tender and the tenderer shall be bound to perform the same at the rates quoted. All tenders in which any of the prescribed conditions are not fulfilled or are incomplete in any respect or there is any correction not duly signed by the tenderer are liable to be rejected. For this purpose, the tenderer shall quote rates for various items which will be self-sufficient to meet their whole costs for executing any / every item. No demand for variations in rates for any item executed on the plea of the Client deciding to delete, alter or reduce the



quantities prescribed in respect of other items.

10.2 The work may be awarded to one or more agencies by splitting the work at the entire discretion of the Employer. The quoted rates by the contractor shall hold good for such an eventuality.

11.0 TIME SCHEDULE:

The time allowed for completing the works is 60 days (Two month) to be reckoned From 5 Days from the date of Work Order / date of handing over site whichever is later.

TIME IS THE ESSENCE OF THE CONTRACT

Tenderers_shall submit a program (time schedule) for executing the entire project and shall furnish the details of their scheme indicating the proposed deployment of their machinery and resources.

12.0 RATES:

The rates quoted shall exclude GST but includes all other costs, allowances, excise and octroi duties, levies and taxes or any other charges including any enhanced labour rates etc., which may become effective for any reason including those due to acts of Government / Statutory Bodies enacted from time to time by the State and or the Central Government. Under no circumstances, shall the Employer be held responsible for compensation or loss to the Contractor due to any increase in the cost of labour or materials, variation in exchange rates etc.

The rates quoted by the tenderers shall include all eventualities such as heavy rain, sudden floods etc., which may cause damage to the executed work or which may totally wash out the work, until the Completion Certificate is issued to the contractor. The Employer will not be responsible for such damage or wash-out of the construction work. The contractor shall have to claim any losses on such accidents from insurance policies which he shall take for this work.

The prices shall be adjusted up in case of any new taxes, levies or duties by Statutory Authorities and shall be adjusted up or down in case of any revisions in existing taxes, levies or duties by Statutory Authorities on presentation of documentary proof by the Contractor.

No escalation of prices shall be permitted on any other account.

13.0 SIGNING OF THE CONTRACT:

The successful tenderer shall be required to execute an Agreement in the proforma attached with this tender document within 7 days from the date of receipt of the notice of acceptance of tender. In the event of failure on the part of the successful tenderer to sign the agreement within the above stipulated period, the earnest money will be forfeited and the acceptance of the tender shall be considered as cancelled.





ARTICLES OF AGREEMENT

and GP- as t	IS AGREEMENT is made on this
AN	D M/s having its office at
(he	reinafter referred to as the "Contractor") which expression shall include its successor,
	al heirs and assignees of the second part.
WH	EREAS the Employer has caused drawings and tender documents for Interior/
ren	ovation works (Electrical & AC work) for its FS UNIVERSITY, SHIKOHABAD.
ANI) whereas the Employer has called for tender vide ref. no
ANI	ed O whereas the contractor has submitted the tender ref. no
date ANE	ed
	ditions of contract and Work Order.
AND Whe	whereas the Employer has accepted the Contractor's tender as aforesaid and ereas the tender submitted by the contractor has been accepted for such sum as may be
asce	rtained to be payable in terms of the Bill of Quantities and which sum is estimated to be
Rs) here in after referred to as the
	"Contract Agreement".
NOV	V THIS AGREEMENT WITNESSETH AS FOLLOWS: -
1)	In consideration of the said Contract Sum to be paid at the times and in the manner set forth in the said Conditions the Contractor shall carry out and complete the Civil, Electrical Works in terms and conditions herein contained and according to the general conditions of the contract, notice inviting tender, special conditions of contract, general scope of work, technical specifications, schedule of rates and instructions to be given by and the supervision of and to the entire satisfaction of the Employer.
2)	Contract Price, Taxes and Payment Terms:
	Total contract price is Rs which is inclusive of cost of materials, equipment, installation charges and tools and tackles required for execution of the job. Above price is inclusive of all other taxes only GST will be paid as per law. Advance GST & Income tax on payments will be deducted and deposited by Employer in accordance with the sales tax law of the state and the provisions of





tax deductions at source under income tax act 1961.

3) Completion Period:

Time is the essence of the Contract. The work is to be completed in all respects within 30 (one month) reckoned from 5th day from the date of issue of the Work Order or handing over of site whichever is later. If the Contractor fails to complete the job within the agreed time period the Contractor will have to bear liquidated damages as per the relevant clause mentioned in the Tender Documents.

4) Earnest Money:

The Contractor has deposited an amount of Rs. 4000.00/- (Rupees Four Thousand only) as earnest money.

5) Inspection of Site:

The Contractor has inspected the site before submitting his tender and has satisfied himself as to the nature of the work to be executed on the site. Any difficulties which the Contractor may come across in the course of the work shall in no way relieve the contractor to claim or receive extra payment unless the Employer is of the opinion that such difficulties could not have been foreseen and the Employer consents in writing.

6) Supply of Material and Labour:

The Contractor shall arrange all labor, materials, equipment, tools, tackles and everything necessary for the completion of the work. The Contractor will assume all responsibility for the safety, protection and accounting of all material and equipment and the work during construction. All materials used by the Contractor shall be of the best quality conforming to the required specification mentioned in the tender document and will be subject to the approval of the Employer. All such materials not approved by the Employer shall be removed at once by the Contractor at his own expense. The Contractor shall also at his own expense arrange for carrying out any test of materials which the Employer may from time to time require or if so desired by the employer.

7) Defective Work / Materials:

If any part of the work done by the Contractor is found defective in workmanship or if bad or inferior materials have been used the Contractor shall at his own risk and cost demolish all such defective work and rebuild the same and / or replace the bad or inferior materials used within a time frame mentioned to the satisfaction of the Employer. The decision of the Employer in this regard shall be final and binding on the Contractor. In case of default of the contractor to remove the defective work and rebuild the same or replace bad or inferior materials as directed by the Employer, the Employer shall be entitled to employ anyone else to carry out the same at risk and cost of the Contractor and recover all expenses incurred in this regard from the contractor.





8) Inspection of Work:

During progress of the work the Employer shall be entitled at all times to have access to and inspect the work.

9) Supervision:

The Contractor shall provide one or more competent and technical qualified engineers duly and fully authorized to act on his behalf in all matters relating to the works to be carried out under or any other matter concerning this agreement and who shall at all times be present at the works while any work is in progress as per directions, explanations & instructions of Employer.

10) Compliance with Statutory Regulations & Work Rules:

The Contractor shall be responsible for complying with the applicable laws / bye laws / Regulations in force from time to time and shall have to bear all statuary liabilities to the workers / personnel engaged for the job. Nothing will be paid extra in this regard. If any amount is paid by the Employer with this regard the same amount shall be deducted from the Contractor's dues. The Contractor shall have to arrange insurance cover for the workers / personnel engaged by him for the job.

11) Determination of Contract:

In the event of Contractor failing to keep / adhere to agreed schedule of work, or in the event of the Contractor failing to comply with the provisions of this contract by default and / or negligence and / or suspension of work or in the event of Contractor failing to complete the work within the stipulated period, the Employer may terminate this Agreement forthwith and employ, at the Contractor's risk and cost, another contractor or sufficient number of workmen to complete the work.

12) Force Majeure:

This clause will be operative only if the work is delayed by

- a) Acts of God
- b) Earthquake or floods or similar natural calamities.
- c) Serious loss or damage by fire or lightning.

In case any Force Majeure condition herein mentioned occurs and continues for a period exceeding 15 days the parties hereto undertake to sit together and devise ways for expeditious and proper performance of the obligations of the parties under this order.

13) Arbitration:

" In the event of any dispute or difference relating to interpretation and application of provisions of the contract and all disputes/claims whatsoever which shall either during the continuance of the contract or afterwards either between the parties to the contract or the respective representatives touching the construction/application of any provision/clause mentioned in the contract or any account or liability between the parties to the contract or as to any act or deed



or omission of any party to the contract, in any way relating to these presents, shall be first at the discretion of the Bank attempted to be resolved in good faith by mutual discussion within 30 days of the dispute or question being raised failing which the same shall be settled by arbitration in accordance with provisions of Indian arbitration and Conciliation act 1996.

The Parties concerned shall designate an arbitrator on mutual consent/consensus. In the event of no consensus being arrived, an Arbitral Tribunal shall be constituted comprising three Arbitrators, each party appointed one arbitrator and a third arbitrator to be appointed by the two arbitrators so appointed by the parties. The venue of the arbitration shall be exclusively at Chennai and any award passed by arbitrator or the arbitral Tribunal shall be final, conclusive and binding upon the parties and shall be deemed to have been made between parties themselves. The parties to the dispute shall share equally the cost of arbitration as intimated by the arbitrator".

IN WITNESS whereof the said contracting parties have set their hands and seals on the day and year first hereinabove witness.

Witness Address

Employer

Witness Address

Contractor



GENERAL RULES AND INSTRUCTION FOR THE GUIDANCE OF TENDERERS

- 1 The Indian Bank 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 tender and the tenderer shall be bound to perform the same at the rate quoted.
- The rate quoted by the Tenderer shall be net, up to the stage of incorporation and handing over site. Only GST will be paid on producing necessary documents and bills. Rates shall be for SITC and for complete work

The rate quoted should be excluding GST.

The vendor who wishes to quote for the tender should have GST registration and should mention the registration number.

- 5 The Tenderer shall give a list of his relatives working with the Indian Bank along with their designations and addresses.
- No employee of the Indian Bank is allowed to work as a contractor for a period of two years of his retirement from Indian Bank service, without the previous permission of the Indian Bank. The contract is liable to be cancelled if either the contractor or any of his employees is found at any time to be such a person who had not obtained the permission of the Indian Bank as aforesaid before submission of the tender or engagement in the Tenderers service.
- The tender for works shall remain open for acceptance for a period of 90 days from the date of opening of Tender. If any tenderer who withdraws his tender before the said period, then the Indian Bank shall be at liberty to forfeit Earnest Money paid along with the tender.
- The tender for the work shall not be witnessed by a Tenderer or Tenderers who himself/ themselves has/have tendered or who may and had/ have tendered for the same work. Failure to observe this condition would render tenders of the Tenderers tendering as well as witnessing the tender liable to summary rejection.
- 9 It will be obligatory on the part of the tenderer to tender and sign the tender documents for all the component parts.
- Transfer of tender documents purchased by one intending Tenderer to another is not permitted.
- The Tenderer must pay the amount of Earnest Money as mentioned in the Notice of Tender Invitation by Bank Guarantee / Bank Demand Draft payable to Indian Bank. No interest on Earnest Money deposited by the Tenderer shall be allowed. The Tenderer should attach the Bank Guarantee / Bank Draft along with the tender failing which the tender will not be considered. No other mode of payment shall be accepted.
- The Bank Guarantee for **Earnest Money shall remain valid for 3 months** from the date of submission of tender. The Earnest Money Deposit of unsuccessful tenderers shall be refunded within three weeks of award of contract to the successful tenderer or within one week of actual commencement of work whichever is earlier and, in any case, not later than four months.
- 13 The Earnest Money Deposit of the successful tenderer shall be refunded on the acceptance by the Employer of the Contractor's Bank Guarantee/ Demand Draft towards Security Deposit.
- The EMD of the Tenderer, whose tender is accepted, shall be forfeited in full in case he does not start the work by stipulated date mentioned in the award letter.



	SUMMARY OF BOQ-FOR ELECTRICAL AND AC WORK FOR IN UNIVERSITY SHIKHOHABAD	NDIAN BANK AT FS
В	SCHEDULE - 'B'	
_ <u>D</u>		
2	ELECTRICAL WORK	a a
3	AIR CONDITIONING WORK	
	TOTAL	
	* GST EXTRA AS APPLICABLE	



	BOQ FOR ELECTRICAL WORKS AT: BRANCH & ATM LOBBY AT FOR INDIAN BANK AT FS UNIVERSITY SHIKHOHABAD					
s. No.	DESCRIPTION OF ITEM	QTY	иом	RATE (Rs.) (Excl. GST)	AMOUNT (Rs.) (Excl. GST)	
1	DISMENTALING OF EXISTING ELECTRICAL WORK AND DISPOSAL OF MALBA TO NEAREST MUNICIPAL GROUND INCLUDING TRANSPORTATION	0.00	Job			
2	SITC of 3 Nos. 200 Amp. Kit-kat Fuse unit along with 200 Amp. neutral link on wooden board of size 2'0" x 2'0" complete with connections complete in all respect to the satisfaction of Bank.	1.00	Set			
	Design, manufacture, providing, storing & installing in position, effecting proper connection, testing and commissioning of panel made of 16 SWG, CRCA sheet steel. It shall be dust and vermin proof. It shall have compartmentalized construction with bus bar chambers, cable alley, cable glands plate etc. as required, duly painted from inside as well outside. It shall have the following: MAIN PANEL: 1 No.100 Amp. TPN, MCCB (25 KA breaking capacity), Bus bars 100 Amp., 3 phase, 4 strips, 415 volts, 50 Hz. copper busbars with colour coded PVC heat shrinkable sleeves. There should be 2 sets of BUS BAR in such a way that AC load should not be connected to GENERATOR power. 100 Amp. Changeover Switch Instruments: Digital Multi function Meter of standard make for displaying Input Voltage, Ampere, Power factor, KWH used with CTs.	1.00	No.			
	OUTGOING: 5 Nos. 32 Amp. TP MCB (For LDB, PDB, Branch UPS, Inverter and Spare Feeder) from Generator Powered Bus. 2 Nos. 63 Amp. TP, MCB (For AC DB and Spare Feeders) from Non-Generator Powered Bus. 6-32 AMP DP MCB. 3 Nos (for Glow Sign board, Strong Room, and spare feeder) from Generator Powered Bus. The design of panel should be got approved by the Architect before manufacturing. Also, the provision for 1/2 spare outgoings should be considered for future expansion. The job shall be completed to the satisfaction of the Bank.					
4 1	UPS I/P, O/P AND DISTRIBUTION & INVERTER INPUT & DISTRIBUTION					



	BOQ FOR ELECTRICAL WORKS AT: BRANCH & ATM LOBB SHIKHOHABAD		INDIAN	BANK AT FS UN	VERSITY
s. No.	DESCRIPTION OF ITEM	QTY	иом	RATE (Rs.) (Excl. GST)	AMOUNT (Rs.) (Excl. GST)
a.	SITC of 32/40 Amp. TP MCB in encloser Double Door complete (Branch and Inverter Incomers) complete in all respects as required.	2.00	Nos.		
b.	SITC of 20/32 AMP Modular plug & socket along with MCB & plug top complete as per requirement and satisfaction of Bank. (2 for Branch's UPS Input, 2 for Branch's UPS Output)	2.00	Nos.		
c.	SITC of 12 WAY SPN Double Door DB complete with 1 No. 40 AMP DP MCB as incomer and 10 NOS. 6-10 AMP SPMCB as outgoing for Branch UPS power distribution to Computer points on Staff Counters / Tables.	1.00	No.	-	
d.	SITC of 8 WAY SPN Double Door DB complete with 1 No. 32 AMP DP MCB as incomer and 6 NOS. 6-10 AMP SPMCB as outgoing for UPS power distribution points for ESSENTIAL LODAS like CCTV System, Fire & Burglar Alarm Systems, Networking Rack, ATM and select Light points powered by UPS.	1.00	No.	-	
f.	SITC of 40/63 Amp. Rotary Phase selector switch complete with RYB indication in enclosure for Branch's UPS input power network and Inverter. Complete in all respect as required.	3.00	No		
5	RAW POWER & FAN, LIGHTING DB & AC DISTRIBUTION BOARD				
а.	SITC of 4 WAY HTPN DB IP43,lko9, complete with 1 No. 63 AMP TP MCB as incomer and 12 NOS. 6-32 AMP. SPMCB for out going as LDB, PDB & AC DB complete in all respect as required.	2.00	Nos.	·	
6	CABLES			*	-
	All cables / wires shall be routed through PVC conduits / bends / elbows etc., as required, of appropriate dia. The conduits shall be clamped firmly to the walls / columns / pillars etc. with clips / clamps and fasteners rigidly even if above false ceiling.				
	Complete job shall include cutting chiseling in walls, floor and making good of all chases / cuts etc. with combination of cement-mortar, including painiting with type and shade of existing wall. The work shall be completed to the satisfaction of Bank. NO CABLE / WIRE / CONDUIT SHALL BE VISIBLE IN THE BRANCH HALL / CUSTOMER LOBBY / STAFF WORKING AREA.				



	BOQ FOR ELECTRICAL WORKS AT: BRANCH & ATM LOBB		INDIAN E	BANK AT FS UNI	VERSITY
s. No.	DESCRIPTION OF ITEM	QTY	ŲOM	RATE (Rs.) (Excl. GST)	AMOUNT (Rs.) (Excl. GST)
a.	SITC of 3.5 Core 50.0 Sq.mm Aluminium conductor Armoured Cable for service line connection up to Kit kat fuse unit complete in all respect as required.	10.00	Mtr.		
b.	SITC of 4 core 6.0 Sq.mm Copper conductor Unarmoured Cable from main Panel to (a) LDB (b) PDB (c) Branch UPS input power supply. Note: In case inverter is present at the branch, the wiring from LDB should be with 2x6.0+1x2.5 sqmm wiring mentioned below and not with 4 core 6.0 Sq.mm Cable	30.00	Mtr.		
c.	SITC of 2 runs of 6.0 Sq.mm and 1 no. of 2.5 Sqmm FRLS PVC Insulated Multistrand Copper conductor wire from selector switch to UPS to UPS Distribution boards	20.00	Mtr.		
d.	SITC of 4 core 10.0 Sq.mm Copper conductor Unarmoured Cable from main Panel / Non Generator power Bus to (a) AC DB (b) Inverter	30.00	Mtr.		1
e.	SITC of Sub main Wiring for Strong room and Glow Sign Board with 2 No. 4.0 Sq.mm and 1 No. 2.5 Sq.mm Multistrand Copper conductor FR pvc/ xlpe insulated Wire in required dia pvc conduit complete in all respects as required.	20.00	Mtr.		3
f	SITC of 2 runs of 10.0 Sq.mm and 1 no. of 2.5 Sqmm FRLS PVC Insulated Multistrand Copper conductor wire from selector switch to inverter	15.00	Mtr.		
7	AC (Split and Cassette) POINT				
a.	SITC of AC Point Wiring with 2 No. 4.0 Sq.mm and 1 No. 2.5 Sq.mm Multistrand Copper Wire & Modular plug & Socket with 10/16 Amp. SPMCB complete in all respect as required by the Bank (for 1.0 / 1.5 Tr Hi-Wall Split ACs)	2.00	Nos.		
b.	SITC of AC Point Wiring with 2 No. 6.0 Sq.mm and 1 No. 2.5 Sq.mm Multistrand Copper Wire & Modular plug & Socket with 20 Amp. SPMCB complete in all respect as required by the Bank (for 2.0 Tr Hi-Wall Split / Cassette ACs)	3.00	Nos.		
8	FARTHING				
ð	EARTHING -				



	BOQ FOR ELECTRICAL WORKS AT; BRANCH & ATM LOBBY SHIKHOHABAD	· 经销售的 经有效的 化	INDIAN E	BANK AT FS UN	UNIVERSITY		
s. No.	DESCRIPTION OF ITEM	QTY	иом	RATE (Rs.) (Excl. GST)	AMOUNT (Rs.) (Excl. GST)		
a.	Preparation and commissioning of earth pits with PIP technology GEL type 50mmdia 3000mm long earth electrod. (One Dedicated Earthing for ATM UPS, Branch UPS and main panel	2.00	Nos.				
b.	SITC of Earthing conductor from earth terminal to load point with 6.0 sq mm multstrand copper conductor FR pvc /XLPE insulated cable in required dia pvc conduit complete in all respect as required.	30.00	Mtr.				
	UPG BOULT	0.00					
9	UPS POINT	8.00	Nos.		-		
	Supply & Installation of point wiring for UPS or stabilized power plug points on workstations / table for computers using 3 X1.5 Sq.mm copper conductor multi starnd FR PVC sheathed flexible wire including PVC conduite laid floor raceways/conduit and taken upto table top using PVC rigid or flexible conduits run within wooden/metal partitions. Each point consisting of 1 No. Phase Indication light,1 No.16A Switch ,1No, 16Amp and 2Nos 6A , 5/6 pin sockets & wired together forming one point. The earth wire of green color only.						
10	RAW POWER POINT						
	Same as serial no.1, but providing power point by using 2*4.00 sq.mm. PVC insulated 1100 V grade copper conductor wire with independent 1*4.0 sq.mm earth wire from D.B. to first point (Primary Point) and first to second point with 2*2.5 sq.mm. PVC insulated 1100 V grade copper conductor wire and 1*2.5 earth wire (Secondary Point). All wiring is to be provided in PVC conduit of suitable size. Each power point (Primary or Secondary) must include providing and fixing of a dual socket combination of 1 no. 16 Amp 6 –pin socket with 16 Amp. switch & 1 no. 6 Amp 5-pin socket with 6 Amp. switch. The switches should be Modular type switch / socket / plate etc. complete assembly).						
	There shall be a maximum of 2 points per circuit						
4	NOTE: The power point, complete as mentioned above, shall be placed on the low ht. / full ht. partition above the tables / counters at a suitable place to ensure convenient accessability for staff.						
	Primary Point	3.00	Nos.				
-	Secondary Point	1.00	Nos.				
11	LIGHT/FAN POINT						



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s. No.	DESCRIPTION OF ITEM	QTY	иом	RATE (Rs.) (Excl. GST)	AMOUNT (Rs.) (Excl. GST)
	Supply & Installation of concealed point wiring using 600v grade 1.5 Sq.mm copper conductor PVC insulated wires (with proper R,Y,B color code) pulled through heavy gauge PVC conduits laid concealed over false ceiling including 2 Nos. 2.5 sqmm circuit wires from the relevant DB and also including 2.5 sqmm green color copper earth wire and switch plate, switches, etc. as approved by the Bank's Engineer/Architect.				
a.	One light points controlled by one 6 amp. Modular switch.	18.00	Nos.		
b.	Two light points controlled by one 6 amp. Modular switch. (Cost shall include wiring of the first point from the switch board and then looping from the first point to the second point)		Nos.		
c	Three light points controlled by one 6 amp. Modular switch. (Cost shall include wiring of the first point from the switch board, then looping from the first point to the second point & further looping from the second point to the third point)	0.00	Nos.		
d.	Ceiling Fan Point including the cost of 6A Switch along with 5 step electronic fan regulator.	6.00	Nos.		
e.	Wall Fan Point along with 6 AMP switch	0.00	Nos.		
f.	Exhaust Fan Point along with 6 AMP switch	3.00	Nos.		
g.	Call Bell Point	1.00	Nos.		
12 a.	Wiring for computer networking from I/O hub to computer workstation with Cat-6 computer cable including providing ferrules at both ends and termination at both ends including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type. This work includes providing PVC conduits in chases from the I/O hub to the point.	6.00	Nos.		
b.	Supplying and fixing of 1 mtr long crimped patch cord	6.00	Nos.	_	
, c.	Supplying and fixing of 2 mtr long crimped patch cord	6.00	Nos.	•	
d.	Supplying and fixing of 16U Rack complete with exhaust fan, lockable front glass door, cable managers, electrical socket board etc.		Nos.		
e.	Supplying and fixing of 24 port jack panel	1.00	Nos.		



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s. No.	DESCRIPTION OF ITEM	QTY	UOM	RATE (Rs.) (Excl. GST)	AMOUNT (Rs.) (Excl. GST)
13	VOICE NETWORKING				
1.1	Wiring for Telephone / Intercom System from Tag Block to workstations / Tables / counters / outlets with 2 pair Telephone cable including providing ferrules at both ends and termination at both ends including providing & fixing frame for RJ11 socket with shutter, RJ11 outlet, faceplate and mounting box complete of modular type. This work includes providing PVC conduits in chases from the tag block to the individual point.	2.00	Nos.		
1.2	Supplying, laying, effecting terminations, testing and commissioning of 0.51mm dia Cu. Conductor, twisted, colour coded with polythene capor barrier, telephone cables in the existing tray or in conduit including providing &fixing conduit pipe or cable tray as required from building tag block to the floor as required.				
a)	Supplying & fixing 50 pair krone tag block with enclosure.	1.00	Nos.		
b)	P/L 50 Pair of PVC insulated PVC sheathed multi core jelly filled armored telephone Cable	30.00	Mtrs.		
14	FIXTURES Supplying, installation with hanging support , testing and				
9 <u>.</u>	commissioning of following light fixtures with electronic Ballasts, Tubes, lamps, all fixing materials including connecting wires etc. all complete as per the directions of Engineer-in-charge.(all Commercial LED Light Fixures should be covered with minimum 3 Years onsite replacement warranty)	25 28			
a.	FULL GLOW 2X2 LED 36W Ultra slim Smart Panel complete with driver of make As specified in tender document or approved by bank	10.00	Nos.		а
b.	LED 18/20 watt Tube Light with all accessories.make As specified in tender document or approved by ARCHITECT OR BANK		Nos.		
c.	supplying , fixing ,testing and commissioning of 15 W LED commercial type down lighter of make As specified in tender document or approved by ARCHITECT OR BANK	20.00	Nos.	, *	
d.	LED Strip having lighting 15W per 5 M with driver and necessary installation fittings Led strip light (5mtr.) make As specified in tender document or approved by ARCHITECT OR BANK	15.00	R.Mt.		



	SHIKHOHABAD				
s. No.	DESCRIPTION OF ITEM	QTY	иом	RATE (Rs.) (Excl. GST)	AMOUNT (Rs.) (Excl. GST)
e.	ENDURA LIGHT SQ SWIVEL - 3 W LED commercial type Spot lighter of make As specified in tender document or approved by ARCHITECT OR BANK	0.00	Nos.		
f.	LED Profile Light with aluminium cover & PVC cover length for cove lighting 15W per 5 M with driver and necessary installation fittings Led strip light (5mtr.) make As specified in tender document or approved by ARCHITECT OR BANK	0.00	R.Mt.	4	
g.	LED Focus Light - 10 W LED commercial type Focus lighter of make As specified in tender document or approved by ARCHITECT OR BANK	0.00	Nos.	es.	
h.	Wall mounted fans (METALLIC BODY) 450 mm dia. make As specified in tender document or approved by ARCHITECT OR BANK	0.00	Nos.	-	
i.	Supply &fixing of Ceiling fans 1200 mm double ball bearing make As specified in tender document or approved by ARCHITECT OR BANK with required down rod and hanging arrangement	6.00	Nos.		
j.	Supply & fixing of 230 mm exhaust fan 'Ventilair DX W' with self closing louvers and plastic body with all accessories etc. complete of make As specified in tender document or approved by ARCHITECT OR BANK	3.00	Nos.		
k.	SITC of Call Bell.	1.00	No.	,	1
1.	Angle holder complete in all respect with 18W CFL lamp (for Toilet and Strong room)	2.00	Nos.		



	BOQ FOR AIR CONDITIONING WORKS AT INDIAN BANK	K, FS UI	NIVERSI	TY SHIKHO	HABAD
S. No.	Description	UOM	Qty.	Rate (Rs.)	Amount (Rs.)
	AIR CONDITIONERS				
	Supplying, erection, testing and commissioning following wall				
	mounted Split / Root mounted split/cassette units of with				
	cordless remote complete with all necessary fittings duly			18	
	insulated with 9 mm thick nitrile rubber pipe insulation with				
	(All coils - copper only), fan and fan motor, machine control				
	panel improved Refrigerant Joints. Air conditioners shall be				
	fitted with hermetically sealed type suction cooled				
1	reciprocating or discharge cooled rotary compressor or scroll				
	compressor. Compressor unit operating on R32/ R-410. All				
	complete as per drawing, approval and instructions of the				
	Architect/ Employer (Rates to be inclusive of Copper				100
	refrigerant pipe with insulation and Drain pipe up to 3 Mtr	1 1			
	length). Item to include powder coated outdoor stands as				
	per the manufacturer specifications.				
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-		7			
	2.0 TR wall mounted split unit (Minimum 5-Star rating				, a
а	inverter type) including all necessary fittings and mountings	Nos.	0.00		
X	as specified by the manufacturer	-		-	
_	1.5 TR wall mounted split unit (Minimum 5-Star rating				=
b	inverter type) including all necessary fittings and mountings	Nos.	0.00		
	as specified by the manufacturer				
c	1.0 TR wall mounted split unit (Minimum 5-Star rating		0.00		
	inverter type) including all necessary fittings and mountings	Nos.	0.00		
2	as specified by the manufacturer	-		ļ	
	EXTRA REFRIGERANT PIPING				
	Supplying and laying of Extra copper refrigerant piping with				
	nitrile rubber pipe insulation, both of size as specified by the				
	manufacturer suitable for 1.5 TR TR Split type AC and 2.0 TR				
	TR Cassette AC (From Indoor to outdoor Units).				
	For 1.0 TR/1.5 TR/2.0 TR Split AC as specified by the			-	•
a	manufacturer	Mtr.	75.00		
	For 1.5 TR / 2.0 TR Cassette AC as specified by the				1
b	manufacturer	Mtr.	0.00		
3	DRAIN PIPING				
	Providing and fixing drain piping up to drain as directed by the			, , , , , , , , , , , , , , , , , , ,	
	engineer incharge with all accessories e.g. elbows, unions,				
	sockets, reducers, reducing tees, nipples etc. Complete job				
	including cutting chiseling in walls, floor and making good of				
	all chases/ cuts etc. and				
	discharging the drain into a floor trap/ gully as per site				
	conditions with insulation, both as specified by the				
	manufacturer.				
а	25 mm dia PVC drain pipe for Split AC	Mtr.	75.00		
b	32 mm dia PVC drain pipe for Cassette AC	Mtr.	0.00		



					9
4	Providing and fixng Stabilizer with 3 step relay and input voltage range of 170-270 V and output to be 230 V (Blue bird/Logic state/ Inline/ V-gourd) (copper winding).	1			*
а	4 KVA (For 1.0 TR / 1.5 TR AC)	Nos.	0.00		
Ь	5 KVA (For 2.0 TR AC)	Nos.	0.00		<u> </u>
<u> </u>	Supplying and laying of Extra Electrical interconnecting control		0.00		
5	cables from indoor to outdoor of size as specified by the manufacturer suitable for 15/2.0/3.0 TR Cassette type AC.	ı	0.00		
6	Supplying and laying of Extra Electrical interconnecting control cable from indoor to outdoor of size as specified by the manufacturer suitable for 1.0TR/1.5TR/2.0 TR Split type AC.	I	100.00		
7	Providing and fixing of lockable caging (including stand) for outdoor unit grouted on wall or on roof with open able shutter made of 10 X 10 mm MS square bars placed vertically @ 5" c/c welded with 40 X 3 mm MS flat all- round. Item includes all necessary hardware, priming coat, synthetic enamel paint, hanger, clamps other accessories etc. All complete as per approval and instructions of the Architect/ employer.				
а	For 2.0 TR / 1.5 TR ceiling mounted cassette unit	Nos.	0.00		
b	For 1.0/1.5/2.0 TR Hi Wall split units	Nos.	0.00		
8	Supply, installation, testing and commissioning of Drain pumps minimum 2 litre hi flow tank with all fixing materials etc. all complete as per the directions of Architect/ Engineer-incharge.	l .	0.00		
9	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)	Nos.	0.00		
10	Removing, Repairing & Refixing Old Split IDU & ODU & STABLIZER & MS FRAME from existing location to proposed location. It include nessesary repair & filling coolent gas as required as per direction given by Architect.		0.00		-
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推養性	he rates quoted includes all discounts, other taxes , duties , lo	JAMANA.	Control of the Contro	ND TOTAL	

