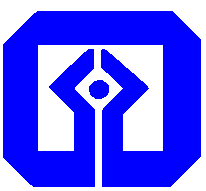
ZO/KOL/GAD/ 325/2022-23 Date: 27.12.2022



UCO BANK

Zonal Office, General Administration Department

1st Floor,3 & 4DD Block,Saltlake, Kolkata-700064

Email: zocalcutta.gad@ucobank.co.in

Phone: 033-44559157

Website http://www.ucobank.com

**Extension of RFP for Electrical , A.C & LAN Works For Shifting of Zonal Office, Kolkata from existing HO-2 premises to LLR Sarani Branch at No-5, 1st floor, LLR Sarani, Kolkata - 700020**

**PART-I (Technical Bid)**

|  |
| --- |
| **The information provided by the bidders in response to this RFP Document will become the property of the Bank and will not be returned. The Bank reserves the right to amend, rescind or reissue this RFP Document and all amendments will be advised to the bidders and such amendments will be binding on them. The Bank also reserves its right to accept or reject any or all the responses to this RFP Document without assigning any reason whatsoever.**  **This document is prepared by UCO Bank for Electrical , A.C & LAN Works for Shifting of Zonal Office, Kolkata from existing**  **HO-2 premises to LLR Sarani Branch at No-5, 1st floor, LLR Sarani, Kolkata – 700020. It should not be reused or copied or**  **used either partially or fully in any form.** |

**INDEX**

|  |  |  |
| --- | --- | --- |
| **Sl.No.** | **Particulars** | **Page No.** |
| **1** | **Notice Inviting Tender** | 3-5 |
| **2** | **Eligibility Criteria & Evaluation Criteria** | 6-6 |
| **3** | **REJECTION OF BID:** | 7-7 |
| **4** | **Scope of work** | 8-8 |
| **5** | GENERAL TERMS & CONDITIONS | 9-18 |
| **6** | ANNEXURE-I(FORMAT OF BANK GUARANTEE) | 19-20 |
| **7** | ANNEXURE-II(Draft Agreement) | 21-28 |
| **8** | **ANNEXURE -III(APPLICATION FORMAT)** | 29-30 |
| **9** | **ANNEXURE-iV( FORMAT OF INTEGRITY)** | 31-34 |
| **10** | **Annexure-V(Draft INDEMNITY)** | 35-36 |
| **11** | **Annexure-VI (Technical compliance statement)** | 37-37 |
| **12** | **price schedule-boq – ANNEXURE-VII** | 38-62 |
| **13** | **lIST OF APPROVED MAKE OF MATERIALS FOR ELECTRICAL,AC & LAN- ANNEXURE - VIII** | 63-65 |

|  |
| --- |
| **Disclaimer**  **While the document has been prepared in good faith, no representation or warranty , express or implied, is or will be made, and no responsibility or liability will be accepted by UCO BANK or any of its employees, in relation to the accuracy or completeness of this document and any liability thereof expressly disclaimed. The RFP is not an offer by UCO BANK, but an invitation for bidder’s responses. No contractual obligation on behalf of UCO BANK, whatsoever, shall arise from the offer process unless and until a formal contract is signed and executed by duly authorized officials of UCO BANK and the selected Bidder.** |

**Notice Inviting Tender**

**A)**UCO Bank invites sealed tender offers (technical and commercial offer)from reputed vendors dealing with electrical , A.C & LAN works towards execution of electrical , A.C & LAN works for Shifting of ZO, Kolkata & LLR Sarani Br at LLR Sarani branch premises of UCO bank, Kolkata.

The bidder (also called the vendor or bidder through this document) appointed under the Tender document shall own the single point responsibility for fulfilling all obligations and providing all deliverables and services required for successful implementation of the project.

**B) Salient Feature**

|  |  |
| --- | --- |
| Tender Reference | ZO/KOL/GAD/325/2022-23 dated 27.12.2022. |
| Name of the work | Electrical , A.C & LAN Works for Shifting of ZO, Kolkata from existing HO-2 premises to LLR Sarani branch at No-5, 1st floor, LLR Sarani, Kolkata – 700020. |
| Estimated Cost | Rs.33.42 Lakhs plus GST as per applicable rate |
| Cost of Tender Documents | Rs. 1340.00 (Rupees One Thousand Three Hundred Forty only) (Non refundable).Not Applicable for MSME(Document related MSME to be furnished Under Part-I). The tender document to be downloaded from Bank’s website www.ucobank.com. Cost of Tender Document is to be submitted with Technical Bid (Part-I of tender documents) in the form of Pay Order/Demand Draft in favour of UCO Bank, payable at Kolkata. |
| EMD | EMD: a) EMD of Rs. Rs.33,500/- (Rupees Thirty Three Thousand Five Hundred Only) must be submitted with Technical Bid (Part-I) in the form of pay order /demand draft in favour of UCO Bank, payable at Kolkata .Not Applicable for MSME(Document related MSME to be furnished Under Part-I).  b) EMD of unsucessful bidders will be released (without any interest) against their request letter after acceptance of L.O.I by the identified bidders .  c) EMD of L-1 bidders will be released (without any interest) after submission of Performance Bank Guarantee.  d)However, if Successful tenderer withdraws their acceptance of our L.O.I before submission of Performance Bank Guarantee, UCO Bank will have the right to forfeit the Earnest Money Deposit without making reference . |
| Advertisement in News Papers and Bank’s website on | 06/12/2022, www.ucobank.com |
| Pre Bid Meeting | Pre Bid Meeting will be held on 13/12/2022 at 15.00 hours in UCO Bank, GAD, Kolkata Zonal office at 1st Floor, 3 & 4 DD Block, Saltlake, Kolkata-700064 where issues relating to the tender will be discussed and clarifications, if any, will be furnished. Bidders are requested to attend the pre-bid meeting at their cost. The decision taken on Pre Bid meeting will be uploaded in Bank’s website in form of corregendum which will be the part of tender document. |
| Last Date & Time for Submission of Tender | 09/01/2023 at 16:00 PM at UCO Bank, GAD, Kolkata Zonal office at 1st Floor, 3 & 4 DD Block, Saltlake, Kolkata-700064 |
| Date and Time of Opening Technical Bid i.e Part-I | 10/01/2023 at 15:30 PM at UCO Bank, GAD, Kolkata Zonal office at 1st Floor, 3 & 4 DD Block, Saltlake, Kolkata-700064 |
| Date of Opening of Financial Bid | Financial Bid(Part-II of tender) of those vendors who will be qualified against Part-I of Tender,will be opened at a later date and the same will be communicated to all eligible vendors . |
| *Address of Communication* | UCO Bank, GAD, Kolkata Zonal office at 1st Floor, 3 & 4 DD Block, Saltlake, Kolkata-700064 |
| *Email address* | zocalcutta.gad@ucobank.co.in |
| **Contact Telephone/Fax Numbers** | Tel :033-4455-9157 |
| **Bids to be submitted** | Tender box placed at above address |
| Date of Opening of Financial Bid | Financial Bid(Part-II of tender) of those vendors who will be qualified against Part-I of Tender,will be opened at a later date and the same will be communicated to all eligible vendors . |
| Submission of Bids | Bid must be submitted in Two Bid System |
| **Mode of submission of Tender:** | Tenders which should always be placed in two envelopes, with the name of the project written on the envelopes will be received till 09/01/2023 upto 16.00PM at UCO Bank, Kolkata Zonal Office, GAD, at 1st Floor, 3 & 4 DD Block, Saltlake, Kolkata-700064 should contain Original Demand Draft of Tender Cost and EMD (Not Applicable for MSME. Document related MSME to be furnished Under Part-I), Bidder’s Covering letter, Application Format as stipulated in RFP,(Annexure-III), Documents in support of all eligibility criteria, Technical Compliance Statement and model quoted as per Annexure-VI, All pages of this RFP as downloaded from the website duly signed by the authorized representative of the company on all pages including all Annexures, Duly filled up integrity Pact as per Bank’s format.Envelope-2 should contain Price bid along with drawing, approved make of materials and summary sheet. The envelope-1 will be opened on 10-01-2023 at 15.30PM in the office of Zonal Manager, UCO Bank, Kolkata Zonal Office, GAD, at 1st Floor, 3 & 4 DD Block, Saltlake, Kolkata-700064. The committee constituted for the purpose shall scrutinize the documents furnished in envelope–1, and pre-qualify suitable contractors. The price bid of the pre -qualified contractors shall alone be opened and the date and time shall be intimated separately. The decision of the committee regarding pre-qualification of contractors shall be final. |
| Validity of Tenders | 90 (Ninety) days from the date of opening. |

**C)Documents required with the prescribed form:**

The envelope containing Part-I of tender should be super scribed clearly “ Part-I (Technical Bid)” and the name of work and will be addressed to ‘The Zonal Manager, UCO Bank, Kolkata Zonal office, GAD at 1st Floor, 3 & 4 DD Block, Saltlake, Kolkata-700064” and must be submitted on or before the stipulated date& time of submission of tender.

Contents for Technical Bid(Part-I) to be submitted:

1. Original Demand Draft of Tender Cost and EMD (Not Applicable for MSME. Document related MSME to be furnished Under Part-I).
2. Bidder’s Covering letter.
3. Application Format as stipulated in RFP,(Annexure-III).
4. Documents in support of all eligibility criteria.
5. Technical Compliance Statement and model quoted as per Annexure-VI.
6. All pages of this RFP as downloaded from the website duly signed by the authorized representative of the company on all pages including all Annexures.
7. Duly filled up integrity Pact as per Bank’s format.

Contents for Price Bid(Part-II) to be submitted:

1. Price Bid along with drawing.
2. Approved make of materials.
3. Summary sheet

D) Miscellaneous Items:

1) All the information relating to corrigendum if any, result of pre-bid meeting , selection of bidders to participate in Price Bid , name of L-1 bidders etc. will be uploaded in Bank’s website which may please be noted. No separate newspaper notification will be issued in this regard.

2) Vendor’s representatives will be allowed to be present during opening of bids at their cost.

3)In case date of pre-bid meeting, last date of receipt or opening of tender are declared as holiday, the respective date shall be treated as deferred and will be re-scheduled to next working day correspondingly.

4)It may be noted that the requirement given in this RFP is indicative only .

5)Tenders/offers through email will not be accepted.

**6)** Bank reserve the authority to accept or cancel any or all tenders without assigning any reason.

**7)** All tenders in which any of the prescribed conditions are not fulfilled or are incomplete in any respect or there is any correction in Price Bid is not duly signed and dated by the bidder are liable to be rejected.

Zonal Manager,

Zonal Office -GAD

UCO Bank, Kolkata

**Eligibility Criteria**

**i)**The bidder must be a Firm/Company/Govt. Deptt. having at least 7 years experience as on 31/03/2022, in the field of Electrical (involving Electrical, A.C & LAN ) works at commercial/ office/bank/institutional premises ( Related documents to be enclosed ) & valid Trade license issued by the Local Body, authorized to issue such certificate.

**ii)**The bidder must have a minimum Annual turnover of twice of estimated project cost for the last three financial years ending 31.03.2022. Certificate of audited balance sheet for last three years must be enclosed. **Vendor should be a profitable organization**

**iii)** The bidder must be registered under GST.

**iv)** The bidder should have PAN.

**v)** Valid Electrical Contractor license in the name of firm/ company.( Necessary documents to be enclosed as a proof.)

**vi)** The bidder must have experience in executing the similar work as under at Public Sector Banks/RBI/Govt. Organizations/PSU/Reputed Private Organization:

a. Three similar completed works each costing not less than the amount equal to 40% of the estimated cost within seven years ending last day of the month previous to the one in which applications are invited in execution of similar works. **or**

b. Two similar completed works each costing not less than the amount equal to 50% of the estimated cost within seven years ending last day of the month previous to the one in which applications are invited in execution of similar works. **or**

c. One similar completed work costing not less than the amount equal to 80% of the estimated cost within seven years ending last day of the month previous to the one in which applications are invited in execution of similar works .

**vii)** The bidder should have well equipped registered Service Centre at Kolkata i.e 30 KM from UCO Bank Zonal Office.

**Evaluation Criteria**

1. Lowest Bid Value will be evaluated on lowest price offered by the bidder against Price Bid(e-Price Bid) subject to fulfillment of all the criteria as stipulated in RFP.

**REJECTION OF BID:**

The bid is liable to be rejected summarily if:

● Tenders are not received in two parts in separate envelopes.

●It is not in conformity with the instruction mentioned in this tender document.

● If it is not accompanied by requisite tender cost and EMD as stated above.

● It is received after expiry of the due date and /or time.

● It is evasive and contains incorrect information.

●If there is canvassing of any kind.

●It is submitted anywhere other than the tender box or to the addressee.

●If any indication of price/rate/charges is being found in Part-I of the tender.

● If the tender/R.F.P is conditional.

* If there is any conflict of Interest between Bank and Tenderer at any stage.

**Scope of work:**

The work consists of electrical, A.C & LAN works towards execution of electrical, A.C & LAN works for Shifting of ZO, Kolkata & LLR Sarani Br at LLR Sarani branch premises of UCO bank, Kolkata. Details of BOQ for electrical, A.C & LAN works are mentioned in Annexure-VII. If any detail essential for efficient completion of the work be omitted from the specification it shall be the responsibility of the contractor to inform the Bank /consultants, so that upon completion of the proposed work the same will be acceptable and ready for use and purpose of electrical, A.C & LAN works will not be defeated. Bank has its own discretion to issue further written instructions, details, directions and explanations which are hereafter collectively referred to as the Bank instructions in regard to:

A: The variation on modification of the quality or quantity of work or the addition or omission or substitution of any work:

B: Any discrepancy between the schedule of quantities and or specification.

C: The removal from the site of any defective material brought thereon by the contractor and the substitution of any other material thereof.

D: The demolition removal and /or rejection of any work executed by the contractor/s

E: The dismissal from the work of any persons employed thereupon.

F: The opening up for inspection of any work covered up.

G: The rectification and making good of any defects under clauses hereinafter mentioned and those arising during the defect liability period.

The contractor shall forthwith comply with at their cost and duly execute any work comprised in such Bank instructions, provided that verbal instructions, directions and explanations given to the contractor or his representative upon the work by the Bank shall, if involving a variation, be confirmed in writing to the contractor within seven days. No work for which rates are not specifically mentioned in the priced Schedule of quantities shall be taken up without written permission of the Bank. **In case any extra item of work other than the items quoted OR additional quantity of the items quoted, crops up during the execution of work, prior approval for execution of such work and the amount involved therein should be obtained well in advance from General Administration Department, Zonal Office Kolkata, UCO Bank, upon submission of proper justification for the extra item of work / additional quantities of work. Any extra work / additional quantities carried out without obtaining such prior approval will be at the risk of the Contractor. For any technical assistance / inquiry contact M/s Dearch Designs & Constructions Pvt. Ltd., Mr. Chandrayan Chatterjee, Project Mgr., Ph. No: 9830018243.**

GENERAL TERMS & CONDITIONS

**1 .Price and Taxes:**

i) The price shall be firm and binding without any escalation through out the contract periodi.e(Till Completion of Work).The prices (in Indian Rupees) should indicate All inclusive Price of the furniture[i.e. basic price, transportation, insurance (to cover equipment during the transit, installation at site and handing it over to the Bank), Duties, installation charges, comprehensive on site warranty of one year covering all parts, consumables, labour etc]GST should be shown separately. If the Bidders fails to include them in the tender, no claim thereof will be considered by the Bank afterwards.

ii) **Additional Terms & Condition on GST are as follows:**

* Supplier/service provider to confirm that the GST amount charged in invoice is declared in its returns and payment of taxes is also made.
* The Supplier/ Service Provider agrees to comply with all applicable GST laws, including GST acts, rules, regulations, procedures, circulars & instructions there under applicable in India from time to time and to ensure that such compliance is done within the time prescribed under such laws. Supplier/Service Provider should ensure that accurate transaction details, as required by GST laws, are timely uploaded in GSTN[[1]](#footnote-2). In case there is any mismatch between the details so uploaded in GSTN by Supplier/ Service Provider and details available with UCO Bank, then payments to Supplier/Service Provider to the extent of GST relating to the invoices/s under mismatch may be retained from due payments till such time the accurate tax amount is finally reflected in the GSTN to UCO Bank’s Account and is finally available to UCO Bank in terms of GST laws and that the credit of GST so taken by UCO Bank is not required to be reversed at a later date along with applicable interest.
* UCO Bank has the right to recover monetary loss including interest and penalty suffered by it due to any non-compliance of tax laws by the supplier/service provider. Any loss of input tax credit to UCO Bank for the fault of supplier shall be recovered by UCO Bank by way of adjustment in the consideration payable or otherwise.
* Supplementary invoices/debit note/credit note for price revisions to enable UCO Bank to claim tax benefit on the same shall be issued by Vendor for a particular year before September of the succeeding financial year.

The purchase order/ work order shall be void, if at any point of time Vendorare found be to a black listed dealer as per GSTIN rating system and further no payment shall be entertained.

2. Placement of Order/Letter Of Indent(LOI):

Bank will issue the LOI as per requirement accordingly with details terms & conditions.

3. **Terms of Payment :**

a) 50% to be released as one running bill after completion of 50% work of total

value.

1. 40% to be released after entire work is completed and handed over to the satisfaction and certification of the consultant.
2. 10% to be released after the defect liability period of 12 months, without any interest.

**Earnest Money/ Security Deposit & Retention Money:** The tenderer will have to deposit an amount of **Rs 33,500/--(Rupees Thirty Three Thousand Five Hundred Only.)** in the form ofBank draft drawn in favour of UCO Bank, payable at Kolkata at the time of submission of tender as an Earnest money. The employer is not liable to pay any interest on the earnest money. The Earnest money of the unsuccessful tenderers will be refunded without any interest soon after the decision to award the work is taken after the expiry of the validity period of the tender.

The successful tenderer to whom the contract is awarded will have to pay an initial security deposit equal to 2% of the value of the accepted tender including the Earnest Money. So the balance amount ( ISD – EMD ) be paid to UCO Bank vide pay order / DD within 7days of bank informing about acceptance of this offer , failing which the employer at his discretion may revoke the letter of acceptance and forfeit the earnest money deposit furnished along with the tender. It shall be refunded to the contractor within 14 days on completion of the entire works and after the certificate of virtual completion is issued by the architect.

A total 10% of project cost will be kept as security deposit which is inclusive of ISD.

**Retention Money :**

The retention percentage ( i.e deduction from interim bill ) shall be 8% of the gross

value of each interim bill.

50% of the total security deposit will be refundable to the contractor subjected to the following :

* + Issue of completion certificate by the owner .
  + Contractors removes his materials , equipments , labour force , temporary sheds, store etc. from the site after completion of the work ( excepting for a small presence required if any for the defect liability period & approved by the bank).
  + 25% of the total security deposit may be refunded 14 ( Fourteen ) days after the end of defect liability period, provided the contractor has satisfactorily carried out all the work & attended to all the defects in accordance with the conditions of contract. However, the remaining 25% will be refunded to the contractor only after the observations / objections of chief technical examiner of C.V.C are satisfied & removed. No interest is payable on EMD , Initial security deposit & retention money.
  + The Initial security deposit & retention money of the successful tenderer may be forfeited if he fails to comply with any of the conditions of the contract.

4.a. **Performance Bank Guarantee:**

Successful Bidders will have to submit a performance Bank Guarantee equivalent to 3% of work order value prior to or at the time of execution of the Agreement which will be valid till completion of the work in all respects for due performance of the contract, with a claim period of further three months. The Bank Guarantee to be issued by any Nationalized Bank or any scheduled commercial Bank banking in India other than UCO Bank or its subsidiary, as per enclosed format in Annexure-1. Any defect in the work or operational service, arising out during the period and not attended by the contractor within two days from the date of reporting the defect, will be rectified by the Bank through some other agency and the cost thereof will be recovered from the company and or by invoking the B.G. Bank has the right to invoke the BG for any non-compliance of the terms & conditions of this RFP or the Contract to be executed between the selected bidder and the Bank at any point of time **without prejudice to its other rights and remedies available under the Contract and/or the Law (s) for the time being in force**.

**4.b Insurance:** Successful bidder will insure the work with third party liability, at their own cost in joint name of the Bank with 1st name being of ‘UCO Bank’, within 14 (Fourteen) days from the date of issue of this work order or handing over of site which ever is later and keep the same valid until virtual completion of the work, by an ‘ALL RISK’ insurance policy for full value of the contract. The insurance policy is to be submitted to us in original.

**5. Execution of Agreement:** The successful bidders will have to execute an Agreement with **Bank** in non-judicial stamp paper of requisite value purchased in favour of the vendor or UCO Bank and duly notarized as per the draft of Agreement as per **Annexure-II**.

**6. INTEGRITY:** Integrity Pact(IP) as per Bank’s format as per **Annexure-IV** on Non-Judicial Stamp Paper of appropriate value **has to be submit under Part-I(Technical Bid) of Tender documents.**

Integrity Pact, in respect of a particular contract, shall be operative from the date Integrity Pact is signed by both the parties till the final completion of the contract. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings. Integrity Pact shall cover all phases of contract i.e. from the stage of Notice Inviting Tenders (NIT)/Request for Proposals (RFP) till the conclusion of the contract i.e. final payment or the duration of warrantee/guarantee. Format of Integrity Pact is attached as Annexure for strict compliance.

Each and Every bidder has to execute pre contract integrity pact as per Bank’s format as per **(Annexure-IV)** on non-judicial stamp paper of appropriate value. Scanned copy of pre contract integrity pact must be uploaded in our e-tender website.

1. INDEMNITY: The Vendor / bidder agrees to indemnify and keep indemnified, defend and hold harmless the Bank and its officers, directors, employees and agents from and against any and all losses, liabilities, claims, obligations, costs, expenses (including, litigation cost, reasonable attorneys fees), arising before or after completion of Supply and installation of furnitures at newly constructed Executive Training Centre Building at Newtown, Kolkata, which result from, arise in connection with or are related in any way to claims by third parties arising out of or in connection with

* The Vendor’s / bidder’s breach of any of the terms and conditions, representations, warranties specified in the Agreement/Contract; infringement of Intellectual Property Rights of the Bank; acts or omissions of, negligence, or misconduct by the Vendor/bidder; or its professionals, representatives, agents, security analysts, consultants and advisors;
* For the purpose of the Agreement, the vendor / bidder shall include the vendor / bidder, its personnel, employees, consultants, and / or other authorized persons.
* In no event shall the vendor/bidder be liable for claims arising from or in connection with the sole negligence or misconduct of the party seeking indemnification.
* The responsibility to indemnify set forth in this Clause shall survive the termination of this Agreement for any reason with regard to any indemnity claims arising in relation to the performance hereof.
* The selected vendor/bidder has to furnish a letter of undertaking cum indemnity in Bank’s favour as per the format to be supplied by the Bank at the time of execution of the Agreement.

The Bidders shall also indemnify Bank against all third party claims of infringement of patent, trademark or industrial design rights arising from use of the Goods/services, Software package or any part thereof in India and abroad.

In the event of any claim asserted by the third party of infringement of copyright, patent, trademark or industrial design rights arising from the use of the Goods/services or any part thereof in India, the Bidder shall act expeditiously to extinguish such claims. If the Bidder fails to comply and Bank is required to pay compensation to a third party resulting from such infringement, the Bidder shall be responsible for the compensation including all expenses, court costs and lawyer fees. Bank will give notice to the Bidder of such claims, if it is made, without delay by fax/e-mail/registered post. Draft format given in Annexure-V.

8.Taxes and Duties: The bidder will be entirely responsible to pay all taxes whatsoever in connection with delivery of the services at the sites including incidental services. Wherever the laws and regulations require deduction of such taxes at the source of payment, Bank shall effect such deductions from the payment due to the vendor. The remittance details of amount so deducted and issue of certificate for such deductions shall be made by Bank as per the laws and regulations in force.

Nothing in the contract shall relieve the vendor from his responsibility to pay any tax that may be levied in India/abroad on income and profits made by the vendor in respect of this contract.

9.AUTHORIZED SIGNATORY :The selected bidder shall indicate the authorized signatories who can discuss and correspond with BANK, with regard to the obligations under the contract. The selected bidder shall submit at the time of signing the contract a certified copy of the resolution of their board, authenticated by the company secretary, authorizing an official or officials of the bidder to discuss, sign agreements/contracts with BANK, raise invoice and accept payments and also to correspond. The bidder shall provide proof of signature identification for the above purposes as required by BANK.

10.CLARIFICATIONS ON AND AMENDMENTS TO RFP DOCUMENT: Prospective bidders may seek clarification on the RFP document by letter/fax/e-mail till the date and time mentioned in this RFP. Further, at least 7 days prior to the last date for bid-submission, the Bank may, for any reason, whether at its own initiative or in response to clarification(s) sought from prospective bidders, modify the RFP contents by amendment. Clarification /Amendment, if any, will be notified on Bank’s website and such notification shall be deemed to be sufficient notice to all. No individual communication will be sent to any bidder in this regard. On the issue of any such notice regarding modification of contents of RFP, this RFP shall be read as if such modification were part of the original RFP.

**11.Liquidated Damage:** In case of failure to complete the work within the stipulated period of time by fault of the successful vendors, liquidated damage @ 1% of the accepted contract sum for delay of each week or part thereof shall be recovered from successful vendors . The total of liquidated damage shall be subject to a maximum of 10% of the accepted contract value, accrual of which entitles us to rescind the contract.

12.TERMINATION FOR DEFAULT(S)

Bank reserves its right to cancel the work/purchase order and/ or terminate this Agreement by giving 15 days’ prior notice in writing to the Vendor without prejudice to its rights and contentions available under this Agreement or under the Law (s) for the time being in force in the following circumstances: -

a) Unnecessary or unwarranted delay in execution of the work allotted.

b) Delay in providing the requisite manpower at the Bank’s site.

c) The vendor violates any Laws, Rules, Regulations, Bye-Laws, Guidelines, and Notifications etc.

d) Breach of trust is noticed during any stage of the consultancy assignment.

e) The selected bidder commits a breach of any of the terms and conditions of the bid.

f) The selected bidder goes in to liquidation voluntarily or otherwise.

g) An attachment is levied or continues to be levied for a period of 7 days upon the effects of the bid.

h) If it is found at any stage that the bidder has concealed any important information or has submitted any false information or declaration particularly regarding any pending legal action or blacklisting status.

i) If there is any conflict of interest.

j) An attachment is levied or continues to be levied for a period of seven days upon effects of the contract.

k)If fails to complete the assignment as per the time lines prescribed in the Purchase order/ Agreement and/or within the extension, if any allowed.

In addition to the cancellation of work order/termination of the master contract, the Bank reserves the right to appropriate the damages from the earnest money deposit (EMD) provided by the selected bidder and/or forfeit the Performance Bank guarantee furnished by the vendor or other wise. The Bank also reserves the right to recover any dues payable by the selected bidder from any amount outstanding to the credit of the selected bidder, including the pending bills and security deposit, if any, under this contract or any other contract/order.

Notwithstading anything contained hereinbefore, Bank shall have the right to terminate the contract at any time at its own convenience by serving a prior written notice of 15 days to the vendor without assigning any reason and withoout cost or compensation therefor.

**13. CONSEQUENCES OF TERMINATION:** The Bank at its sole discretion shall invoke the Performance Guarantee, and the Indemnity furnished towards non performance/non Compliance of the terms and conditions of the work order/contract by the Contractor/Vendor, without prejudice to its rights and conditions available under the Law for the time being in force.

**14. Date of Commencement of work:** The work shall be deemed to be commenced from **seventh day** from the date of receipt of work order/Purchase order. The work should be started in consultation with Z.O-GAD.

**15. Time of Completion: 3 weeks (Three Weeks)** from the stipulated date of commencement of the work.

16.RESPONSIBILITY FOR COMPLETENESS: Any supplies and services which might not have been specifically mentioned in this R.F.P/tender / contract but are necessary for the design, manufacture, supply, testing, handing over, operationalizing, performance or completeness of the contract, shall be provided / rendered as per the time schedule for the efficient and smooth operation and maintenance of the system under Indian conditions. The approval by the Bank at any stage for any supplies by the vendor shall not relieve the vendor of his obligation.

## 17. DISPUTE RESOLUTION MECHANISM: The Vendor and The Bank shall endeavor their best to amicably settle all disputes arising out of or in connection with the Contract in the following manner:

**a.** The Party raising a dispute shall address to the other Party a notice in writing requesting an amicable settlement of the dispute within seven (7) days of receipt of the notice.

**b.** The matter will be referred for negotiation between designated officials of the Bank /Purchaser and the Authorised Official of the Bidder. The matter shall then be resolved between them and the agreed course of action documented within a further period of 15 days.

In case any dispute between the Parties, does not settle by negotiation in the manner as mentioned above, the same shall be resolved exclusively by arbitration and such dispute may be submitted by either party for arbitration within 20 days of the failure of negotiations. Arbitration shall be held in Kolkata and conducted in accordance with the provisions of Arbitration and Conciliation Act, 1996 or any statutory modification or re-enactment thereof. Each Party to the dispute shall appoint one arbitrator each and the two arbitrators shall jointly appoint the third or the presiding arbitrator.

The “Arbitration Notice” should accurately set out the disputes between the parties, the intention of the aggrieved party to refer such disputes to arbitration as provided herein, the name of the person it seeks to appoint as an arbitrator with a request to the other party to appoint its arbitrator within 45 days from receipt of the notice. All notices by one party to the other in connection with the arbitration shall be in writing and be made as provided in this tender document. The arbitrators shall hold their sittings at Kolkata.

The arbitration proceedings shall be conducted in English language. Subject to the above, the courts of law at Kolkata alone shall have the jurisdiction in respect of all matters connected with the Contract/Agreement. The arbitration award shall be final, conclusive and binding upon the Parties and judgment may be entered thereon, upon the application of either party to a court of competent jurisdiction.

Each Party shall bear the cost of preparing and presenting its case, and the cost of arbitration, including fees and expenses of the arbitrators, shall be shared equally by the Parties unless the award otherwise provides. The Bidder shall not be entitled to suspend the Service/s or the completion of the job, pending resolution of any dispute between the Parties and shall continue to render the Service/s in accordance with the provisions of the Contract/Agreement.

**18.GOVERNING LAWS AND JURISDICTION:** This contract shall be governed by and construed in accordance with the Laws of India for the time being in force and all the dispute(s) or difference(s) arising out of or in connection with the contract shall be subject to the exclusive jurisdiction of the courts at Kolkata.

**19.NOTICES:** Notice or other communications given or required to be given under the contract shall be in writing and shall be faxed/e-mailed followed by either hand-delivery with acknowledgement thereof, or transmitted by pre-paid registered post or courier. Any notice or other communication shall be deemed to have been validly given on date of delivery if hand delivered & if sent by registered post than on expiry of seven days from the date of posting.

**20. PUBLICITY:** Any publicity by the bidder in which the name of Bank is to be used should be done only with the explicit prior written permission of Bank. The Vendor shall not make or allow to make a public announcement or media release about any aspect of the Contract unless BANK first gives the Vendor its prior written consent.

**21. FORCE MAJEURE:** Force Majeure is herein defined as any cause, which is beyond the control of the selected bidder or BANK as the case may be which they could not foresee or with a reasonable amount of diligence could not have foreseen and which substantially affect the performance of the contract, such as:

* 1. Natural phenomenon, including but not limited to floods, droughts, earthquakes and epidemics
  2. Acts of any government, including but not limited to war, declared or undeclared priorities, quarantines and embargos
  3. Terrorist attack, public unrest in work area

Provided either party shall within 10 days from occurrence of such a cause, notify the other in writing of such causes. The bidder or BANK shall not be liable for delay in performing his/her obligations resulting from any force majeure cause as referred to and/or defined above.

Any delay beyond 30 days shall lead to termination of contract by parties and all obligations expressed quantitatively shall be calculated as on date of termination. Notwithstanding this, provisions relating to indemnity, confidentiality survive termination of the contract.

**22. CONFIDENTIALITY:** The bidder must undertake that they shall hold in trust any Information received by them, under the Contract/Agreement, and the strictest of confidence shall be maintained in respect of such Information. The bidder has also to agree:

* To maintain and use the Information only for the purposes of this Contract/Agreement and only as permitted by BANK;
* To only make copies as specifically authorized by the prior written consent of Bank and with the same confidential or proprietary notices as may be printed or displayed on the original;
* To restrict access and disclosure of Information to such of their employees, agents, strictly on a “need to know” basis, to maintain confidentiality of the Information disclosed to them in accordance with this Clause and
* To treat all Information as Confidential Information.
* Conflict of interest: The Vendor shall disclose to BANK in writing, all actual and potential conflicts of interest that exist, arise or may arise (either for the Vendor or the Bidder’s team) in the course of performing the Service(s) as soon as practical after it becomes aware of that conflict.

**23. NON-TRANSFERABLE OFFER:** This Request for Proposal (RFP) is not transferable. Only the bidder who has purchased this document in its name or submitted the necessary RFP price (for downloaded RFP) will be eligible for participation in the evaluation process. There will not be any type of outsourcing.

The bidder should also submit an undertaking to the effect that he has not made any modification in the original copy of RFP and his bid would be liable for rejection for any violation of the above.

**24. PERIOD OF VALIDITY OF BID:** Bids shall remain valid for Ninety days after the date of bid opening prescribed by BANK. BANK holds the rights to reject a bid valid for a period Ninety days as non-responsive, without any correspondence. In exceptional circumstances, BANK may solicit the Bidder’s consent to an extension of the validity period. The request and the response thereto shall be made in writing. Extension of validity period by the Bidder should be unconditional and irrevocable. The Bid Security provided shall also be suitably extended. A bidder acceding to the request will neither be required nor be permitted to modify its bid. A bidder may refuse the request without forfeiting its bid security. In any case the bid security of the bidders will be returned after completion of the process.

**25. ADDRESS OF COMMUNICATION:** Offers/bid should be addressed to the address given in this RFP.

**26. PRELIMINARY SCRUTINY:** BANK will scrutinize the offers/bids to determine whether they are complete, whether any errors have been made in the offer/bid, whether required technical documentation has been furnished, whether the documents have been properly signed, and whether items are quoted as per the schedule. BANK may, at its discretion, waive any minor non-conformity or any minor irregularity in an offer/bid. This shall be final, conclusive and binding on all bidders and BANK reserves the right for such waivers.

**27. NO COMMITMENT TO ACCEPT LOWEST OR ANY OFFER/BID:** BANK shall be under no obligation to accept the lowest or any other offer received in response to this offer notice and shall be entitled to reject any or all offers without assigning any reason whatsoever. BANK has the right to re-issue tender/bid. BANK reserves the right to make any changes in the terms and conditions of purchase that will be informed to all bidders. BANK will not be obliged to meet and have discussions with any bidder, and/or to listen to any representations once their offer/bid is rejected. Any decision of BANK in this regard shall be final, conclusive and binding upon the bidder.

**28. SIGNING OF THE BID:** The bid shall be signed by a person or persons duly authorized by the Bidder with signature duly attested. In the case of a body corporate, the bid shall be signed by the duly authorized officers and supported by internal corporate authorizations.

**29.COSTS OF PREPARATION & SUBMISSION OF BID:** The bidder shall bear all costs for the preparation and submission of the bid. BANK shall not be responsible or liable for reimbursing/compensating these costs, regardless of the conduct or outcome of the bidding process.

**30.SUB CONTRACTING:** The Bidder will not subcontract or delegate or permit anyone other than the Bidder personnel to perform any of the work, service or other performance required of the Bidder under this agreement without the prior written consent of the Bank and the bank’s decision in this regard will be final and acceptable to the bidder.

**31.OWNERSHIP AND RETENTION OF DOCUMENTS**

* BANK shall own the documents, prepared by or for the selected bidder arising out of or in connection with the Contract.
* Forthwith upon expiry or earlier termination of the Contract and at any other time on demand by BANK, the Vendor shall deliver to BANK all documents provided by or originating from BANK/ Purchaser and all documents produced by or from or for the Vendor in the course of performing the Service(s), unless otherwise directed in writing by BANK at no additional cost.
* The selected bidder shall not, without the prior written consent of BANK/ Purchaser store, copy, distribute or retain any such Documents.
* The selected bidder shall preserve all documents provided by or originating from BANK/ Purchaser and all documents produced by or from or for the Vendor in the course of performing the Service(s) in accordance with the legal, statutory, regulatory obligations of UCO BANK/Purchaser in this regard.

**32.Signing of Contract/Agreement**

The successful bidder / Contractor is required to enter into a Contract as per Bank’s prescribed format within 15 days from the date of acceptance of Bank’s offer valid up to completion of job effective from the date of execution of contract, unless terminated earlier by the Bank by serving 15 days prior notice in writing to the Contractor/ selected bidder at its own convenience without assigning any reason and without any cost or compensation there for. The failure, delay or evasion on the part of the successful bidder to execute the Contract within the period mentioned will entitle the Bank to forfeit the Earnest Money deposited by the successful bidder/Consultant, without further notice to the successful bidder/ Consultant. Further, the failure, delay or evasion on the part of the successful bidder / consultant to commence project within 15 days from the date of execution of the Master Contract will result in termination of the Contract and invocation of the Bank Guarantee by the Bank without prejudice to its other rights and remedies available under the contract and/or Law(s) for the time being in force.

**33. Bank reserves the right to the following:**

Bank reserves its rights, without giving any reason whatsoever and without any cost or compensation there for, to.

* Reject any or all proposals received in response to the RFP
* Reject the proposals received in response to the RFP containing any deviation from the payment terms as stipulated in RFP.
* Waive or Change any formalities, irregularities, or inconsistencies in RFP.
* Extend the time for submission of proposal.
* Modify the RFP document, by an amendment that would be notified on the Bank’s website.
* Independently ascertain information from the Banks and other institutions / companies to which the bidder has already extended IFRS / Converged Indian Accounting Standards (IND-AS) services for similar assignment.
* Modify the time period stipulated above for completion of assignment during the execution of assignment if it deems fit.

**34. Forfeiting of Bid Security/EMD:** The Bid security/EMD may be forfeited: -

1. if a Bidder withdraws its Bid during the period of Bid validity specified in the RFP

or

1. if it was found that the successful Bidder had made any statement or had enclosed any documentary evidence which turns out to be false/incorrect at any time till the bank’s final settlement of the bills submitted by the bidder, for the audit assignment undertaken by the bidder.
2. The bid security amount will be forfeited if the vendor refuses to accept work order or having accepted the work order fails to carry out his obligations mentioned therein.

**35. Compliance Confirmation:** The Bidder must submit unconditional and unambiguous compliance confirmation to all the terms and conditions stipulated in the RFP.

**36.Proposal Ownership:** The proposal and all supporting documentation submitted by the bidders shall become the property of the Bank. The proposal and documentation may be retained, returned or destroyed as the Bank decides.

Zonal Manager,

Zonal Office -GAD

UCO Bank, Kolkata

## ANNEXURE-I

## FORMAT OF BANK GUARANTEE

To:

The ………………………………………..

………………………………………………

………………………………………………

**(To be stamped in accordance with the stamp act)**

1. In consideration of UCO BANK, a body corporate constituted under the Banking Companies (Acquisition & Transfer of Undertaking) Act, 1970, having its Kolkata ZO at 3 & 4DD Block, 1st Floor, Saltlake, Kolkata-700064 (hereinafter called “UCO BANK”) having agreed to engage M/s (Name of the vendor Company) a Company incorporated under the Companies Act, 1956 having its registered office at (Address of the vendor company) (hereinafter called “the said VENDOR”) from the demand, under the terms and conditions of UCO BANK’s purchase order/ Letter of Intent bearing no. ….dated…………………. issued to the Vendor and an Agreement no………dated…….. made between UCO BANK and the Vendor for a period of …………. . in pursuance of Request For Proposal no……………………..dated…………………………… , as modified, (hereinafter called “the said Agreement”), of security deposit for the due fulfillment by the said VENDOR of the Terms and conditions contained in the said Agreement, on production of a Bank Guarantee for Rs.…………………………… (Rupees……………………………………………. Only).

We,…………………………………….. [indicate the name of the bank ISSUING THE BANK GUARANTEE] (hereinafter referred to as “the Bank”) at the request of ………………………………….. [VENDOR] do hereby undertake to pay to UCO BANK an amount not exceeding Rs……………...against any loss or damage caused to or suffered or would be caused to or suffered by UCO BANK by reason of any breach by the said VENDOR of any of the terms or conditions contained in the said Agreement.

1. We …………………………………………………… [indicate the name of the bank ISSUING THE BANK GUARANTEE] do hereby undertake to pay the amounts due and payable under this guarantee without any demur, merely on a demand from UCO BANK stating that the amount claimed is due by way of loss or damage caused to or breach by the said VENDOR of any of the terms or conditions contained in the said Agreement or by reason of the VENDOR’S failure to perform the said Agreement. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs.…………………………..
2. We undertake to pay to UCO BANK any money so demanded notwithstanding any dispute or disputes raised by the VENDOR in any suit or proceeding pending before any court or Tribunal relating thereto our liability under this present being absolute and unequivocal.

The payment as made by us under this bond shall be a valid discharge of our liability for payment there under and the VENDOR for payment there under and the VENDOR shall have no claim against us for making such payment.

4. We, ……………………………………………… [indicate the name of the bank ISSUING THE GUARANTEE] further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Agreement and that it shall continue to be enforceable till all the dues of BANK under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till UCO BANK certifies that the terms and conditions of the said Agreement have been fully and properly carried out by the said VENDOR and accordingly discharged this guarantee.

Unless a demand or claim under this guarantee is made on us in writing on or before ……………………………..(Expiry of claim period), we shall be discharged from all liabilities under this guarantee thereafter.

1. We ……………………………………… [indicate the name of bank ISSUING THE GUARANTEE] further agree with UCO BANK that UCO BANK shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Agreement or to extend time of performance by the said VENDOR from time or to postpone for any time, or from time to time any of the powers exercisable by UCO BANK against the said VENDOR and to forebear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any variation, or extension being granted to the said VENDOR or for any forbearance, act or omission on the part of UCO BANK of any indulgence by UCO BANK to the said VENDOR or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
2. This guarantee will not be discharged due to the change in the constitution of the Bank or the VENDOR.
3. We, ……………………………………… [indicate the name of Bank ISSUING THE GUARANTEE ] lastly undertake not to revoke this guarantee during its currency except with the previous consent of UCO BANK in writing.

Notwithstanding anything contained herein:

1. Our liability under this Bank Guarantee shall not exceed Rs…….. (Rupees………………………………………….) only.
2. This Bank Guarantee shall be valid upto ………………………………………… and
3. We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only and only if you serve upon us a written claim or demand on or before

……………………………………………(date of expiry of Guarantee including claim period).

8. Dated the …………………… day of ……… for.............. [indicate the name of Bank]

Yours’ faithfully,

For and on behalf of

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Bank Authorised Official

**ANNEXURE-II**

Draft Agreement

Article of agreement made this \_\_\_\_\_\_\_day of \_\_\_\_\_\_\_\_2023

between the “**UCO Bank**, a body corporate, constituted under the Banking Companies (Acquisition & Transfer of Undertakings) Act, 1970  as amended from time to time having its Kolkata ZO at 3 & 4DD Block, 1st Floor, Saltlake, Kolkata-700064 (hereinafter referred to as “**Bank**” which expression shall unless excluded by or  repugnant to the subject or context be deemed to  mean and include its assigns and successors) of the “**ONE PART** and M/s .......................................... having its registered office at ....................................................... ( herein after called “The Vendor” ) of the other part, which expression should include its successor/s and assignee/s.

Whereas the Bank is desirous of executing Contract for .................................................................................................................... at UCO Bank Head Office ………………………………………………………..(hereinafter called ‘’Bank’’)

And whereas the said work as mentioned in the work order have been accepted and signed by and on behalf of the Vendor.

And whereas the vendor has agreed to execute upon and subject to condition set forth herein and work order, General conditions of contract, special condition of contract, including all other conditions as mentioned, in the work order, specifications and all correspondence exchanged by or between the parties from the submission of tender till the award of work, both letter inclusive,(all of which are collectively hereinafter referred to as “ the said conditions”) the work described in the said specification and included in the tender at the rates therein set for in UCO Bank Work Order No........................ dated .............201 and amounting to the sum of Rs. .......................(Rupees .................................................... only) inclusive of all Taxes .

NOW IT IS HEREBY AGREED AS FOLLOWS:

**The following documents attached hereto shall be deemed to form an integral part of this Agreement:**

1. **Work order letter no-............................... dated .............................**
2. **R.F.P.(Request For Proposal) dated ..........................**

**(b) Corrigendum (if any) dated .......................................**

**GENERAL TERMS & CONDITIONS**

1. **Scope of work:**

Electrical, A.C & LAN Works For Shifting of ZO, Kolkata from existing HO-2 premises to LLR Sarani branch at No-5, 1st floor, LLR Sarani, Kolkata – 700020.

1. **Price and Taxes:**
2. The price shall be firm and binding without any escalation throught the contract period i.e(Till Completion of Work).The prices (in Indian Rupees) should indicate All inclusive Price of the equipment [i.e. basic price, transportation, insurance (to cover equipment during the transit, installation at site and handing it over to the Bank), Duties, installation charges, comprehensive on site warranty of two years covering all parts, consumables, labour etc ] GST should be shown separately . If the Bidders fails to include them in the tender, no claim thereof will be considered by the Bank afterwards..
3. **Additional Terms & Condition on GST are as follows:**

* Supplier/service provider to confirm that the GST amount charged in invoice is declared in its returns and payment of taxes is also made.
* The Supplier/ Service Provider agrees to comply with all applicable GST laws, including GST acts, rules, regulations, procedures, circulars & instructions there under applicable in India from time to time and to ensure that such compliance is done within the time prescribed under such laws. Supplier/Service Provider should ensure accurate transaction details, as required by GST laws, are timely uploaded in GSTN[[2]](#footnote-3). In case there is any mismatch between the details so uploaded in GSTN by Supplier/ Service Provider and details available with UCO Bank, then payments to Supplier/Service Provider to the extent of GST relating to the invoices/s under mismatch may be retained from due payments till such time the accurate tax amount is finally reflected in the GSTN to UCO Bank’s Account and is finally available to UCO Bank in terms of GST laws and that the credit of GST so taken by UCO Bank is not required to be reversed at a later date along with applicable interest.
* UCO Bank has the right to recover monetary loss including interest and penalty suffered by it due to any non-compliance of tax laws by the supplier/service provider. Any loss of input tax credit to UCO Bank for the fault of supplier shall be recovered by UCO Bank by way of adjustment in the consideration payable.
* Supplementary invoices/debit note/credit note for price revisions to enable UCO Bank to claim tax benefit on the same shall be issued by the vendor for a particular year before September of the succeeding financial year.

The purchase order/ work order shall be void, if at any point of time the vendoris found be to a black listed dealer as per GSTN rating system and further no payment shall be entertained.

2. Placement of Order/Letter Of Indent(LOI):

Bank will issue the LOI as per requirement accordingly with details terms & conditions.

**3. Terms of Payment :**

a) 50% to be released as one running bill after completion of 50% work of total value.

1. 40% to be released after entire work is completed and handed over to the satisfaction and certification of the consultant.
2. 10% to be released after the defect liability period of 12 months, without any interest.

**Earnest Money/ Security Deposit & Retention Money:** The tenderer will have to deposit an amount of **Rs 33,500/--(Rupees Thirty Three Thousand Five Hundred Only.)** in the form ofBank draft drawn in favour of UCO Bank, payable at Kolkata at the time of submission of tender as an Earnest money. The employer is not liable to pay any interest on the earnest money. The Earnest money of the unsuccessful tenderers will be refunded without any interest soon after the decision to award the work is taken after the expiry of the validity period of the tender.

The successful tenderer to whom the contract is awarded will have to pay an initial security deposit equal to 2% of the value of the accepted tender including the Earnest Money. So the balance amount ( ISD – EMD ) be paid to UCO Bank vide pay order / DD within 7days of bank informing about acceptance of this offer , failing which the employer at his discretion may revoke the letter of acceptance and forfeit the earnest money deposit furnished along with the tender. It shall be refunded to the contractor within 14 days on completion of the entire works and after the certificate of virtual completion is issued by the architect.

A total 10% of project cost will be kept as security deposit which is inclusive of ISD.

**Retention Money :**

The retention percentage ( i.e deduction from interim bill ) shall be 8% of the gross value of each interim bill.

50% of the total security deposit will be refundable to the contractor subjected to the following :

* + Issue of completion certificate by the owner .
  + Contractors removes his materials , equipments , labour force , temporary sheds, store etc. from the site after completion of the work ( excepting for a small presence required if any for the defect liability period & approved by the bank).
  + 25% of the total security deposit may be refunded 14 ( Fourteen ) days after the end of defect liability period, provided the contractor has satisfactorily carried out all the work & attended to all the defects in accordance with the conditions of contract. However, the remaining 25% will be refunded to the contractor only after the observations / objections of chief technical examiner of C.V.C are satisfied & removed. No interest is payable on EMD , Initial security deposit & retention money.
  + The Initial security deposit & retention money of the successful tenderer may be forfeited if he fails to comply with any of the conditions of the contract.

4.a) Performance Bank Guarantee:Successful Bidders will have to submit a performance Bank Guarantee equivalent to 3% of work order value prior to or at the time of execution of the Agreement which will be valid till completion of the work in all respects for due performance of the contract, with a claim period of further three months. The Bank Guarantee to be issued by any Nationalized Bank or any scheduled commercial Bank banking in India other than UCO Bank or its subsidiary, as per enclosed format in Annexure-1. Any defect in the work or operational service, arising out during the period and not attended by the contractor within two days from the date of reporting the defect, will be rectified by the Bank through some other agency and the cost thereof will be recovered from the company and or by invoking the B.G. Bank has the right to invoke the BG for any non-compliance of the terms & conditions of this RFP or the Contract to be executed between the selected bidder and the Bank at any point of time without prejudice to its other rights and remedies available under the Contract and/or the Law (s) for the time being in force.

Any defect in the work, arising out during the period of one year from the date of installation and not attended by the Vendor within two days from the date of reporting the defect, will be rectified by the Bank through some other agency and the cost thereof will be recovered from the Company from the amount payable to Vendor by the Bank and/or by invoking the Performance Bank Guarantee, without prejudice to Bank’s rights and contentions.

The performance Bank Guarantee will be returned to the contractor at the end of three months after expiry of warranty period of two years.

**4.b) Insurance:** Vendor agree to insure the work with third party liability, at their own cost in joint name of the Bank with 1st name being of ‘UCO Bank’, within 14 (Fourteen) days from the date of issue of this work order or handing over of site which ever is later and keep the same valid until virtual completion of the work, by an ‘ALL RISK’ insurance policy for full value of the contract. The insurance policy is to be submitted to us in original.

5.INDEMNITY BOND:Vendor has to submit Indemnity Bond as per Bank’s format as per Annexure-V on Non-juditial Stamp Paper of appropriate value .

**6.Liquidated Damage:** In case of failure to complete the work within the stipulated period of time by fault of the successful vendors, liquidated damage @ 1% of the accepted contract sum for delay of each week or part thereof shall be recovered from successful vendors . The total of liquidated damage shall be subject to a maximum of 10% of the accepted contract value, accrual of which entitles us to rescind the contract.

**7.FORCE MAJEURE:** Force Majeure is herein defined as any cause, which is beyond the control of the selected bidder or BANK as the case may be which they could not foresee or with a reasonable amount of diligence could not have foreseen and which substantially affect the performance of the contract, such as:

1. Natural phenomenon, including but not limited to floods, droughts, earthquakes and epidemics
2. Acts of any government, including but not limited to war, declared or undeclared priorities, quarantines and embargos
3. Terrorist attack, public unrest in work area

Provided either party shall within 10 days from occurrence of such a cause, notify the other in writing of such causes. The bidder or BANK shall not be liable for delay in performing his/her obligations resulting from any force majeure cause as referred to and/or defined above.

Any delay beyond 30 days shall lead to termination of contract by parties and all obligations expressed quantitatively shall be calculated as on date of termination. Notwithstanding this, provisions relating to indemnity, confidentiality survive termination of the contract.

8. Compliance of laws*:*The Vendor undertakes to comply with all Laws/Rules/Regulations/Bye – Laws/Notifications etc. for the time being in force.

Change in law clause

Any reduction in the contract price resulting from introduction of any new law, towards leviable taxes, including eligible credits, in respect of goods and services to be supplied under the Contract, then the Parties agree to a downward adjustment to the contract price to reflect the financial impact of such “Change in law” and the financial benefit thereof shall be given to the Bank.

**9. CANCELLATION/TERMINATION:** Bank reserves its right to cancel the work/purchase order and/ or terminate this Agreement by giving 15 days’ prior notice in writing to the Vendor without prejudice to its rights and contentions available under this Agreement or under the Law (s) for the time being in force in the following circumstances: -

a) Unnecessary or unwarranted delay in execution of the work allotted.

b) Delay in providing the requisite manpower at the Bank’s site.

c) The vendor violates any Laws, Rules, Regulations, Bye-Laws, Guidelines, and Notifications etc.

d) Breach of trust is noticed during any stage of the consultancy assignment.

e) The selected bidder commits a breach of any of the terms and conditions of the bid.

f) The selected bidder goes in to liquidation voluntarily or otherwise.

g) An attachment is levied or continues to be levied for a period of 7 days upon the effects of the bid.

h) If it is found at any stage that the bidder has concealed any important information or has submitted any false information or declaration particularly regarding any pending legal action or blacklisting status.

i) If there is any conflict of interest.

j) An attachment is levied or continues to be levied for a period of seven days upon effects of the contract.

k)If fails to complete the assignment as per the time lines prescribed in the Purchase order/ Agreement and/or within the extension, if any allowed.

In addition to the cancellation of work order/termination of the master contract, the Bank reserves the right to appropriate the damages from the earnest money deposit (EMD) provided by the selected bidder and/or forfeit the Performance Bank guarantee furnished by the vendor. The Bank also reserves the right to recover any dues payable by the selected bidder from any amount outstanding to the credit of the selected bidder, including the pending bills and security deposit, if any, under this contract or any other contract/order.

Notwithstading anything contained hereinbefore, Bank shall have the right to terminate the contract at any time at its own convenience by serving a prior written notice of 15 days to the vendor without assigning any reason and withoout cost or compensation therefor.

**10. CONSEQUENCES OF TERMINATION:** In the event of termination of the Agreement due to any reason, whatsoever, [whether consequent to the expiry of stipulated term of the Contract or otherwise], UCO BANK shall be entitled to impose any such obligations and conditions and issue any clarifications as may be necessary to ensure an efficient transition and effective business continuity of the Service(s) which the Vendor shall be obliged to comply with and take all steps to minimize loss resulting from the termination/breach, and further allow the next successor Vendor to take over the obligations of the erstwhile Vendor in relation to the execution/continued execution of the scope of the Contract.

In the event of termination of the Agreement due to the expiry of the term of the Contract and the Agreement is not further extended by UCO BANK, the Vendor herein shall be obliged to provide all such assistance to the next successor Bidder or any other person as may be required and as UCO BANK may specify including training, where the successor(s) is a representative/personnel of UCO BANK to enable the successor to adequately provide the Service(s) hereunder, even where such assistance is required to be rendered for a reasonable period that may extend beyond the term/earlier termination hereof.

Nothing herein shall restrict the right of UCO BANK to invoke the Performance Bank Guarantee and other guarantees, securities furnished and pursue such other rights and/or remedies that may be available to UCO BANK under law or otherwise.

The termination hereof shall not affect any accrued right or liability of either Party nor affect the operation of the provisions of the Contract that are expressly or by implication intended to come into or continue in force on or after such termination.

**11. Date of Commencement of work:** The work shall be deemed to be commenced from **seventh day** from the date of receipt of work order/Purchase Order. The work should be undertaken in consultation with Z.O-GAD.

**12. Time of Completion :3 Weeks (Three Weeks)** from the stipulated date of commencement of the work.

13.RESPONSIBILITY FOR COMPLETENESS: Any supplies and services which might not have been specifically mentioned in this R.F.P/tender / contract but are necessary for the design, manufacture, supply, testing, handing over, operationalizing, performance or completeness of the contract, shall be provided / rendered as per the time schedule for the efficient and smooth operation and maintenance of the system under Indian conditions. The approval by the Bank at any stage for any supplies by the vendor shall not relieve the vendor of his obligation.

## 14.Dispute resolution mechanism

The Vendor and the Bank shall endeavour their best to amicably settle all disputes arising out of or in connection with the Contract in the following manner:

a. The Party raising a dispute shall address to the other Party a notice requesting an amicable settlement of the dispute within seven (7) days of receipt of the notice.

b. The matter will be referred for negotiation between authorised representative of UCO BANK and the Authorized Official of the Vendor. The matter shall then be resolved between them and the agreed course of action documented within a further period of 15 days.

In case any dispute between the Parties, is not settled by negotiation in the manner as mentioned above, the same may be resolved exclusively by arbitration and such dispute may be submitted by either party for arbitration within 15 days of the failure of negotiations. Each Party to the dispute shall appoint one arbitrator of their own choice and the two appointed arbitrators shall appoint the third arbitrator who will act as the presiding arbitrator. Arbitration shall be held in Kolkata and conducted in English as per provisions of Arbitration and Conciliation Act, 1996 or any statutory modification or re-enactment thereof.

The “Arbitration Notice” should accurately set out the disputes between the parties, the intention of the aggrieved party to refer such disputes to arbitration as provided herein, the name of the person it seeks to appoint as an arbitrator with a request to the other party to appoint its arbitrator within 45 days from receipt of the notice. All notices by one party to the other in connection with the arbitration shall be in writing and be made as provided in this tender document.

The Vendor shall not be entitled to suspend the Service/s or the completion of the job, pending resolution of any dispute between the Parties, rather shall continue to render the Service/s in accordance with the provisions of the SLA notwithstanding the existence of any dispute between the Parties or the subsistence of any arbitration or other proceedings.

**15. Others Terms-**

**A**. Nothing contained in this Agreement shall be construed as establishing or creating between the Parties, a relationship of master and servant or Bank and agent.

**B**. The Vendor shall notify to Bank of any material change in their status, in particular, where such change would impact on performance of obligations under this Agreement.

**C**. The Vender shall be jointly and severally liable to and responsible for all obligations for performance of works including that of its Associates under the Agreement.

**D**. The Vendor shall at all times indemnify and keep indemnified Bank any claims in respect of any damages or compensation payable in consequences of any accident or injury sustained or suffered by its (Agency) employees or agents or by any other 3rd Party resulting from or by any action, omission or operation conducted by or on behalf of the Agency.

E.Governing Laws & Jurisdiction of the court

This Agreement shall be governed by the Law(s) of India for the time being in force and the Rules made thereunder from time to time and all the dispute(s) or difference(s) arising out of or in connection with the contract shall be subject to the exclusive jurisdiction of the courts of KOLKATA.

**F.** All other Terms & Conditions will remain same as stipulated in our R.F.P and subsequent Corrigendum dated .................... Please note that work order no...............dated......... along with your offer, the minutes of pre bid meeting held on ........................,the article of agreement etc would form part of the contract document.

G. Non-Disclosure : The Vendor must undertake that they shall hold in trust any information received by them, under the Contract/Agreement, and shall maintain confidentiality of such information.

H. Non Assignment: Vendor shall agree that neither the subject matter of the agreement nor any right here in shall be transferred,sub-contracted,assigned or delegated to any third party by the successful bidder without prior written consent of the Bank.

In witness where of the Bank and the vendor have set their respective hands on the day and year first herein above written.

Signed on behalf of the UCO Bank Signature on behalf

of the vendor

By its duly authorized Officer in presence of:

In presence of:

* 1. Signature…………………………. 1)Signature………………………….

Name with address: Name with address:

* 1. Signature………………………….. 2) Signature………………………….

Name with address Name with address:

##### Annexure-III

##### APPLICATION FORMAT

To

The Zonal Manager,

UCO Bank, Kolkata Z.O.

3 & 4 DD Block, Saltlake,1st Floor,

Kolkata - 700064

Sir,

1. We have carefully examined all the contents incorporated in the various parts of this Tender Document for Electrical, A.C & LAN Works for Shifting of ZO, Kolkata from existing HO-2 premises to LLR Sarani branch at No-5, 1st floor, LLR Sarani, Kolkata – 700020 taken note of all the terms & conditions stated in the Tender Document in its various parts.

2. We understand that the time schedule of 3 weeks from the date of issue of purchase order - stipulated for completion of supply and Installation of furnitures thereof in all respects of the plat and accepted by us is the essence of the contract.

3. We enclose a non refundable Pay Order / Demand Draft for Rs ………/-(Rupees …………… only) drawn in favour of UCO Bank and Payable at Kolkata (P.O/DD No.................. Date....... Issuing Bank................ Branch....................) towards cost of tender document(Not applicable for MSME).

4. We enclose a Pay Order / Demand Draft for Rs ……………..(Rupees ………….only) drawn in favour of UCO Bank and Payable at Kolkata (P.O/DD No.................. Date....... Issuing Bank................ Branch....................) towards EMD (Not applicable for MSME).

5. We also agree that our tender along with the prices will remain valid for one year from the last date stipulated for submission of the tender and this period of validity can be extended for such period as may be mutually agreed between the Bank and bidders in writing.

6. We also agree to keep the Performance Security Deposit as per terms of the tender. However, if the performance of the machines is found unsatisfactory during the said validity period, you shall have the right to forfeit the Performance Security Deposit without reference to us.

7. Our PAN for Income Tax is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

8.We are registered with GST and our registration numbers is as follows:

GST Registration Number : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

For and on behalf of

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(With seal)

Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Designation \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

DULY AUTHORIZED SIGNATORY \_\_\_\_\_\_\_\_\_\_ day of \_\_\_\_\_\_\_\_ 2023

Particulars of Bidders

(Submission of Documentary Evidence is must)

1. Company / Vendor Profile

1. Name of the VendorFirm/Company

2. Constitution

3. Date of Establishment/

Incorporation

4. Address

Registered Office

Corporate /Head Office

5. Telephone Number

Fax Number

E-Mail Address

Website

6. Sales Turnover

2019-20

2020-21

2021-22

7. Experience of Company

8.Information on Key Service Personnel:

|  |  |  |
| --- | --- | --- |
| SL. NO | Name with contact details | Designation |
|  |  |  |
|  |  |  |

8. GST registration details:

9.PAN No:

Signature of Authorized Signatory with date and seal.

## ANNEXURE-IV

## FORMAT OF INTEGRITY

**(To be executed on non-judicial stamp paper of requisite value)**

UCO Bank, a body corporate, constituted under the Banking Companies (Acquisition & Transfer of Undertakings) Act, 1970 as amended from time to time having its Kolkata ZO at 3 & 4DD Block, 1st Floor, Saltlake, Kolkata-700064 hereinafter referred to as “Bank” (which expression shall unless excluded by or repugnant to the subject or context be deemed to mean and include its assigns, administrators and successors) of the “ONE PART

And

………………………. Hereinafter referred to as “The Bidder/Contractor”.

Preamble

The Bank intends to award, under laid down organizational procedures, contract/s for……………………………….The Bank values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/transparency in its relation with its Bidder (s) and / or contractor (s).

In order to achieve these goals, the Bank will appoint an independent External Monitor (IEM), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section 1 – Commitments of the Bank.

1.The Bank commits itself to take all measures necessary to prevent corruption and to observe the following principles:-

a. No employee of the Bank, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.

b. The Bank will during the tender process treat all Bidder(s) with equity and reason. The Bank will in particular, before and during the tender process, provide to all Bidders (s) the same information and will not provide to any Bidders (s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the process or the contract execution.

c. The Bank will exclude from the process all known prejudiced persons.

2. If the Bank obtains information on the conduct of any of its employees which is criminal offence under the IPC/PC Act, or it/if there be a substantive suspicion in this regard, the Bank will inform the Chief Vigilance Office and in addition can initiate disciplinary actions.

Sections 2 – Commitments of the Bidder (s)/Contractor(s)

1.The bidder(s) /contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

a. The Bidder(s) contractor(s) will not directly or through any other persons of firm, offer promise or give to any of the Bank’s employees involved in the tender process of the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to in order to obtain in exchange any advantage or during the execution of the contract.

b. The Bidder(s) /Contractor(s) will not enter with other Bidders into any undisclosed agreement of understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process .

c. The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act, further the Bidder(s) / contractors will not use improperly for purposes of competition or personal gain, or pass on to others, any information or document provided by the Bank as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

d. The Bidder(s) / Contractor (s) of foreign origin shall disclose the name and address of the Agent/representatives in India, if any. Similarly the bidder(s)/contractor(s) of Indian Nationality shall furnish the name and address of the foreign Banks, if any. Further details as mentioned in the “Guidelines on Indian Agents of Foreign Suppliers” shall be disclosed by the Bidder(s)/Contractor(s). Further, as mentioned in the Guidelines all the payments made to the Indian agent/representative have to be in Indian Rupees only.

e.The Bidder(s)/Contractor(s) will when presenting his bid, disclose any and all payments he has made is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

2. The Bidder (s) /Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3: Disqualification from tender process and exclusion from future contracts

If the Bidder(s)/Contractor(s), before award or during execution has committed transgression through a violation of Section 2, above or in any other form such as to put his reliability or credibility in question, the Bank is entitled to disqualify the Bidder (s)/Contractor(s) from the tender process or take action as per the procedure mentioned in the “Guidelines on Banning of business dealings”. Copy of the “Guidelines on Banning of business dealings” is annexed and marked as Annex-B”.

Section 4 : Compensation for Damages

1. If the Bank has disqualified the Bidder(s) from the tender process prior to the award according to Section 3, the Bank is entitled to demand and recover the damages equivalent to Earnest Money Deposit/Bid Security.
2. If the Bank has terminated the contract according to Section 3, or if the Bank is entitled to terminate the contract according to Section 3, the Bank shall be entitled to demand and recover from the Contractor liquidated damages of the Contract value of the amount equivalent to Performance Bank Guarantee.

Section 5 : Previous Transgression

1. The Bidder declares that no previous transgressions occurred in the last three years with any other company in any country conforming to the anti corruption approach or with any other public sector enterprise in India that could justify his exclusion from the tender process.
2. If the bidder makes incorrect statement on this subject he can be disqualified from the tender process and action can be taken as per the procedure mentioned in “Guidelines on Banning of business dealings”.

Section 6 : Equal treatment of all Bidders/Contractors/subcontractors.

1. The Bidder (s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact, and to submit it to the Bank before signing the contract.
2. The Bank will enter into agreements with identical conditions as this one with all bidders, contractors and subcontractors.
3. The Bank will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Section 7 : Criminal charges against violated Bidder(s)/Contractor(s)/Sub contractor(s).

If the Bank obtains knowledge of conduct of a Bidder, Contractor or subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if the Bank has substantive suspicion in this regard, the Bank will inform the same to the Chief Vigilance Officer.

Section 8 – Pact Duration.

This pact begins when both parties have legally signed it, and expires for the contractor is 10 months after the last payment under the contract.

If any claim is made lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged / determined by Chairman and Managing Director, UCO Bank.

Section 10 – Other provisions

* This agreement is subject to Indian Law, Place of performance and jurisdiction is the Registered Office of the Bank i.e. Kolkata.
* Changes and supplements as well as termination notices need to be made in writing.
* If the Contractor is partnership or a consortium, this agreement must be signed by all partners or consortium members.
* Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(For & on behalf of the Bank) (For & On behalf of Bidder/Contractor)

(Office Seal) (Office Seal)

Place\_\_\_\_\_\_\_\_\_\_\_\_ Place\_\_\_\_\_\_\_\_\_\_\_\_

Date\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_

Witness : (Name & Address) Witness : (Name & Address)

**Annexure-V**

**DRAFT**

**Letter of Undertaking & Indemnity**

**(To be executed on non-judicial stamp paper of requisite value)**

# To

# UCO Bank

# General Administration Department

# Kolkata Zonal Office

In consideration of UCO Bank, a body corporate, constituted under the Banking Companies (Acquisition & Transfer of Undertakings Act, 1970 as amended from time to time having its Kolkata ZO at 3 & 4DD Block, 1st Floor, Saltlake, Kolkata-700064 (hereinafter Referred to as “the Bank” which expression shall include its successors and assigns) at our request and on the strength of our statements and representation contained in our letter dated …………. agreeing to appoint us as vendor/ Contractor for Electrical , A.C & LAN Works for Shifting of ZO, Kolkata from existing HO-2 premises to LLR Sarani branch at No-5, 1st floor, LLR Sarani, Kolkata – 700020 under buyback arrangement, we, ………………..., a Company incorporated under the Companies Act, 1956 having its registered office at - …………………………………………….. (full address) do hereby irrevocably and unconditionally agree and undertake that:

1. We shall, at all times hereinafter, save and keep harmless and indemnified the BANK, including its respective directors, officers, and employees and keep them indemnified from and against any claim, demand, losses, liabilities or expenses of any nature and kind whatsoever and by whomsoever made in respect of the said contract and any damage caused from and against all suits and other actions that may be instituted taken or preferred against the BANK by whomsoever and all losses, damages, costs, charges and expenses that the BANK may incur by reason of any claim made by any claimant for any reason whatsoever or by anybody claiming under them or otherwise for any losses, damages or claims arising out of all kinds of accidents, destruction, deliberate or otherwise, direct or indirect, from those arising out of violation of applicable laws, regulations, notifications guidelines and also from the environmental damages, if any, which may occur during the contract period.
2. We shall, during the contract period, ensure that all the permissions, authorizations, consents are obtained from the local and/or municipal and/or governmental authorities, as may be required under the applicable laws, regulations, guidelines, notifications, orders framed or issued by any appropriate authorities.
3. Our obligations herein are independent, irrevocable, absolute and unconditional in each case irrespective of the value, genuineness, validity, regularity or enforceability of the aforesaid Agreement or the insolvency, bankruptcy, reorganization, dissolution, liquidation or change in ownership of the BANK or Indemnifier or any other circumstance whatsoever which might otherwise constitute a discharge or defense of an indemnifier.

In case we fail to pay the losses, damages and expenses as claimed and demanded by the Bank, Bank shall be entitled to recover the amount by invoking Performance Bank Guarantee furnished by us for Electrical, A.C & LAN Works for Shifting of ZO, Kolkata from existing HO-2 premises to LLR Sarani branch at No-5, 1st floor, LLR Sarani, Kolkata – 700020 under buyback arrangement without any prior notice to us.

1. This Letter of Undertaking & Indemnity shall survive the Agreement entered into between the Bank and us.

Dated, this…………………….day of …………………2023

……………………….

(Signature of the Authorized Signatory of vendor along with the seal of the Company)

Annexure-VI

Technical Compliance Statement

Declaration

We hereby undertake to agree to abide by all the terms and conditions stipulated in the tender document.

We certify that the systems / services offered by us for tender conform to the specifications stipulated in the tender form.

Signature of Authorized Signatory with date and seal

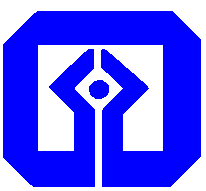
Letter of Undertaking

I / we authorize my / our Banker/s ----------------------------- (Name of the Bankers,

Address) to give confidential information about my / our company whenever required /

called for by UCO Bank.

(Signature of Authorized Signatory with date and seal)



Zonal Office, General Administration Department

1st Floor,3 & 4DD Block,Saltlake, Kolkata-700064

Email: zocalcutta.gad@ucobank.co.in

Phone: 033-44559157

Website http://www.ucobank.com

**RFP for Electrical, A.C & LAN Works For Shifting of Zonal Office, Kolkata from existing HO-2 premises to LLR Sarani Branch at No-5, 1st floor, LLR Sarani, Kolkata – 700020**

PART-II (Price Bid)

Annexure-VII

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **BOQ FOR ELECTRICAL WORK OF UCO BANK -L.L.R SARANI BRANCH** | | | | | |
| **Sl. No.** | **Particulars** | **Qty** | **Unit** | **Rate** | **Amount** |
| **A** | **ELECTRICAL :** |  |  |  |  |
| 1 | **Part 1 : Light point wiring** |  |  |  |  |
|  | Supply,laying, connection & testing of light, |  |  |  |  |
|  | fan point, wiring by 2x1.5mmsq(2x3/.029) + |  |  |  |  |
|  | 1x1mmsq PVC insulated copper flexible wire |  |  |  |  |
|  | maintaining the colour code as per direction in |  |  |  |  |
|  | **PVC conduite** of 20mm with ISI mark 1.5 pvc wall thk. |  |  |  |  |
|  | to conceal in wall partition mending |  |  |  |  |
|  | good the damage, complete with pvc circular |  |  |  |  |
|  | box, bend to be done as per drawing |  |  |  |  |
|  | including 3 point ceiling rose where ever |  |  |  |  |
|  | required. GI saddle to be used for fixing, |  |  |  |  |
|  | pvc conduite/ flexible pipe may use |  |  |  |  |
|  | if requied in partition wall. All pvc pipes |  |  |  |  |
|  | should be with ISI mark. No joints will be |  |  |  |  |
|  | allowed inside pipe.Light, fan & plug point |  |  |  |  |
|  | complete with modular type switch plate & |  |  |  |  |
|  | MS box . Including the main circuite line |  |  |  |  |
|  | 2x2.5mmsq+1x1.5mmsq earth PVC insulated |  |  |  |  |
|  | Cu. Wire,maintaining the colour code. Circuite |  |  |  |  |
|  | line for lighting switch board ,6Amps plug |  |  |  |  |
|  | board are to be drawn from lighting DB to |  |  |  |  |
|  | Lighting board & 6A plug point board, 6/16 Amps |  |  |  |  |
|  | plug point line are to be drawn from power DB. |  |  |  |  |
|  | 3Nos lighting board/ 03 Nos.6Amps plug |  |  |  |  |
|  | are to be connected from one circuite |  |  |  |  |
|  | & 02 Nos. 6/16 plug to be connected |  |  |  |  |
|  | from one circuite(Lighting S.Board height-32" from |  |  |  |  |
|  | floor). |  |  |  |  |
| a) | Lighting point complete with modular type |  |  |  |  |
|  | switch, plate, M.S. conceal box. |  |  |  |  |
|  | Point - 1 Light point control by 01 switch. | 10 | Nos |  |  |
|  | Point - 2 Light point control by 01 switch. | 10 | Nos |  |  |
|  | Point - 3 Light point control by 01 switch. | 1 | Nos |  |  |
|  |  |  |  |  |  |
| b) | Exhust fan point same as item No. 1a |  |  |  |  |
|  | complete with modualr type switch plate & |  |  |  |  |
|  | MS conceal box & 3 pin ceiling rose. | 4 | Nos |  |  |
|  |  |  |  |  |  |
| c) | Wall bracket point as above complete |  |  |  |  |
|  | with modular type switch,plate & M.S. conceal |  |  |  |  |
|  | box. Including one 2pin plug socket,front |  |  |  |  |
|  | plate & conceal box at fan end. Ht at 6'6" . | 9 | Nos. |  |  |
|  |  |  |  |  |  |
| d) | Ceiling fan point as above complete with modular |  |  |  |  |
|  | type switch, modular plate & conceal box. |  |  |  |  |
|  | The rate is inclusive of 300 W electronics regulator. | 1 | Nos. |  |  |
|  |  |  |  |  |  |
| e) | Call bell point same as above complete with modular type push |  |  |  |  |
|  | switch , plate &M.S. conceal box with Din - Dong type bell. |  |  |  |  |
|  | Bell on partition wall outside of BM cabin & push switch |  |  |  |  |
|  | on manager's side table. One bell for main entrance. | 1 | No. |  |  |
|  | **Total Of Part 1** |  |  |  |  |
|  |  |  |  |  |  |
| 2 | **Part : 2 RAW POWER WIRING** |  |  |  |  |
| a) | Supply, Laying of Circuite line2x2.5mmsq +1x |  |  |  |  |
|  | 1.5mmsq PVC insulated copper wire form LDB to 6/16A or |  |  |  |  |
|  | 6Amps Plug point. Also note that 03 Nos 06 amps |  |  |  |  |
|  | Plug to be connected from one circuite line. |  |  |  |  |
|  | rest are same as item No 1. | 135 | Mts |  |  |
|  |  |  |  |  |  |
| b) | Supply, Fixing & connection of modular type 6 amps Plug |  |  |  |  |
|  | switch complete with circui wiring 2x2.5sqmm +1x1.5sqmm |  |  |  |  |
|  | PVC insulated copper wire through 20mm dia PVC pipe & |  |  |  |  |
|  | Ms box Socket switch above table at 32" height fr. Floor. | 6 | No. |  |  |
|  |  |  |  |  |  |
| c) | - Do - but 16 Amps 6pin socket with 16amps |  |  |  |  |
|  | switch for raw/UPS power point complete with ( 02 Nos plug |  |  |  |  |
|  | connected from one circuite.) circui wiring 2x2.5sqmm +1x1.5sqmm |  |  |  |  |
|  | PVC insulated copper wire through 20mm dia PVC pipe & |  |  |  |  |
|  | Ms box Socket switch.(Ht.of Plug point as per advice of consultant). | 2 | No. |  |  |
|  | **Total Of Part 2** |  |  |  |  |
|  |  |  |  |  |  |
| 3 | **Part : 3 TELEPHONE WIRING.** |  |  |  |  |
| a) | Supply laying & connection of same as item |  |  |  |  |
|  | no.1 but with 2 pair 0.51mmsq tinned CU. |  |  |  |  |
|  | conductor through PVC regid ISI mark pipe |  |  |  |  |
|  | from telephone point to Korne DB complete |  |  |  |  |
|  | with RJ - 11 telephone socket modular type |  |  |  |  |
|  | in MS conceal box.under table at 22" Ht.+ one tele. |  |  |  |  |
|  | phone point near HUB Rack | 4 | No. |  |  |
|  |  |  |  |  |  |
| b) | Supply & fixing & connection of Cat -5 cable |  |  |  |  |
|  | from VSNL D.B to HUB rack through separate |  |  |  |  |
|  | pipe fror Lease line & ISDN line.(02 Line) | 28 | Mt. |  |  |
|  |  |  |  |  |  |
| c) | Do - 10 pair .51mmsq copper conductor |  |  |  |  |
|  | telephone cable in 20mm dia PVC pipe from VSNL |  |  |  |  |
|  | D.B to 10 pair KORN connector. | 25 | Mts |  |  |
|  |  |  |  |  |  |
| d) | Supply fixing & connection of 10 pair KRONE |  |  |  |  |
|  | connector DB complete with PVC moulded |  |  |  |  |
|  | Telephone DB box with locking system. | 1 | Set |  |  |
|  | **Total Of Part 3** |  |  |  |  |
|  |  |  |  |  |  |
| 4 | **Part : 4 SUPPLY, FIXING & CONNECTION** |  |  |  |  |
|  | **OF LIGHT FITTINGS WITH LAMP / FANS :** |  |  |  |  |
| a) | Supply Installation, testing & commissioning of 595x595mm |  |  |  |  |
|  | 36W 5700K high spec base LED panel lights with 120lm/W of CRCA |  |  |  |  |
|  | housing of approved make ( PBLM21368 ) to hang fronm true ceiling |  |  |  |  |
|  | by 25x3 mm M.S flat with nuts and bolt as required. | 7 | Nos |  |  |
|  |  |  |  |  |  |
| b) | Supply,Installation, testing & commissioning of 18W/20W |  |  |  |  |
|  | 3000K-6500K 169mm dia LED recessed down light with 110lm/W |  |  |  |  |
|  | comprising of casted Al housing with SS springs for recessed |  |  |  |  |
|  | mounting arrangements of approved make. ( PDLM26183-188 ) | 20 | Nos |  |  |
|  |  |  |  |  |  |
| c) | Supply,Installation, testing & commissioning of LED |  |  |  |  |
|  | batten( PBTM01057) 5W 300mm of in cash and SW counter. | 4 | Nos |  |  |
|  |  |  |  |  |  |
| d) | 225 mm dia heavey duty metal body Exhust fan 230 volt |  |  |  |  |
|  | A.C. of approve make. | 4 | Nos |  |  |
|  |  |  |  |  |  |
| e) | Hi-speed wall mountaing fan 400 mm dia 230 volt |  |  |  |  |
|  | A.C. of approve make. | 9 | Nos. |  |  |
|  |  |  |  |  |  |
| f) | Supply,Installation, testing & commissioning of 4'-0" long |  |  |  |  |
|  | 36W 6500K commercial batten light comprising of extruded Al |  |  |  |  |
|  | housing with PC Diffuser , PC endcaps & spring steel clamps for |  |  |  |  |
|  | surface mounting arrangement of approved make.( PBTM08367) | 9 | Nos |  |  |
|  |  |  |  |  |  |
| g) | Ceiling fan 48" sweep with double ball bearing 230 volt A.C. with |  |  |  |  |
|  | " S" hook cutting with plastering and cable connection complete | 1 | Nos. |  |  |
|  | **Total Of Part 4.** |  |  |  |  |
| 5 | **Part : 5, UPS WIRING :** |  |  |  |  |
|  | Supply, fixing & connection of UPS |  |  |  |  |
|  | circuite line with 2x2.5+1x1.5mmsq through |  |  |  |  |
|  | MS conduite 20mmdia 16 SWG wall |  |  |  |  |
|  | tickness, with ISI mark, to lay from UPS MCB |  |  |  |  |
|  | DB to plug point board.Rest same as item no.1 |  |  |  |  |
|  | Two nos point to be connected from One |  |  |  |  |
|  | circuite . | 165 | Mts |  |  |
|  |  |  |  |  |  |
| a) | Suppy, fixing of 2x6Amps 5 pin socket + 1x16 |  |  |  |  |
|  | Amps 6 pin socket in single board(under |  |  |  |  |
|  | table) + 1 x 16 A switch in another board |  |  |  |  |
|  | above table as per direction.(under table Ht22") | 6 | Set |  |  |
|  |  |  |  |  |  |
| b) | - Do - but 2x6/16, 6pin socket with 2x16A switch to |  |  |  |  |
|  | provide near HUB rack& line printer are |  |  |  |  |
|  | to be connected from UPS power. | 2 | Set |  |  |
|  |  |  |  |  |  |
| c) | Supply, laying & connection of 4x6mmsq +2x4mmsq |  |  |  |  |
|  | PVC insulated copper conductor cable ( FRLS) through |  |  |  |  |
|  | PVC regid/flexible conduit from the UPS incomming |  |  |  |  |
|  | MCB box to UPS. | 32 | Mt. |  |  |
|  |  |  |  |  |  |
| d) | Supply, laying & connection of 2x6mmsq +1x4mmsq |  |  |  |  |
|  | PVC insulated copper conductor cable ( FRLS) through |  |  |  |  |
|  | PVC regid/flexible conduit from UPS out |  |  |  |  |
|  | going to UPS DB | 52 | Mt. |  |  |
|  |  |  |  |  |  |
| e) | UPS incomming power to drawn by 6mm 4Core |  |  |  |  |
|  | Cu. Conductor PVC insulated armoured cable |  |  |  |  |
|  | with 2nos of bare copper wire of 14 SWG | 28 | Mt. |  |  |
|  |  |  |  |  |  |
| f) | Supply , installation & tremination of 40 Amps |  |  |  |  |
|  | DP MCB with Metal enclouser for UPS out going |  |  |  |  |
|  | Line .(for 5KVA 2 nos UPS unit) | 2 | No. |  |  |
|  |  |  |  |  |  |
| g) | Supply & installation of UPS incomming 63 Amps DP MCB MDS make |  |  |  |  |
|  | in MS enclouser for Incoming Line as per instruction of consultant. | 2 | No. |  |  |
|  |  |  |  |  |  |
| h) | Supply, installation and termination of UPS |  |  |  |  |
|  | outgoing power distribution system with |  |  |  |  |
|  | 12 Way SPN DB comprising 8x10Amps SP |  |  |  |  |
|  | MCB & 40 Amps DP RCBO 30MA as main. |  |  |  |  |
|  | MDS make IP -42 Double Door. | 1 | Nos |  |  |
|  | **Total Of Part 5.** |  |  |  |  |
|  |  |  |  |  |  |
| 6 | **Part : 6 LAYING OF CABLE :** |  |  |  |  |
| a ) | Supply, laying & fixing main power with 50mm |  |  |  |  |
|  | sq 3.5 core PVC insulated,PVC sheated Alu. |  |  |  |  |
|  | Conductor, 1100 v. grade armoured cable |  |  |  |  |
|  | complete with 02 nos 8 SWG bear GI.wire |  |  |  |  |
|  | as running earth. (main power cable) & hardware. | 35 | Mts |  |  |
|  |  |  |  |  |  |
| b) | End termination of 50 mmsq 3.5 Core |  |  |  |  |
|  | armoured cable,complete with brass cable |  |  |  |  |
|  | gland , Alu. Lug, PVC tape. | 4 | End |  |  |
|  | **Total Of Part 6** |  |  |  |  |
|  |  |  |  |  |  |
| 7 | **Part :7 Main DB's** |  |  |  |  |
| (a) | Supply,fixing and connection of prefabricated ready |  |  |  |  |
|  | made D.B MDS make double door 6way |  |  |  |  |
|  | TPN MCB D.B. for power along with following complete: |  |  |  |  |
|  | 6way TPN MCB DB with |  |  |  |  |
|  | 63A 4 pole MCB as main ( POWER DB). |  |  |  |  |
|  | 20A SPMCB - 8Nos +16 A SPMCB - 5 Nos. |  |  |  |  |
|  | +10A SPMCB - 5Nos. |  |  |  |  |
|  | including Neutral Bar. | 1 | Set |  |  |
|  |  |  |  |  |  |
| ( b) | Supply,fixing and connection of prefabricated ready |  |  |  |  |
|  | made D.B MDS make double door 4way |  |  |  |  |
|  | TPN MCB D.B. for power along with following complete: |  |  |  |  |
|  | 4way TPN MCB DB with |  |  |  |  |
|  | 40A 4 pole MCB as main ( LIGHT DB). |  |  |  |  |
|  | 10A SPMCB - 8Nos + 6A SPMCB - 4Nos |  |  |  |  |
|  | including Neutral Bar. | 1 | Set |  |  |
|  |  |  |  |  |  |
| ( c ) | 150x100mm enamal **Danger** board 440 volt. |  |  |  |  |
|  | One board to fixed on D.B. | 2 | Nos |  |  |
|  |  |  |  |  |  |
| ( d) | Supply,fixing and connection of 63 A, 4pole C/O switch |  |  |  |  |
|  | with enclosure side handle operated for lighting DB. | 1 | No |  |  |
|  |  |  |  |  |  |
| ( e) | Supply,fixing and connection of 63 A 4 pole copper bus bar |  |  |  |  |
|  | complete with 440 volt danger board & necessary materilas. | 1 | No |  |  |
|  |  |  |  |  |  |
| (f) | Supply,fixing and connection of 8"x6" M.S.Box |  |  |  |  |
|  | with 3 nos sliding fuse + 3 nos brass batten holder |  |  |  |  |
|  | + 3 nos 15W lamp ( Red,yellow & Blue) | 2 | Set |  |  |
|  |  |  |  |  |  |
| (g) | Supply, fixig & connection with S.M. housing 4 pole 40A MCB | 1 | No |  |  |
|  | for lighting on and off. |  |  |  |  |
|  |  |  |  |  |  |
| (h) | Supply,fixing and connection of 63A, 4pole C/O switch |  |  |  |  |
|  | only for light run from gen.set. Including all necessory alu. Lugs |  |  |  |  |
|  | cable, tape all complete and testing. | 1 | No |  |  |
|  | **Total of Part 7** |  |  |  |  |
|  |  |  |  |  |  |
| 8 | **Part : 8 EARTHING STATION :** |  |  |  |  |
| a) | Earthing installation as per I.E. rule conforming |  |  |  |  |
|  | to **IS 3043-1987** or its latest amendent by |  |  |  |  |
|  | making earth station with **600x600x3mm**(mini- |  |  |  |  |
|  | mun) thick copper plate electrode to be installed |  |  |  |  |
|  | such that is top edge shall be at a minimum depth |  |  |  |  |
|  | of 3.3mts below ground level after preparation |  |  |  |  |
|  | of ground with charcoal, sand ,& salt, connecting |  |  |  |  |
|  | the **25x3mm** thick copper lead in strip (upto 10 |  |  |  |  |
|  | mts length) by bolting and brazing to the copper |  |  |  |  |
|  | plate complete with Brass bolt of suitable |  |  |  |  |
|  | length double nuts & washer including supply & |  |  |  |  |
|  | fixing of **40mm dia 2.3Mts** long partly perforated |  |  |  |  |
|  | G.I. Pipe with funnel for watering arragment. |  |  |  |  |
|  | N.B :- **The Copper plate to be buried under** |  |  |  |  |
|  | **3.3Mts depth from ground level, including** |  |  |  |  |
|  | **C.I. Pit 300x300mm with necessary brick** |  |  |  |  |
|  | **wall ( For UPS earthing).** | 1 | Set |  |  |
|  |  |  |  |  |  |
| b) | SpikeEarthing with G.I. Electode 3mts. Longx50 |  |  |  |  |
|  | mm dia (Class - B) including accessories and |  |  |  |  |
|  | providing masonary enclosure with cover |  |  |  |  |
|  | 300x300mm plate having locking arrangement |  |  |  |  |
|  | and watering funnel Etc. with charcoal, |  |  |  |  |
|  | sand & salt at alternate layer as required |  |  |  |  |
|  | for electrical panel earthing. | 2 | Nos. |  |  |
|  |  |  |  |  |  |
| c) | Supply laying 2x8SWG copper bear wire from |  |  |  |  |
|  | earth spike to main panal.(Electrolite wire) | 52 | Mts |  |  |
|  |  |  |  |  |  |
| d) | Supply and fixing of earth bus bar of 25mm (W) |  |  |  |  |
|  | x 3mm ( Thk.)x200mm (L) complete with brass |  |  |  |  |
|  | nut bolt washer - 4 nos and bus insulator. | 2 | No. |  |  |
|  |  |  |  |  |  |
| e) | Do but with 1x16mmsq insulated |  |  |  |  |
|  | copper wire from earth spike to UPS earth |  |  |  |  |
|  | bus bar through PVC regid 20mmdia ISI mark. | 58 | Mts |  |  |
|  | **Total Of Part 8** |  |  |  |  |
|  |  |  |  |  |  |
| 9 | **Part : 9 Out door type Glow Sign board wiring :-** |  |  |  |  |
| a) | Supply, laying of main line with 2x2.5 +1x1.5 |  |  |  |  |
|  | mmsq through pvc conduite from main panel |  |  |  |  |
|  | to glow sign board. | 22 | Mts |  |  |
|  |  |  |  |  |  |
| b) | Supply installation of 16 amps DP mcb at main |  |  |  |  |
|  | entrance Glow sign board complete with timmer & |  |  |  |  |
|  | contractor (2NO + 2NC). 24 Hrs in orginal housing. | 1 | Set |  |  |
|  | **Total Of Part 9** |  |  |  |  |
|  |  |  |  |  |  |
| 10 | **Part : 10 A/C. electrification :-** |  |  |  |  |
| a) | Supply laying & connection of A/C. line for |  |  |  |  |
|  | 1.5 TR A/C. window / split with 2x4 + 1x2.5 |  |  |  |  |
|  | mmsq through 16 SWG pvc conduite with ISI |  |  |  |  |
|  | Mark rest same item no 1. | 35 | Mts |  |  |
|  |  |  |  |  |  |
| b) | Supply laying & connection of A/C. line for |  |  |  |  |
|  | 2TR A/C. window / split with 2x6 + 1x4 |  |  |  |  |
|  | mmsq through 16 SWG pvc conduite with ISI |  |  |  |  |
|  | Mark rest same item no 1. | 100 | Mts |  |  |
|  |  |  |  |  |  |
| c) | Supply & fixing of A/C. 18-25 Amps stator |  |  |  |  |
|  | complete with 25 amps socket in modular |  |  |  |  |
|  | type box.( Noth - West Make)for window unit. |  |  |  |  |
|  | For split unit plug socket to be fixed near cooling |  |  |  |  |
|  | unit & stator at 3.5 Ft from floor. | 1 | Nos |  |  |
|  | **Total of part 10** |  |  |  |  |
|  |  |  |  |  |  |
| 11 | **Part : 11** |  |  |  |  |
| a) | Supply fixing of 63 Amps TPN HRC type SFU |  |  |  |  |
|  | at SEB for main incomming on MS angle. |  |  |  |  |
|  | frame & 02 nos Cable end box including |  |  |  |  |
|  | connection. L& T make for main incoming end | 1 | No. |  |  |
|  | **Total Of Part 11** |  |  |  |  |
|  |  |  |  |  |  |
| **12** | **Part : 12 TEMPORARY AJUSTMENT ON SITE** |  |  |  |  |
|  | Removing and refixing the existing light fittings&fixtures, |  |  |  |  |
|  | electrical equipment like DB's , Main switch etc.,wires, |  |  |  |  |
|  | fire & security wires and equipments, AC wiring,refrigerent piping |  |  |  |  |
|  | &cables and necessary items as per the requirement for the make |  |  |  |  |
|  | shift arrangement to run the bank without hindrance as |  |  |  |  |
|  | instructed by the Architect in all respect. | 1 | Job |  |  |
|  | **Total Of Part 12** |  |  |  |  |
|  |  |  |  |  |  |
| **13** | **Part : 13 LESS:** |  |  |  |  |
|  | **BUYBACK of existing lights & fan fixtures** |  |  |  |  |
|  | of the Bank & removing them from the Bank's premises. |  |  |  |  |
|  | Tender will be rejected if the contractor does not |  |  |  |  |
|  | quote below items. |  |  |  |  |
| ( a) | Existing Single Tube lights with down rods | 3 | Nos |  |  |
| ( b ) | Existing Double Tube lights wit down rods | 20 | Nos |  |  |
| ( c ) | Existing Ceiling fans | 16 | Nos |  |  |
| ( d ) | Existing Exhaust fans | 2 | Nos |  |  |
| ( e ) | Existing wall fan | 1 | Nos |  |  |
|  | **Total Of Part 13** |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  | **Summary Sheet** |  |  |  |  |
|  |  |  |  |  |  |
|  | Part 1 Light Point wiring. |  |  |  |  |
|  | Part 2 Raw power point. |  |  |  |  |
|  | Part 3 Telephone wiring. |  |  |  |  |
|  | Part 4 Light Fittings. |  |  |  |  |
|  | Part 5 UPS wiring. |  |  |  |  |
|  | Part 6 Laying of cable |  |  |  |  |
|  | Part 7 Main panel |  |  |  |  |
|  | Part 8 Earthing station. |  |  |  |  |
|  | Part 9 Wiring Of Glow Sign Board. |  |  |  |  |
|  | Part 10 A/C Electrification |  |  |  |  |
|  | Part 11 Main Incomming Switch Fuse Unit. |  |  |  |  |
|  | Part 12 Temporary adjustment. |  |  |  |  |
|  | Part 13 Less Buy Back. |  |  |  |  |
|  | **TOTAL - A** |  |  |  |  |
|  |  |  |  |  |  |
|  | **NOTE:ALL RATES ARE INCLUSIVE OF DISMANTLING NECESSARY EXISTING ITEMS LIKE OLD WIRING, CABLES, PANEL, DB ETC. , REMOVAL AND DISPOSAL FROM SITE TO THE MUNICIPAL DUMPING GROUND.** | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **BOQ OF ELECTRICAL WORKS FOR UCO BANK - KOLKATA ZONAL OFFICE** | | | | | |
| **SL. No.** | **PARTICULAR** | **Qty** | **Unit** | **Rate (Rs.)** | **Amount(Rs.)** |
| B | **ELECTRICAL WORKS** |  |  |  |  |
| 1 | **Part :1 MAIN SWITCH** |  |  |  |  |
| (a) | Supply,fixing and connection of 125A TPN SFU - HBC type |  |  |  |  |
|  | fuse in sheet metal housing complete with necessary |  |  |  |  |
|  | connection including material and cable end box. ( 1 for main |  |  |  |  |
|  | Supply) type-IHFFTW . | 1 | No |  |  |
|  | **Total Of Part 1.** |  |  |  |  |
|  |  |  |  |  |  |
| 2 | **MAIN ELECTRICAL CUBICAL TYPE PANEL & DB** |  |  |  |  |
|  | **Floor / wall mouting type.** |  |  |  |  |
| a) | Supply, febricating,assembling,inter- |  |  |  |  |
|  | connection, testing & connceting with |  |  |  |  |
|  | incomming, out going power cables & |  |  |  |  |
|  | lines as required to complete the job of |  |  |  |  |
|  | cubical type electrical panel made from |  |  |  |  |
|  | 14SWG CRC. M.S. sheet with proper |  |  |  |  |
|  | earthing terminal(Nut- bolt &washer) 02 No. |  |  |  |  |
|  | outside of panal, same nut- bolt to tighten |  |  |  |  |
|  | with internal earth busbar of panel situated |  |  |  |  |
|  | inside loose wire box(on top portion of |  |  |  |  |
|  | panel)On top side of panel cable entry |  |  |  |  |
|  | arragement to be done for incomming |  |  |  |  |
|  | & out going of lines. Painting powder |  |  |  |  |
|  | coating electrical grey/ siemens grey to be done. |  |  |  |  |
|  | one 6"x4" enamal type 440Volt Danger board |  |  |  |  |
|  | to fix up on main panal bus-bar cover, components |  |  |  |  |
|  | are as follows :-All switches are front handle |  |  |  |  |
|  | operated & all MCB knob should be visual, all |  |  |  |  |
|  | component to provide in separate compartment |  |  |  |  |
|  | only One DB in one compartment all door are |  |  |  |  |
|  | detach able type.with IP protection-42. |  |  |  |  |
|  | 125Amps MCCB, 35KA. As main 01 NoD.H- 125A,4pole, |  |  |  |  |
|  | 63Amps MCCB, 25KA. As main 02 Nos (1 for Branch & 1for Spare ), |  |  |  |  |
|  | 200 Amps 4pole Cu. Bus Bar.300mm L x 25 x 6mm 02 Set. |  |  |  |  |
|  | 100A 4pole C/O switch - 1no |  |  |  |  |
|  | 32 Amps Four Pole MCB 06 Nos ( for 4nos,3TR casette unit & 2nos spare) |  |  |  |  |
|  | 40 Amps Four Pole MCB 01 No ( for 1no,LDB -2) |  |  |  |  |
|  | 4way TPN MCB DB with |  |  |  |  |
|  | 63 TPN MCB as main ( POWER DB). |  |  |  |  |
|  | 10-25Amps SP MCB - 8 Nos.+20A SP - 4Nos. |  |  |  |  |
|  | including Neutral Bar. 01 Set |  |  |  |  |
|  | 4way TPN MCB DB with |  |  |  |  |
|  | 40 TPN MCB as main (LIGHTING DB). |  |  |  |  |
|  | 16 Amps SP MCB - 04 Nos. |  |  |  |  |
|  | + 10 Amps SP MCB - 08 Nos. |  |  |  |  |
|  | including Neutral Bar. 01 Set |  |  |  |  |
|  | Digital Amps Meter 0-100 Amps 96x96mm with 3 Nos. |  |  |  |  |
|  | CT & selector switch 01 Set |  |  |  |  |
|  | (CT ratio 100/5 Amps). AE make. |  |  |  |  |
|  | Digital Volt meter 0-500volt A.C. 50 Hz.96x96mm |  |  |  |  |
|  | with selector switch. AE make.n 01 Set |  |  |  |  |
|  | 22mmdia LED indicator lamp 06 Nos. |  |  |  |  |
|  | 02 Amps D.Z. Fuse 06 Set. |  |  |  |  |
|  | 150x100mm enamal **Danger** board 440 volt. |  |  |  |  |
|  | (to set on bus bar cover). 01 No. |  |  |  |  |
|  | 63Amps TPN MCB (For 2 Nos 10KVA UPS) - 2 | 1 | Set |  |  |
|  |  |  |  |  |  |
| b) | Supply,fixing and connection of prefabricated ready |  |  |  |  |
|  | made D.B Havell's/MDS make double door 4way |  |  |  |  |
|  | TPN MCB D.B. for light along with following complete: |  |  |  |  |
|  | 4way TPN MCB DB with 40A TPN MCB as main |  |  |  |  |
|  | 10A SPMCB - 6 nos, 16A SPMCB - 4nos, 25A SPMCB-2Nos. |  |  |  |  |
|  | including Neutral Bar. | 1 | Set |  |  |
|  | **Total of Part 2** |  |  |  |  |
|  |  |  |  |  |  |
| 3 | **Part : 3 SUPPLY, FIXING & CONNECTION** |  |  |  |  |
|  | **OF LIGHT FITTINGS WITH LAMP and FANS :** |  |  |  |  |
| a) | Supply Installation, testing & commissioning of 595x595mm |  |  |  |  |
|  | 36W 5700K high spec base LED panel lights with 120lm/W of CRCA housing of |  |  |  |  |
|  | approved make ( PBLM21368 ) To hang fronm true |  |  |  |  |
|  | ceiling by 25x3 mm M.S flat with nuts and bolt as required. | 62 | Nos |  |  |
|  |  |  |  |  |  |
| b ) | Supply,Installation, testing & commissioning of 18W/20W |  |  |  |  |
|  | 3000K-6500K 169mm dia LED recessed down light with 110lm/W |  |  |  |  |
|  | comprising of casted Al housing with SS springs for recessed mounting |  |  |  |  |
|  | arrangements of approved make. ( PDLM26183-188 ) | 32 | Nos |  |  |
|  |  |  |  |  |  |
| c ) | Supply,Instrallation testing & commissioning of 12W 3000K-6500K |  |  |  |  |
|  | 139mm dia LED recessed down light with 110lm/W comprising of casted |  |  |  |  |
|  | Al housing with SS springs for recessed mounting arrangements |  |  |  |  |
|  | of approved make. ( PDLM26123-128) | 55 | Nos |  |  |
|  |  |  |  |  |  |
| d) | Supply,Installation, testing & commissioning of 4'-0" long 36W |  |  |  |  |
|  | 6500K commercial batten light comprising of extruded Al housing with |  |  |  |  |
|  | PC Diffuser , PC endcaps & spring steel clamps for surface |  |  |  |  |
|  | mounting arrangement of approved make.( PBTM08367) | 5 | Nos |  |  |
|  |  |  |  |  |  |
| e) | Supply,Installation, testing & commissioning of 2'-0" long 10W 6500K |  |  |  |  |
|  | commercial batten light comprising of extruded Al housing with |  |  |  |  |
|  | PC Diffuser , PC endcaps & spring steel clamps for surface |  |  |  |  |
|  | mounting arrangement of approved make. ( PBTM01107) | 2 | Nos |  |  |
|  |  |  |  |  |  |
| f) | SITC of 225 mm dia heavey duty metal body Exhust fan 230 voltA.C. |  |  |  |  |
|  | The rate is inclusive of necessary hole cutting and plastering. | 5 | Nos |  |  |
|  |  |  |  |  |  |
| g) | SITC of High speed Wall mountaing |  |  |  |  |
|  | fan osyliating type 400 mm dia 230 volt A.C. | 40 | Nos. |  |  |
|  |  |  |  |  |  |
| h) | SITC of Ceiling fan 48" sweep ,double bearing 230 volt A.C. with |  |  |  |  |
|  | " S" hook cutting with plastering and cable connection complete. | 1 | Nos. |  |  |
|  |  |  |  |  |  |
|  | **Total Of Part 3.** |  |  |  |  |
|  |  |  |  |  |  |
| 4 | **Part : 4, LAYING OF CABLE** |  |  |  |  |
| a) | Supply laying fixing main power with 95mm**2** 4 core PVC |  |  |  |  |
|  | insulated PVC sheated Alu. Conductor, 1100 v. Grade |  |  |  |  |
|  | armoured cable complete with 02 nos 8 SWGbear GI. Wire |  |  |  |  |
|  | as running earth. (main power cable) & hardware to take |  |  |  |  |
|  | actual mesurment before laying cable.From 2nd floor. | 55 | Mts |  |  |
|  |  |  |  |  |  |
| b) | End termination of 95 mm**2** 4 core armoured cable, complete |  |  |  |  |
|  | with brass cable gland, Alu. Lug PVC tape. (Dewells socket |  |  |  |  |
|  | & Arun make midiam gland to be used.) | 4 | End |  |  |
|  |  |  |  |  |  |
| c) | Main power line for LDB -2 drown by 6sqmm 4Core |  |  |  |  |
|  | Cu. Conductor PVC insulated armoured cable with 2 nos |  |  |  |  |
|  | 12 swg bare cu.wire along with cable. | 45 | Mt. |  |  |
|  |  |  |  |  |  |
| d) | End termination of 6sqmm 4Core armoured cable, complete |  |  |  |  |
|  | with brass cable gland, Alu. Lug PVC tape. (Dewells socket |  |  |  |  |
|  | & Arun make midiam gland to be used.) | 4 | End |  |  |
|  | **Total Of Part 4.** |  |  |  |  |
|  |  |  |  |  |  |
| 5 | **Part : 5, UPS WIRING :** |  |  |  |  |
| a) | Supply, fixing & connection of UPS circuite line with 2x2.5+1x1.5mmsq through |  |  |  |  |
|  | P.V.C. conduite 20mmdia MMS/1.5 MM wall.tickness, with ISI mark, to lay from |  |  |  |  |
|  | UPS MCB DB to plug point board.Rest same as item no.6. (2 no points to be |  |  |  |  |
|  | connected from One circuite) . | 785 | Mts |  |  |
|  |  |  |  |  |  |
| b) | Suppy, fixing & connection of 2x6Amps 5 pin socket + 1x16Amps 6 pin socket in |  |  |  |  |
|  | single board (under table) + one 16A switch in another board above table |  |  |  |  |
|  | as per direction. (under table Ht22") | 55 | Set |  |  |
|  |  |  |  |  |  |
| c) | - Do - but 2x6/16A, 6pin socket with 2 x 16A switch to provide near HUB rack |  |  |  |  |
|  | & line printer are to be connected from UPS power. | 4 | Set |  |  |
|  |  |  |  |  |  |
| d) | Supply laying & connection UPS incomming power line with 10mmsq 4 core PVC |  |  |  |  |
|  | insulated,PVC sheated CU. Conductor, 1100 v. grade armoured cable complete |  |  |  |  |
|  | with 02 nos 10 SWG bear CU.wire as running earth. | 110 | Mts |  |  |
|  |  |  |  |  |  |
| e) | End termination of 10mmsq. 4 Core armoured cable,complete with brass cable |  |  |  |  |
|  | gland , CU. Lug, PVC tape. | 4 | Set |  |  |
|  |  |  |  |  |  |
| f) | Supply, fixing & connection of 63A TPN MCB with MS enclosure for UPS incomming. | 2 | Nos |  |  |
|  |  |  |  |  |  |
| g) | Supply, fixing & connection of 63A DP MCB with MS enclosure for UPS outgoing. | 4 | Nos |  |  |
|  |  |  |  |  |  |
| h) | Supply installation and termination of UPS outgoing powder distribution system |  |  |  |  |
|  | with 12Way SPN DB comprising 10x10Amps SP MCB & 40 Amps DP RCBO |  |  |  |  |
|  | 30MA as main. MDS make IP -42 Double Door. | 4 | Nos |  |  |
|  |  |  |  |  |  |
| i) | Supply, installation and termination of UPS |  |  |  |  |
|  | outgoing power line with 2x6mmsq +1x4 mmsq (as earth) |  |  |  |  |
|  | PVC insulated copper flexible wire through 25mm dia MMS PVC rgid conduit |  |  |  |  |
|  | from UPS outgoing to 2 nos UPS DB via c/o switch as per |  |  |  |  |
|  | drawing with change over switch. | 115 | Mtr |  |  |
|  |  |  |  |  |  |
| j) | Supply laying & connection of 4x25sqmm +2x6sqmm PVC insulated copper wire |  |  |  |  |
|  | through 32mm dia MMS PVC rgid conduit for main metre loop & inter connection. | 15 | Mtr |  |  |
|  | **Total Of Part 5.** |  |  |  |  |
|  |  |  |  |  |  |
| 6 | **Part 6 : LIGHT POINT WIRING** |  |  |  |  |
|  | Supply,laying, connection &testing of light,fan point, wiring by 2x1.5mmsq |  |  |  |  |
|  | (2x3/.029) +1x1mmsq PVC insulated copper flexible wire maintaining |  |  |  |  |
|  | the colour code as per direction in MMS PVC conduite of 20mm with ISI mark |  |  |  |  |
|  | 1.5 pvc wall thk. to conceal in wall partition mending good the damage, |  |  |  |  |
|  | complete with pvc circular box, bend to be done as per drawing including |  |  |  |  |
|  | 3 point ceiling rose where ever required. GI saddle to be used for fixing, |  |  |  |  |
|  | pvc conduite/ flexible pipe may use if requied in partition wall. All pvc pipes |  |  |  |  |
|  | should be with ISI mark. No joints will be allowed inside pipe.Light, fan |  |  |  |  |
|  | & plug point complete with modular type switch plate & modular MS box . |  |  |  |  |
|  | Including the main circuite line by 2x2.5mmsq+1x1.5mmsq earth PVC insulated |  |  |  |  |
|  | Cu. Wire,maintaining the colour code. Circuite line for lighting switch board |  |  |  |  |
|  | 6Amps plug board are to be drawn from lighting DB to Lighting board & |  |  |  |  |
|  | 6A plug point board, 6/16 Amps plug point line are to be drawn from power DB. |  |  |  |  |
|  | 3Nos lighting board/ 03 Nos.6Amps plug are to be connected from one circuite |  |  |  |  |
|  | & 02 Nos. 6/16 plug to be connected from one circuite |  |  |  |  |
|  | (Lighting S.Board height-32" from floor). |  |  |  |  |
| a) | Lighting point complete with modular type |  |  |  |  |
|  | switch, plate, M.S. conceal box. |  |  |  |  |
|  | Point - 1 Light point control by 01 switch. | 75 | Nos |  |  |
|  | Point - 2 Light point control by 01 switch. | 40 | Nos |  |  |
|  | Point - 3 Light point control by 01 switch. | 2 | Nos |  |  |
|  |  |  |  |  |  |
| b) | Exhust fan point same as item No. 6 complete with modualr type switch plate & |  |  |  |  |
|  | MS conceal box & 3 pin ceiling rose. Control switch on lighting board. Control |  |  |  |  |
|  | switch may placed on lighting switch board.including hole cutting and |  |  |  |  |
|  | mending good the damage. | 5 | Nos |  |  |
|  |  |  |  |  |  |
| c) | Wall bracket fan point as above complete with modular type switch , plate & |  |  |  |  |
|  | M.S. conceal box. Including one 2pin plug socket,front plate & conceal box |  |  |  |  |
|  | at fan end. Ht at 6'6", Control switch on lighting board. | 40 | Nos. |  |  |
|  |  |  |  |  |  |
| d) | Ceiling fan point as above complete with modular type switch, modular plate & |  |  |  |  |
|  | conceal box. The rate is inclusive of 100W electronics regulator. | 1 | Nos. |  |  |
|  |  |  |  |  |  |
| e) | Call bell point same as above complete with modular type push switch , plate & |  |  |  |  |
|  | M.S. conceal box with Din - Dong type bell. Bell on partition wall outside of ZM & |  |  |  |  |
|  | DZM's cabin & push switch on manager's side table. One bell for main entrance. | 4 | No. |  |  |
|  |  |  |  |  |  |
| f) | UPS Single light point same as above complete with modular switch |  |  |  |  |
|  | plate and M.S. box connect from UPS DB. (one in ZM,one in DZM's room each and |  |  |  |  |
|  | others in general office area) | 13 | No. |  |  |
|  | **Total Of Part 6** |  |  |  |  |
|  |  |  |  |  |  |
| 7 | **PART - 7 EARTHING STATION :** |  |  |  |  |
| a) | Earthing installation as per I.E. rule conforming |  |  |  |  |
|  | to **IS 3043-1987** or its latest amendent by |  |  |  |  |
|  | making earth station with **600x600x3mm**(mini- |  |  |  |  |
|  | mun) thick copper plate electrode to be installed |  |  |  |  |
|  | such that is top edge shall be at a minimum depth |  |  |  |  |
|  | of 3.3mts below ground level after preparation |  |  |  |  |
|  | of ground with charcoal, sand ,& salt, connecting |  |  |  |  |
|  | the **25x3mm** thick copper lead in strip (upto 10 |  |  |  |  |
|  | mts length) by bolting and brazing to the copper |  |  |  |  |
|  | plate complete with Brass bolt of suitable |  |  |  |  |
|  | length double nuts & washer including supply & |  |  |  |  |
|  | fixing of **40mm dia 2.3Mts** long partly perforated |  |  |  |  |
|  | G.I. Pipe with funnel for watering arragment. |  |  |  |  |
|  | N.B :- **The Copper plate to be buried under** |  |  |  |  |
|  | **3.3Mts depth from ground level, including** |  |  |  |  |
|  | **C.I. Pit 300x300mm with necessary brick** |  |  |  |  |
|  | **wall ( For UPS earthing).** | 1 | Set |  |  |
|  |  |  |  |  |  |
| b) | Spike Earthing with G.I. Electorde 3mts. Longx50 |  |  |  |  |
|  | mm dia (Class - B) including accessories and |  |  |  |  |
|  | providing masonary enclosure with cover C.I |  |  |  |  |
|  | 300x300mm plate having locking arrangement |  |  |  |  |
|  | and watering funnel Etc. with charcoal, |  |  |  |  |
|  | sand & salt at alternate layer as required |  |  |  |  |
|  | for electrical panel earthing. - 2 Nos |  |  |  |  |
|  | For UPS earthing - One | 2 | No. |  |  |
|  |  |  |  |  |  |
| c) | Supply laying 2x8SWG copper bare wire from |  |  |  |  |
|  | earth spike to main DB.(Electrolite wire) | 85 | Mts |  |  |
|  |  |  |  |  |  |
| d) | Do but with 1x16mmsq PVC insulated |  |  |  |  |
|  | copper wire from earth spike to UPS earth |  |  |  |  |
|  | bus bar through PVC regid MMS 20mmdia of approved make. | 80 | Mts |  |  |
|  | **Total Of Part 7** |  |  |  |  |
|  |  |  |  |  |  |
| 8 | **Part : 8 A/C. ELECTRIFICATION** |  |  |  |  |
| a) | Supply laying & connection of A/C. line for |  |  |  |  |
|  | 1.5 TR/2TR A/C. split with 2x4 + 1x2.5 |  |  |  |  |
|  | mmsq through 20mm MMS pvc conduite with approved make |  |  |  |  |
|  | rest same item no 6. | 250 | Mts |  |  |
|  |  |  |  |  |  |
| b) | Supply,laying and connection of 2 Core 6 sqmm cu. |  |  |  |  |
|  | armoured cable for 1.5TR/2TR casatte a/c with 1x 14SWG copper wire. | 55 | Mts |  |  |
|  |  |  |  |  |  |
| c) | Supply fixing of A/C. 18-25 Amps stator |  |  |  |  |
|  | complete with 25 amps socket in modular |  |  |  |  |
|  | type box.( Noth - West Make)for split unit with plug top |  |  |  |  |
|  | For split unit plug socket to fixed near cooling |  |  |  |  |
|  | unit & stator at 3.5 Ft from floor. | 12 | Nos |  |  |
|  |  |  |  |  |  |
| d) | Server Room 02 Nos A.C are to be connected |  |  |  |  |
|  | through 24 Hrs Timmer with contractor so that A.C can run |  |  |  |  |
|  | alternitly. | 1 | Nos |  |  |
|  |  |  |  |  |  |
| e) | Supply and laying Main Power Cable with 4 sqmm 4 core |  |  |  |  |
|  | copper armoured cable complete with 02 nos 8 SWG bear Gl.wire |  |  |  |  |
|  | as running earth. (For 3TR cassette upto outdoor unit . ) | 148 | Mtr. |  |  |
|  |  |  |  |  |  |
| f) | Supply , fixing & connection of 3 phase waterproof box with |  |  |  |  |
|  | 4pole 32A MCB for 3TR casatte A.C. | 4 | Nos |  |  |
|  | **Total of part 8** |  |  |  |  |
|  |  |  |  |  |  |
| 9 | **Part : 9 RAW POWER WIRING** |  |  |  |  |
| a) | Supply, Laying of Circuite line2x2.5mmsq +1x |  |  |  |  |
|  | 1.5mmsq PVC insulated copper wire form LDB to 6/16A or |  |  |  |  |
|  | 6Amps Plug point. Also note that 03 Nos 06 amps |  |  |  |  |
|  | Plug to be connected from one circuite line.rest are same as item No 6. | 725 | Mts |  |  |
|  |  |  |  |  |  |
| b) | Supply, Fixing & connection of modular type 6A Plug & switch point on lighting board. | 25 | No. |  |  |
|  |  |  |  |  |  |
| c) | Supply, Fixing & connection of modular type 6 amps Plug |  |  |  |  |
|  | switch complete with circui wiring 2x2.5sqmm +1x1.5sqmm |  |  |  |  |
|  | PVC insulated copper wire through 20mm dia PVC pipe & |  |  |  |  |
|  | Ms box Socket switch above table at 32" height fr. Floor. | 56 | No. |  |  |
|  |  |  |  |  |  |
| d) | - Do - but 16 Amps 6pin socket with 16amps |  |  |  |  |
|  | switch for raw/UPS power point complete with ( 02 Nos plug |  |  |  |  |
|  | connected from one circuite.) circui wiring 2x2.5sqmm +1x1.5sqmm |  |  |  |  |
|  | PVC insulated copper wire through 20mm dia PVC pipe & |  |  |  |  |
|  | Ms box Socket switch.(Ht.of Plug point as per advice of consultant). | 10 | No. |  |  |
|  | **Total Of Part 9** |  |  |  |  |
|  |  |  |  |  |  |
| 10 | **Part : 10 OUT DOOR TYPE GLOW SIGN BOARD WIRING** |  |  |  |  |
| a) | Supply, laying of main line with 2x2.5 +1x1.5sqmm through 20mm MMS |  |  |  |  |
|  | pvc conduite from main panel to glow sign board. | 55 | Mts |  |  |
|  |  |  |  |  |  |
| b) | Supply installation of 16 amps DP mcb at mainentrance Glow sign board |  |  |  |  |
|  | complete with timmer with contractor. 24 Hrs in orginal housing. | 1 | Set |  |  |
|  | **Total Of Part 10** |  |  |  |  |
|  |  |  |  |  |  |
| 11 | **Part : 11 TELEPHONE WIRING & EPABX SYSTEM.** |  |  |  |  |
| a) | Supply laying & connection of same as item no.6 but with 2 pair 0.51mmsq |  |  |  |  |
|  | tinned CU. conductor through 20mm MMS PVC regid conduit from telephone point |  |  |  |  |
|  | to Korne DB complete with RJ - 11 telephone socket modular type in |  |  |  |  |
|  | MS conceal box.under table at 22" Ht. Please mark the cable with PVC farwal. | 52 | No. |  |  |
|  |  |  |  |  |  |
| b) | Supply, fixing & connection of Cat -6 cable from VSNL D.B to HUB rack through |  |  |  |  |
|  | separate 25mm dia MMS PVC regid conduit fror Lease line & ISDN line.(02 Line) | 50 | Mt. |  |  |
|  |  |  |  |  |  |
| c) | Do - 10 pair 0.51mmsq copper conductor telephone cable in 20mm dia MMS PVC |  |  |  |  |
|  | conduit from VSNL D.B to 100 pair KORN connector. | 60 | Mts |  |  |
|  |  |  |  |  |  |
| d) | Supply, fixing & connection of 100 pair KRONE connector DB complete with |  |  |  |  |
|  | PVC moulded & KRONE connector. | 1 | Set |  |  |
|  |  |  |  |  |  |
|  | **Total Of Part 11** |  |  |  |  |
|  |  |  |  |  |  |
| 12 | **Part : 12 TEMPORARY AJUSTMENT ON SITE** |  |  |  |  |
|  | Removing and refixing the existing light fittings&fixtures, |  |  |  |  |
|  | electrical equipment like DB's , Main switch etc.,wires,fire & security |  |  |  |  |
|  | wires and equipments, AC wiring,refrigerent piping &cables and |  |  |  |  |
|  | necessary items as per the requirement for the make shift arrangement |  |  |  |  |
|  | to run the bank without hindrance as instructed by the Architect |  |  |  |  |
|  | in all respect. | 1 | Job |  |  |
|  | **Total Of Part 12.** |  |  |  |  |
|  |  |  |  |  |  |
| 13 | **Part : 13 LESS:** |  |  |  |  |
|  | **BUYBACK of existing lights & fan fixtures** |  |  |  |  |
|  | of the Bank & removing them from the Bank's premises. |  |  |  |  |
|  | Tender will be rejected if the contractor does not |  |  |  |  |
|  | quote below items. |  |  |  |  |
| ( a) | Existing Tube lights with two tubes and 2 nos down rod | 3 | Nos |  |  |
| ( b ) | Existing Tube lights with one tube and 2 nos down rod | 47 | Nos |  |  |
| ( c ) | Existing Ceiling fans | 18 | Nos |  |  |
|  | **Total Of Part 13.** |  |  |  |  |
|  |  |  |  |  |  |
|  | **Summary Sheet** |  |  |  |  |
|  | Part 1 Main Switch |  |  |  |  |
|  | Part 2 Main Panel |  |  |  |  |
|  | Part 3 Light Fittings. |  |  |  |  |
|  | Part 4 Laying of Main Cable |  |  |  |  |
|  | Part 5 UPS wiring. |  |  |  |  |
|  | Part 6 Light Point wiring. |  |  |  |  |
|  | Part 7 Earthing station. |  |  |  |  |
|  | Part 8 A/C Electrification |  |  |  |  |
|  | Part 9 Raw power point. |  |  |  |  |
|  | Part 10 Wiring Of Glow Sign Board. |  |  |  |  |
|  | Part 11 Telephone Wiring & EPABX System. |  |  |  |  |
|  | Part 12 Temporary Adjustment on site. |  |  |  |  |
|  | **Total** |  |  |  |  |
|  | Part 13 Less Buy Back Items |  |  |  |  |
|  | **TOTAL - B** |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **BOQ FOR AIR CONDITIONING WORKS AT UCO BANK- L.L.R SARANI BRANCH** | | | | | |
| **C** | **AIR - CONDITIONING** |  |  |  |  |
| **SR. NO.** | **DESCRIPTION** | **QTY.** | **UNIT** | **RATE** | **AMOUNT** |
|
|  | **HIGH SIDE WORK** |  |  |  |  |
|  | **HITACHI/DAIKEN/MITSUBISHI/O- GENERAL - Hi Wall Split Machine** |  |  |  |  |
| 1.a) | Supply of aircooled microprocessor based Tropical inverter type Hi-wall split A.C unit , with auto filter cleaning technology capacity-1.0Tr(3star)cooling capacity of 12000 BTU/hr with green refrigerent ( R-410 A ) & 1 x 1.0 Tr rotary type compressor connected at outdoor unit & indoor unit with air flow 425 CFM. Indoor unit comprising multi row DX copper cooling coil, expansion valve, dryer motor driven air blower with metallic frame etc. Out door unit will have rotary compressor , cooper condention coil, fan & cordless remote control unit etc.including refrigerent gass charging. | 1 | Nos |  |  |
|  |  |  |  |  |  |
| 1.b) | Supply of aircooled microprocessor based celling mounted 1.5Tr(3star) casatte type air conitioner by cutting false ceiling & comprising of indoor & outdoor units . Cooling capacity of 18000 BTU/hr with R-410 A, refrigerent & 1 x 1.5 Tr rotary type compressor connected at outdoor unit & indoor unit with air flow 550 CFM. Indoor unit comprising multi row DX copper cooling coil, expansion valve, dryer, motor driven air blower with metallic frame etc. Out door unit will have rotary compressor , cooper condention coil, fan & cordless remote control unit etc.including refrigerent gass charging. | 1 | Nos |  |  |
| 1c) | Supply of aircooled microprocessor based celling mounted 2.0Tr(3star ) Casatte type air conitioner by cutting false ceiling & comprising of indoor & outdoor unit. Cooling capacity of 22000 BTU/hr with R-410 A, refrigerent & 1 x 2.0 Tr twin rotary type compressor connected at outdoor unit & indoor unit with air flow 800 CFM. Indoor unit comprising multi row DX copper cooling coil, expansion valve, dryer, motor driven air blower with metallic frame etc. Out door unit will have rotary compressor , cooper condention coil, fan & cordless remote control unit etc.including refrigerent gass charging. | 2 | Nos |  |  |
| **TOTAL FOR HIGH SIDE WORK - A** | | | | |  |
|  |  |  |  |  |  |
|  | **LOWER SIDE WORK** |  |  |  |  |
| 1 | INSULATED REFRIGERANT PIPING |  |  |  |  |
| a) | SITC of 15.9mm dia & 6.4mm dia cooper refrigerent piping interconnecting respective outdoor to indoor units with refrigerent grade hard & soft drawn copper tubes, including with all necessary supports, 6mm thick nitrile type insulation . ( For Split unit) | 15.00 | RMT |  |  |
| b) | SITC of 19.1mm dia & 9.5mm dia cooper refrigerent piping interconnecting respective outdoor to indoor units with refrigerent grade hard & soft drawn copper tubes, including with all necessary supports, 6mm thick nitrile type insulation .( For 1.5TR cassette unit) | 55.00 | Mtr |  |  |
|  |  |  |  |  |  |
| 2 | FRAME WORK |  |  |  |  |
| a) | Outdoor Stand M.S.Platform type with Safety Railing: |  |  |  |  |
|  | 1.0TR Split Ac | 1.00 | No |  |  |
|  |  |  |  |  |  |
| 3 | Supply & installation of Metallic catwalk with necessary service provision(safety cage) for a.c outdoor units With required support & hanging arrangement & duly epoxy painted with scraffholding arrangement in the outside wall of the building . |  |  |  |  |
| a) | For 1.5TR /2.0TR cassette AC ( Size: 3'-6" x 2'-6" x 1'-6" ) | 3.00 | Nos |  |  |
|  |  |  |  |  |  |
| 4 | INSULATED DRAIN PIPING |  |  |  |  |
| a) | 25mm thick Hard PVC | 70.00 | RMT |  |  |
|  |  |  |  |  |  |
| 5 | ARMOURED ELECTRICAL CABLING ALONG WITH EARTHING |  |  |  |  |
| a) | 4C/2.5 Sqmm | 70.00 | RMT |  |  |
|  |  |  |  |  |  |
| 6 | INSTALLATION, TESTING & COMMISSIONING |  |  |  |  |
| a | 1.0TR Split A.C | 1.00 | No |  |  |
| b | Installation, testing & commissioning charges including of all necessary hanging arrangement lifting,shifting with vibration isolation pad for cassatte a.c | 3.00 | Nos |  |  |
|  |  |  |  |  |  |
| 7 | Making of bamboo scaffolding in single/ doubleframe as required with platform. | 1 | Job |  |  |
|  |  |  |  |  |  |
| **TOTAL FOR LOW SIDE WORKS - B** | | | | |  |
| **TOTAL - C- ( A+B)** | | | | |  |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **BOQ FOR AIR CONITIONING WORKS FOR UCO BANK - KOLKATA ZONAL OFFICE** | | | | | |
| **SL.NO.** | **PARTICULARS** | **QTY** | **UNIT** | **RATE (Rs.)** | **AMOUNT (Rs.)** |
| **D** | **AIR-CONDITIONING WORKS** |  |  |  |  |
|  | **HIGER SIDE WORK - I** |  |  |  |  |
| 1 | Supply of aircooled microprocessor based Tropical inverter type Hi-wall split A.c unit , with auto filter cleaning technology capacity-1.5Tr(3star)cooling capacity of 20600 BTU/hr with R-410 A/green gas, refrigerent & 1 x 1.5 Tr rotary type compressor connected at outdoor unit & indoor unit with air flow 583 CFM. Indoor unit comprising multi row DX copper cooling coil, expansion valve, dryer motor driven air blower with metallic frame etc. Out door unit will have rotary compressor , cooper condention coil, fan & cordless remote control unit etc.including refrigerent gass charging. | 3 | Nos |  |  |
| 2 | Supply of aircooled microprocessor based Tropical inverter type Hi-wall split A.c unit , with auto filter cleaning technology capacity-1.0Tr(3star)cooling capacity of 12000 BTU/hr with R-410 A/green gas, refrigerent & 1 x 1.0 Tr rotary type compressor connected at outdoor unit & indoor unit with air flow 425 CFM. Indoor unit comprising multi row DX copper cooling coil, expansion valve, dryer motor driven air blower with metallic frame etc. Out door unit will have rotary compressor , cooper condention coil, fan & cordless remote control unit etc.including refrigerent gass charging. | 4 | Nos |  |  |
| 3 | Supply of aircooled microprocessor based celling mounted 3.0Tr Casatte type air conitioner by cutting false ceiling & comprising of indoor & outdoor unit. Cooling capacity of 36100 BTU/hr with R-410 A/green gas, refrigerent & 1 x 3.0 Tr twin rotary type compressor connected at outdoor unit & indoor unit with air flow 1000 CFM. Indoor unit comprising multi row DX copper cooling coil, expansion valve, dryer, motor driven air blower with metallic frame etc. Out door unit will have rotary compressor , cooper condention coil, fan & cordless remote control unit etc.including refrigerent gass charging. | 4 | Nos |  |  |
| 4 | Supply of aircooled microprocessor based celling mounted 2.0Tr Casatte type air conitioner by cutting false ceiling & comprising of indoor & outdoor unit. Cooling capacity of 22000 BTU/hr with R-410 A/ green gas, refrigerent & 1 x 2.0 Tr twin rotary type compressor connected at outdoor unit & indoor unit with air flow 800 CFM. Indoor unit comprising multi row DX copper cooling coil, expansion valve, dryer, motor driven air blower with metallic frame etc. Out door unit will have rotary compressor , cooper condention coil, fan & cordless remote control unit etc.including refrigerent gass charging. | 5 | Nos |  |  |
|  | **SUB TOTAL - I** |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  | **LOWER SIDE WORKS - II** |  |  |  |  |
| 1 | Installation, testing & commissioning of charges including of all necessary lifting,shifting with vibration isolation pad for hi-wall split a.c | 7 | Nos |  |  |
| 2 | Installation, testing & commissioning charges including of all necessary hanging arrangement lifting,shifting with vibration isolation pad for cassatte a.c | 9 | Nos |  |  |
| 3 | SITC of 19.1mm dia & 9.5mm dia cooper refrigerent piping interconnecting respective outdoor to indoor units with refrigerent grade hard & soft drawn copper tubes, including with all necessary supports, 6mm thick nitrile type insulation .( For 3.0TR/2.0TR cassette unit) | 150 | Mtr |  |  |
| 4 | SITC of 15.9mm dia & 6.4mm dia cooper refrigerent piping interconnecting respective outdoor to indoor units with refrigerent grade hard & soft drawn copper tubes, including with all necessary supports, 6mm thick nitrile type insulation . ( For Split unit) | 70 | Mtr |  |  |
| 5 | SITC of 6core 2.5sqmm copper conductor flexible cable between Indoor & outdoor units through holes for cassette unit. ( cables to be as per manufacturer's specification/ recommendation) | 165 | Mtr |  |  |
| 6 | SITC of 4core 2.5sqmm copper conductor flexible cable between Indoor & outdoor units through holes for Split AC's. ( cables to be as per manufacturer's specification/ recommendation) | 65 | Mtr |  |  |
| 7 | SITC of condansate drain water piping with necessary U-traps having cleaning facility with 6mm nitrile rubber insulation. |  |  |  |  |
| a) | 32 mm dia hard type | 40 | Mtr |  |  |
| b) | 25 mm dia soft type | 75 | Mtr |  |  |
| 8 | Supply & installation of Metallic catwalk with necessary service provision(safety cage) for a.c outdoor units With required support & hanging arrangement & duly epoxy painted with scraffholding arrangement in the outside wall of the building . |  |  |  |  |
| a) | For 3.0TR/2.0TR cassette unit ( Size: 4'-6" x 2'-6" x 2'-0" ) | 9 | Nos |  |  |
| b) | FRAME WORK |  |  |  |  |
|  | Outdoor Stand M.S.Platform type with Safety Railing: |  |  |  |  |
|  | 1.0TR Split Ac | 7 | No |  |  |
|  |  |  |  |  |  |
| 9 | Making of bamboo scaffolding in single/ doubleframe as required with platform. | 1 | Job |  |  |
| 10 | Supply and charging of extra refrigerent of refrigerent copper piping. | 16 | Nos |  |  |
| 11 | Civil cutting & filling charges for all the concealed pipeline work at the wall /in the floor with proper finishing with the proper materials at any length & height. | 16 | Nos |  |  |
|  | **SUB TOTAL - II** |  |  |  |  |
|  | **TOTAL D = ( I + II )** |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **BOQ FOR LAN WORK FOR UCO BANK- L.L.R SARANI BRANCH** | | | | | |
|
| **E** | **LAN** |  |  |  |  |
| **SL.NO.** | **PARTICULARS** | **QTY** | **UNIT** | **RATE** | **AMOUNT** |
| 1 | Supplying laying of Cat -6 wire through prelaid PVC regid pipe from HUB to IO box. (D-link/Luncent make) | 240 | Mts |  |  |
|  |  |  |  |  |  |
| 2 | Supplying laying of 25mm PVC pipe ISI mark in floor/wall/doodem partition for drawing Cat 6 wire from HUB to IO terminal. ( AKG / Pecission/ Polycab make ) | 145 | Mts |  |  |
|  |  |  |  |  |  |
| 3 | Supply fixing connection of IO box with front plate & RJ 45 socket under table. (D-LINK make) . | 7 | Nos |  |  |
|  |  |  |  |  |  |
| 4 | Mounting cord 7' 0"make D-Link | 7 | No |  |  |
|  |  |  |  |  |  |
| 5 | Mounting cord 3' 0"make D-Link | 7 | No |  |  |
|  |  |  |  |  |  |
| 6 | 24 PORT 10/100Mbps Switch | 1 | No |  |  |
|  |  |  |  |  |  |
| 7 | 24 Port Jack Panel Make:-D-Link | 1 | No. |  |  |
|  |  |  |  |  |  |
| 8 | 19" Rack 9U with Glass Door , Locking system Make: APW | 1 | No |  |  |
|  | **TOTAL - E** |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **BOQ FOR LAN WORK FOR UCO BANK - KOLKATA ZONAL OFFICE** | | | | | | | | | |
| **F** | | **LAN WORKS** | |  |  | |  |  | |
| **SL.NO.** | | **PARTICULARS** | | **UNIT** | **QTY** | | **RATE (Rs.)** | **AMOUNT (Rs.)** | |
| 1 | | Supplying laying of Cat -6 wire through prelaid PVC regid pipe from HUB to IO box. (D-link/Luncent make) | | 3371 | Mts | |  |  | |
|  | |  | |  |  | |  |  | |
| 2 | | Supplying laying of 25mm PVC pipe ISI mark in floor/wall/ wooden partition for drawing Cat 6 wire from HUB to IO terminal. ( AKG / Pecission/ Polycab make ) | | 1723 | Mts | |  |  | |
|  | |  | |  |  | |  |  | |
| 3.a) | | Supply & fixing of Dual IO box with front plate & RJ 45 socket under table. (D-LINK make) . | | 46 | Nos | |  |  | |
|  | |  | |  |  | |  |  | |
| 3.b) | | Supply & fixing of single IO box with front plate & RJ 45 socket under table. (D-LINK make) . | | 3 | Nos | |  |  | |
|  | |  | |  |  | |  |  | |
| 4 | | 24 Port Jack / Patch Panel Make:-D-Link | | 4 | No. | |  |  | |
|  | |  | |  |  | |  |  | |
| 5 | | 24 Port Giga byte switch Make : D-Link | | 2 | No | |  |  | |
|  | |  | |  |  | |  |  | |
| 6 | | Floor mounted 22U Rack with accessories ( fan , tray, power guard, cable manager, hardware screws etc.) | | 1 | No | |  |  | |
|  | |  | |  |  | |  |  | |
| 7 | | Mounting cord 7' 0"make D-Link | | 95 | No | |  |  | |
|  | |  | |  |  | |  |  | |
| 8 | | Mounting cord 3' 0"make D-Link | | 95 | No | |  |  | |
|  | |  | |  |  | |  |  | |
| 9 | | Rack setting, IO box, patch cord checking, tessting & connecting. | | 1 | Job | |  |  | |
|  | |  | |  |  | |  |  | |
| 10 | | Removing of old existing IO box, CAT-6 waires, racks etc. | | 1 | Job | |  |  | |
|  | | **TOTAL - F** | |  |  | |  |  | |
| **BOQ OF ELECTRICAL, AIR CONDITIONING & LAN WORKS FOR UCO BANK - L.L.R SARANI BRANCH & KOLKATA ZONAL OFFICE** | | | | | | | |
| **SUMMARY SHEET (ABSTARCT)** | | | | | | | |
|  | |  | | |  | | |
| A | | ELECTRICAL WORKS FOR BR. | | |  | | |
|  | |  | | |  | | |
| B | | ELECTRICAL WORKS FOR ZO | | |  | | |
|  | |  | | |  | | |
| C | | AIR - CONDITIONING WORKS FOR BR. | | |  | | |
|  | |  | | |  | | |
| D | | AIR - CONDITIONING WORKS FOR ZO | | |  | | |
|  | |  | | |  | | |
| E | | LAN WORKS FOR BR. | | |  | | |
|  | |  | | |  | | |
| F | | LAN WORKS FOR ZO | | |  | | |
|  | |  | | |  | | |
|  | | **TOTAL** | | |  | | |
|  | |  | | |  | | |
|  | | LESS DISCOUNT IF ANY | | |  | | |
|  | |  | | |  | | |
|  | | **SUB TOTAL** | | |  | | |
|  | |  | | |  | | |
|  | | ADD GST @ 18% | | |  | | |
|  | |  | | |  | | |
|  | | **GRAND TOTAL** | | |  | | |
|  | |  | | |  | | |

**GST will be paid separately at applicable rate**

(Signature of bidder with seal )\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Designation \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Note: The Bank reserves the right, not to execute all items of work nor to execute the full quantity of items, as mentioned in schedule of quantities.**

**ANNEXURE - VIII**

**LIST OF APPROVED MAKE OF MATERIALS FOR ELECTRICAL WORKS**

|  |  |  |
| --- | --- | --- |
| **SL.NO.** | **ITEMS** | **APPROVED MAKE** |
| 1 | MS pipe ISI mark. 16 SWG | BEC / NIC |
| 2 | M.S. fittings (Bend / Elbow / G.I Saddle / 3way circular box) | BEC / NIC |
| 3 | Wire PVC insulated copper flexible wire. (FRLS) | Finolex / Polycab / R.R. Kable/Anchor-Panasonic |
| 4 | A.C. starter | North – West / Crabtree/ MDS Legarand/ Anchor |
| 5 | 250 Volt 6 Amp Piano reed type switch, socket, modular plate | Anchor-Panasonic/Havells |
| 6 | 250 Volt 6/16 Amp. 3 pin modular type switch, socket | Crabtree (Athena ) /ABB (Sheron )/ MDS Legrand (Mosaic ) / Schnider ( Livia )/Anchor-Panasonic ( Roma Plus ) |
| 7. | Relay | ALSTOM / L & T |
| 8. | Capacitor | Mamal / L&T |
| 9. | Current Transformer | Kappa / L&T / Schneider (CG) A.E. |
| 10. | Changeover Swiitch | L&T HPL / GEC / Havells |
| 11. | Amps meter & Voltmeter. 96 x 96 mm (Analog) | AE / IMP / L&T ALSTOM/ HPL / Havlells |
| 12. | Miniature Circuit Breaker & MCB Distribution Boards, RCBO | MDS / ABB / L&T (Hager) / Schneider (CG) / Siemens / LK fuga / Havells/Anchor UNO |
| 13. | Amoured Cable | NICCO / Polycab / Havells |
| 14. | Telephone Socket RJ - 11 | Crabtree / ABB / MDS/Anchor-Panasonic |
| 15. | Telephone Cable ( 0.51 mmsq) 10/20 pair | Delton / Netco / Finolex / Retco/Anchor/ RR cable/Havells |
| 17. | Lugs | Dowells |
| 18. | Terminal Connector | ESSEN |
| 19. | SFU / SPN / TPN Sheet metal housing / Open execution front handle with housing | L & T / Siemens / Havells |
| 20. | Telephone Connector | KORN type |
| 21. | Selector Switch ( Rotary type) | Kaycee / A.E./ L& T/ Siemens |
| 22. | Rigid PVC Conduit (MMS ) | Polycab / AKG / Precession/Anchor |
| 23. | Sliding fuse / DZ fuse | Bharat Lender / BCH |
| 24. | PVC casing ( 20 mm ) | Precession / Supreme / Oriplast |
| 25. | Clock switch / Time switch | L & T/ MDS / GIC / T & C |
| 26. | PVC Tape | Steel Grip / Anchor-Panasonic |
| 27. | Join box ( 6” x 4” MS box ) heavy type | Local Make |
| 28. | Call Bell | Anchor-Panasonic / Max / Roma |
| 29. | Brass cable gland | Arun ( heavy type ) / Dowells |
| 30. | LED Indicator ( bright type) | Mikadov / L&T / MDS |
| 31. | PVC Flexible pipe | Hanuman / Precession /AKG/Polycab |
| 32. | Metal Clad socket & plug having scraping earth arrangement | Siemens / L& T/ MDS / Schneider |
| 33. | MCCB | Siemens / L& T/ MDS / Havells |
| 34. | Light fittings | Wipro / Philips /Panasonic/ Havells |
| 35 | Exhaust Fan 9” / 12” dia metal body | Crompton/ Orient / Usha/ Anchor anmol / Polar |
| 36 | Wall mounted ( Osyliating Type) 400mm | Crompton / Havells/Anchor Flora high speed/ Polstar |
| 37 | Ceiling Fan ( 1200mm ) | Crompton / Havells/ Anchor Flow GS/ Polar |
| 38 | All other items not covered above | As per sample approved by Employer/Consultant |

**LIST OF APPROVED MAKE OF MATERIALS FOR AIR-CONDITIONING WORKS**

|  |  |  |
| --- | --- | --- |
| **S.No.** | **Material Name.** | **Brand / Manufacturer / Recommended Make.** |
| 1. | Single phase & Three phase cassettes units | HITACHI / DAIKIN /MISTUBISHI /O GENERAL |
| 1a | Split units | HITACHI / DAIKIN / MISTUBISHI /O GENERAL |
| 2 | Copper refrigeration pipe | ROYKU/ RAJCO or approved equivalent. |
| 3. | Power Cables | CCI / ICC / Gloster / UCL/FINOLEX/ Polycab or approved equivalent. |
| 4. | Control Cables | Finolex / Delton / Polycab or approved equivalent. |
| 5. | Nitrile rubber insulation | Armaflex / vedoflex /AERO FLEX/ARMACELL/K Flex or approved equivalent. |

**NOTE :** The contractor shall use only above mentioned material or equivalent make to be approved by the Consultant. All other materials shall confirm to the specifications laid down. The tenderer shall take this into account while tendering rates / prices. The Consultant/Owner has got every right to select any of the above Makes for the Project. However Owner/Consultant before Execution shall be approved the samples of every material including all fixing accessories.

**LIST OF APPROVED MAKE OF MATERIALS FOR LAN WORKS**

|  |  |  |
| --- | --- | --- |
| **SN** | **ITEMS** | **APPROVED MAKE** |
| 1. | Cat 6 Cable | Finolex, Lucent, D-link, Molex |
| 2. | RJ45, Front plate, Socket, IO Box | D-link, Lucent, HCL, Amp ,Molex |
| 3. | 25mm dia PVC rigid conduit ( MMS ) | Precession, A.K.G,Plaza, Kalinga, Polycab, Anchor |
| 4. | 16 SWG MS sheet Floor Junction Box (250x250x35)mm | Local make |
| 5. | 24 port Switch | D-link, Netgear, Whaywe ( 3 com) |
| 6. | 24 port Jack panel | D-link, Lucent, HCL, Amp |
| 7. | 19” Rack 9U with glass door | APW, HCL, Vero – President |
| 8. | Mounting cord 7’-0” | D-link, Lucent, HCL |
| 9. | Mounting cord 4’-0” | D-link, Lucent, HCL |
| 10. | All other items not covered above | As per sample approved by Employer/Consultant |

1. [↑](#footnote-ref-2)
2. [↑](#footnote-ref-3)