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UCO BANK

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**TECHNICAL BID**

**Tender Reference No. –ZOND/GAD/ T-05 /2022-23**

**e-Tender Document**

**For**

**NOTICE INVITING COMPOSITE TENDER FOR INTERIOR ,CIVIL  
WORKS/FURNISHING,ELECTRIFICATION AND AIRCONDITIONING WORKS OF  
Branch OF UCO Bank,  
At President Estate, New Delhi.**

**Last Date of Submission : -31/03/2023 till 2.30 pm.**

**DEPARTMENT:-**

**The Zonal Manager  
UCO BANK ,  
ZO( GAD), 5-PARLIAMENT  
STREET,  
NEW DELHI-110 001**

**ARCHITECTS:-**

**M/S CHACHAD & ASSOCIATES  
A-1/297, SAFDARJUNG ENCLAVE,  
NEW DELHI - 110 029,  
M: 9810159316**

**TENDER DOCUMENT COST-Rs 2000/- payable by D.D. in favour of UCO Bank, New Delhi**

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## TENDER NOTICE

**Tender Reference No. – ZOND/GAD/ T-05/2022-23**

**Dt:21.03.2023**

UCO Bank, Delhi Zonal office intends to invite Online Tenders from the Empanelled, Reputed contractors for the proposed **INTERIOR ,CIVIL WORKS/FURNISHING,ELECTRIFICATION AND AIRCONDITIONING WORKS OF Branch OF UCO Bank, At President Estate,New Delhi.**

The completion period of work will be 25 days. The Work shall be executed as per specifications and supervision of our Consulting Architects, M/s. Chachad Associates , Tel : 8700931486 represented through Mr. Yogesh Chachad

Tender documents i.e. “Technical & Price Bids” for the above can be downloaded from our web site i.e. **www.ucobank.com**

Entire Tender document is to be submitted in e-Tender form & in 2 separate parts i.e.

1-Technical Bid and 2-Price Bid on our site **<https://www.tenderwizard.com/UCOBANK>**

Ernest Money of **Rs 32000/-** & Tender Fee **Rs. 2000/-** payable by way of Demand Draft/ Pay Order/ Net Banking in favor of **UCO Bank, New Delhi.**( exemption as per Gov Guidelines)

EMD Demand Draft/ Pay Order & Tender Fee should reach our office on or before 31/03/2023 not after 2.30 pm and Tender opening Committee shall open the Technical Bids after that.

EMD & Tender Fee (Separately) can be paid through net banking Account Number **01200210000960,UCO BANK, Branch Parliament Retail**(If EMD & Tender Fee is paid through online, kindly upload screen shot or mention UTR's no. on our website)(If EMD is paid through Demand Draft, kindly upload Demand Draft Details submitted in our office on our e-procurement portal)

If Demand Draft Details/UTR No. details or Screen shot of depositing EMD are not submitted on our e-procurement portal such bidder would be summarily rejected.

**Last Date of submission of online tender is 31/ 03/2023 till 2.30 p.m.**

**Opening Date of Technical Bid : 01.04.2023 at 04.00 PM**

**Opening date of Financial Bid: Qualified bidder will be intimated later on.**

### **E-Tender service provider details:**

M/s. Antares Systems Limited

#24, Sudha Complex, 3 rd Stage,

4th Block, Bangalore – 560079, Karnataka.

Help Desk: 9044314492/ 9073677150/ 151 / 152 / 1800-3096630 / 033 4604 6611 / 080-40482100

Contact: Mr. Pravesh, Mobile No.: +91 9044314492, e-Mail: **[praveshmani.t@antaressystems.com](mailto:praveshmani.t@antaressystems.com)**

Sd/-

**Zonal Head**

**Zonal Office, New Delhi**

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WORK: INTERIOR, CIVIL WORKS/FURNISHING,ELECTRIFICATION AND AIRCONDITIONING WORKS OF BRANCH OF UCO Bank, At President Estate,New Delhi.

1. Online Tenders Are Invited In Two Bid System From Reputed Contractors As Per Eligibility Criteria Listed Below For Carrying INTERIOR ,CIVIL WORKS/FURNISHING,ELECTRIFICATION AND AIRCONDITIONING WORKS OF BRANCH OF UCO Bank, At President Estate,New Delhi.

2. The following are the eligibility criteria for the contractors to participate in the tender bid:

a. Average annual financial turnover during the last three Years ending 31st March, 2022 should be at least Rs 10 lacs.

b. The bidder should have experience of having successfully completed similar works of value as indicated below during the last 7 years ending 31.03.2022.

Details of Work	Value of Work
Three Similar Completed Works OR	Rs 12.90 lacs each
Two Similar Completed Works OR	Rs 16.13 lacs each
One Similar Completed Work	Rs 25.81 lacs each

c. Similar work mean carrying out INTERIOR ,CIVIL WORKS/FURNISHING,ELECTRIFICATION AND AIRCONDITIONING WORKS Miscellaneous etc. Work for reputed corporate/ PSU/Govt. work.

d. The tenderer should submit completion certificate from the employer clearly indicating the nature, magnitude, date of starting and date of completion, indicating whether the works are completed within the stipulated time in respect of qualifying works.

e. The tenderer should provide proper documentary proof supporting their claim in respect of all the above criteria.

3 Earnest Money of **Rs.32000/-** & Tender Fee **Rs. 2000/-** payable by way of Demand Draft/ Pay Order/ Net Banking in favor of **UCO Bank, New Delhi.**

EMD Demand Draft/ Pay Order & Tender Fee should reach our office on or before .03/2023 not after 2.30 pm and Tender opening Committee shall open the Technical Bids after that.

EMD & Tender Free (Separately) can be paid through net banking Account Number **01200210000960,UCO BANK, Branch Parliament Retail**(If EMD & Tender Fee is paid through online, kindly upload screen shot or mention UTR's no. on our website)(If EMD is paid through Demand Draft, kindly upload Demand Draft Details submitted in our office on our e-procurement portal)

Last Date of submission of online tender is **31 /03 /2023 till 2.30 p.m.**

**Opening Date of Technical Bid : 01.04.2023 at 04.00 PM**

**Opening date of Financial Bid: Qualified bidder will be intimated later on.**

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4. Time is the essence of contract. The work i.e Civil, Furnishing, Partition, Electrical & Miscellaneous etc. to be carried out OF INTERIOR ,CIVIL WORKS/FURNISHING,ELECTRIFICATION AND AIRCONDITIONING WORKS OF Call Centre OF BRANCH OF UCO Bank, At President Estate,New Delhi,should be completed in 45 days from the date of issue of work order.

5. The Technical Bid & Financial bid duly filled in and signed on all the pages and stamped by the tenderer accompanied by details of the Company Profile, audited balance sheet for last 3 years Proof of submission of Income tax returns, PAN No., VAT No., GST No., proof of Work Experience of similar works during the last 7 years should be submitted online.

6. The Technical Bids (subject to terms & conditions) shall be opened on 01/04/2023 at 03:00 PM.

7. The Price bid of the Tenderer who satisfies the eligibility criteria and qualifies in the Technical bid in all respects only will be opened. The date and time of opening of the price bid will be intimated to the qualified bidders.

8. The Company reserves the right to accept any Tender or accept Tenders in part or to reject any or all Tenders without assigning any reasons thereof and will not be liable to offer any explanation whatsoever.

9. The EMD of the successful tenderer would be retained with UCO BANK, Z.O.,Delhi while the EMDs of the unsuccessful bidders would be returned Within a 15 days time from the placing of work order with the successful bidder.

10. In case if the Tenderer after being declared successful L-1 bidder withdraws from the bid or fails to execute the work within the prescribed time his EMD would be forfeited.

11. The tenderer must carefully read and examine the whole tender document, visit the site at his own expenses, study the technical specifications, drawings etc before Submitting the tender.

12. No consideration shall be given to a tender received after the expiry of time as stipulated above and no extension of time will normally be allowed for submission of the tender. The Notice inviting tenders, the conditions of tender and duly completed form of tender, Specifications etc will Inter-alia form part of the contract agreement to be executed by the Successful tenderer with the Company.

### 13. Eligibility Criteria:-

I] Average financial turnover during the last 3 years, ending 31<sup>st</sup> March of the previous financial year, should be atleast 30% of the estimated cost.

II] Experience of having timely & successfully completed similar works during last 5 years ending last day of month previous to the one in which applications are invited should be either of the following:-

A] Three similar completed works costing not less than the amount equal to 40% of the estimated cost.

Or

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B] Two similar completed works costing not less than the amount equal to 50% of the estimated cost.

Or

C] One similar completed work costing not less than the amount equal to 80% of the estimated cost.

III] Similar work means interior furnishing works of same nature /magnitude carried out for public/private sector banks, or Public sector financial institutions Reputed Corporates involving interior furnishing, electrification, Air-conditioning , office automation.

In addition to above, the criteria regarding satisfactory performance of works, personnel, establishment, plant, equipment etc may be incorporated in the Technical bid.

IV] Only those contractors who have their registered office in Delhi/ NCR are eligible to apply. Documentary proof need to be submitted for office address.

V] Only those company whose main profession is contracting and whose balance sheets , duly certified by Chartered Accountant indicate his job profile –Contracting for interior furnishing as the main business activity of his profession are eligible to apply.

VI] Bank solvency given by the Bank and duly certified by the Chartered Accountant

Sd/-

**Zonal Head**

**UCO bank**

**Zonal Office, New Delhi**

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## MEMORANDUM

Name of work	<b>:INTERIOR ,CIVIL WORKS/FURNISHING,ELECTRIFICATION AND AIRCONDITIONING WORKS OF BRANCH OF UCO Bank, At President Estate,New Delhi.</b>
Earnest Money Deposit	: Rs 32,000/-
Tender Fee	: Rs. 2000/-
Date of Commencement of work	: From the date of issue of Work order
Period of Completion	: 25 days from the date of Commencement.
Value of work to be taken for issue Of Interim certificate for payment	: 70% can be claimed in phases in the form of Three (2) bills of the value of work. 50% payment against 70% work done  40% to be released after completion of work and handed over to the satisfaction and certification of the consultant.  10% SD to be released after the defects liability Period of 12 months, without any interest.
Retention percentage to be Deducted From RA Bills as Security Deposit	: 10% of the gross value of the bill
Defects Liability period	: 1 year from the date of completion
Refund of Security Deposit	: 100% of Security Deposit after expiry of Defects liability period.
Liquidated Damages	: 0.5% of the Contract value per week or part there of subject to a maximum of 10% of contract value/final bill amount
Period of Final measurements	: 15 days.
Period of honoring Interim – Certificate for payment	: 15 days

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## **GENERAL TERMS & CONDITIONS OF TENDER**

1. Tender should be submitted online and the duly filled scanned copy of tender form must be uploaded on the UCO Banks Website. Each and every page of the tender document must be signed by authorized person.
2. The tenders must be submitted in the prescribed format only. The tenderers must quote the rates in the schedule of quantities, rates and amount. The rates should be written both in words and figures without any erasures and alterations. However if errors are made, the wrong figures or words must be neatly scored Out under full signature of the tenderers and the correct figures and words neatly re written. Over writing is not permitted. Applying white fluid for correcting rates and amount is also prohibited.

**\*IMP. NOTE- All documents [in Technical bids and financial bids] including shall be signed and stamped, unsigned, unstamped documents scanned submitted shall lead to rejection of tender documents.**

**\*IMP NOTE-The bidder shall submit, along with the tender documents [to be enclosed in Technical bids]** an undertaking duly attested by notary in a non-judicial stamp paper of value Rs.50/- (Rupees Fifty Only) regarding their non-blacklisting/Left any work abandoned in any of the government department and public sector undertaking/enterprise in India and central vigilance commission during the last five financial years.

**[Current date undertaking to be submitted]**

3. GST Tax as applicable will be exclusive of work order amount & all other Taxes as applicable will not be paid separately. The Tenderer must include these charges in the rates quoted, if applicable. No separate claim on this account will be entertained under any circumstances whatsoever. The tenderer shall quote his rates inclusive of cost of materials, corresponding wastages, labor and any other taxes and duties, octroi, and cost of transportation of materials to work site etc.
4. Errors in the schedule of quantities, rates and amount shall be dealt with in the following manner:
  - a. In the event of a discrepancy between the rates quoted in words and the rates in figures, lowest rate will be taken into consideration.
  - b. In the event of an error occurring in the amount column as a result of wrong calculation the Unit rate shall be regarded as firm and the amount shall be amended accordingly based on the quantity given.
  - c. All errors in totaling in the amount column and in carrying forward, the totals shall be corrected.

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5. The quantities indicated in the schedule of quantities are only probable quantities and are liable to alteration by omission, reduction or addition. Payment shall be made on the basis of actual quantities of work done at the accepted rates.
  6. No alterations which are made by the tenderer in the drawings, specifications or in probable quantities accompanying the tender will be recognized and if any such alterations are made the tender is likely to be rejected and invalidated.
  7. The tenderer must obtain at his own expenses all the information necessary for the purpose of filing this tender and before entering into a contract with UCO Bank, Z.O. Delhi, must examine the drawings, specifications; conditions etc. inspect the site of work and acquaint himself with all local conditions and matters pertaining there to. The site can be inspected on all working days from Monday to Friday between 10:30 to 05:00 PM
  8. The tenderer shall also bear all expenses in connection with the preparation and submission of this tender.
  9. **EARNEST MONEY DEPOSIT (E.M.D)** :The tenderer shall also deposit an amount of **Rs 32,000/-**(Rs. Thirty two thousand only) in the form of a Demand Draft drawn on any scheduled Bank in favor of UCO Bank Payable at New Delhi at the time of submission of the tender as Earnest Money. Is not liable to pay any interest on Earnest Money.

The EMD of unsuccessful tenderers shall be refunded to them without any interest after the decision to award the work is taken. The EMD of the successful tenderer shall be retained as part of security deposit and for the due fulfillment of the contract.

10. **SECURITY DEPOSIT (S.D)**: Security Deposit shall be deducted from running/progressive bill/s of the contractor @ 10% of the gross value of the each bill. Security Deposit shall not bear any interest. The security deposit shall retained by UCO Bank, Z.O. Delhi., till the end of defect liability period.
11. **COMPLETION PERIOD**: The time is the essence of contract. The entire work shall be completed by the contractor within 25 DAYS from the date of issue of the work order.  
  
The work is of urgent nature and the completion time schedule should be strictly adhered to by the contractor.
12. The tenders submitted shall remain valid for acceptance for a period of 45 days from the date of their opening. Should any tenderer after being declared as successful bidder withdraws his tender or makes any modifications to his tender, the tender shall be treated as having been rejected or abandoned and his EMD will be forfeited.



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13. It is not binding on UCO Bank, Z.O. Delhi to accept the lowest tender and reserves the rights to reject any or all the tenders received without assigning any reasons thereof. Further UCO Bank, Z.O. Delhi reserves the right to award any portion of the work or portions of the work to different tenderers or to award the entire work to one tenderer.
  14. The tenderer whose tender is accepted is bound to execute a formal agreement with UCO Bank, Z.O. Delhi in accordance with the draft agreement which will include the notice inviting tender, tender conditions, other papers herein, special conditions, drawings and specifications etc. Irrespective of whether a formal agreement is drawn or not the contractor on being awarded the contract is liable based on acceptance of his tender. The contractor shall bear all expenses in connection with the execution of the said agreement including fees for stamps and registration of documents as required.
  15. The compensation or other sums of money payable by the contractor to UCO Bank, Z.O. Delhi under the terms of contract may be deducted from his EMD/ SD if the amount so permits and the contractor shall unless such deposit has become otherwise payable, within ten days after such deduction make good in cash the amount so deducted. The work shall be carried out under the directions and supervision of and subject to the approval in all respects by the Consultants / UCO Bank, Z.O. Delhi
  16. On acceptance of the tender the contractor shall in writing at once inform UCO Bank, Z.O. Delhi and the Consultants the names of his accredited representatives who will be responsible to take instructions from the Consultants/ UCO Bank, Z.O. Delhi
  17. The work or any part of it shall not be transferred assigned or subject without the consent of the The UCO Bank, Z.O. Delhi.
  18. The contractor shall be required to co-operate and work in accordance with and afford reasonable facilities for such other agencies/specialists as may be employed by The UCO Bank, Z.O. Delhi on other works/ sub works in connection with the work.
  19. The contractor will be required to insure the work and keep it insured until one month after the date of taking over the works by UCO Bank, Z.O. Delhi or otherwise as per the terms of the contract, against loss or damage by fire and other usual risks other than the risks accepted in the terms of the contract with an approved in UCO Bank, Z.O. Delhi
  20. The contractor is required to comply with all acts of Govt. relating to labour rules and regulations made there under from time to time submit at the proper times all particulars and statements required to be furnished to the labour authorities.
  21. For all the items of work executed by him , the contractor will be required to supply, at his own expenses, to the Consultants, copies of post card size photographs in triplicate for each of the works, taken from two approved portions of each item of work at intervals of not more than two weeks during the progress of the work and also at every important stages of the work or as directed by the Consultants/ UCO Bank, Z.O. Delhi.

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22. In carrying out the work, the contractor shall comply with the provisions of the safety code, annexed to these papers.
23. The bidder shall furnish an undertaking duly attested by notary in a non-judicial stamp paper of value Rs.50/- (Rupees Fifty Only) regarding their non-blacklisting/Left any work abandoned in any of the government department and public sector undertaking/enterprise in India and central vigilance commission during the last five financial years. ( **Current date undertaking to be submitted** )

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**FORM OF TENDER FOR WORKS**

**Tender Reference No. – ZOND/GAD/TN-05 /2022-23**

To

**The Zonal Manager**

**UCO BANK , ZO,**

**5-PARLIAMENT STREET,**

**NEW DELHI-110 001**

Dear Sir,

Having duly examined the tender documents including the drawings, specifications, designs, schedule of quantities relating to the works specified in the underwritten memorandum and having visited the site of the said work and having acquired all the requisite information relating thereto as affecting this tender. I/We hereby offer to execute the works specified in the underwritten memorandum within the time specified there in at the rates specified in the schedule of quantities and in accordance, in all respects with the specifications, designs, drawings and instructions in writing referred to in the conditions of the tender, the articles of agreement, special conditions, the schedule of quantities, and conditions of the contract and with such conditions of the contract and with such materials as are specified, by and in all other respects in accordance with such conditions in the schedule of quantities and conditions of contract so far as applicable.

Should this tender be accepted, in whole or in part, I/We hereby agree (I) to abide by and fulfill all the terms and provisions of the said conditions of the contract annexed here to and the conditions of tender so far as applicable or in default thereof to forfeit and pay to UCO Bank, Z.O. Delhi, the sums of money mentioned in the said conditions.

- a) A sum of Rs. **32,000/-** (Rs. Thirty two thousand only) is here by forwarded as Earnest Money Deposit in form of Demand Draft drawn in favor of UCO Bank, payable at New Delhi.
- a) I/We agree (i) that should I/We fail to commence the work specified in the above mentioned memorandum UCO Bank, Z.O. Delhi shall without prejudice to any other right or remedy be the liberty to forfeit the Earnest Money, otherwise shall be retained by UCO Bank, Z.O. Delhi towards security deposit mentioned in the above memorandum. (ii) To execute al the works referred to in the tender document upon the term s and conditions contained or referred to therein and to carry out authorized variations as directed by the Consultants/ UCO Bank, Z.O. Delhi and as per said conditions of the contract.

The names of the Proprietor/ Partners/ Directors of our firm are:

Signature of tenderer with seal

Dated the .....day of .....2023

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## E-TECHNICAL BID

**Tender Reference No. ZOND/GAD/TN- 05 /2022-23**

**PRE-QUALIFICATION – PROFORMA-1**

**PARTICULARS OF THE CONTRACTORS TO BE FURNISHED FOR THE PURPOSE OF PRE-QUALIFICATION**

1	Name of Proprietors/ firm / company	
2	Address, Telephone No., and Email address	
3	Year of establishment	
4	Status of the firm (Company / Firm/ Proprietary)	
5	Name of Directors / Partners/ proprietor(s) (Please enclose relevant document/deed)	
6	Whether registered with the registrar of companies / registrar of firms. If so, mention number and, date.	
7	Enclosed Solvency Certificate from CA with Brief Details. The minimum solvency of the Bidder should be Rs. 50.00Lacs.	
8	Whether registered for sales tax purposes. If so, mention number and date. Also Furnish copies of sales tax certificate duly certified.	
9	Whether the bidder is income tax assessee, If so, please mention permanent account number. Furnish copies of income tax returns for These years duly certified.	2019-20 2020-21 2021-22
10	State Annual turnover of the Bidder following:1) A certificate from a Chartered Accountant certifying the turnover figures mentioned.	

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2) Copies of Audited Balance Sheet, Trading/Revenue A/c and Profit & Loss A/c for these three years duly Certified	2019-20 2020-21 2021-22
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11	Specify the maximum value of single work executed in the last 7 year in the country. (Please Mention Year also) Amount Rs. Year	
12	Status and details of disputed litigations / arbitration, if any. i) ii) iii)	
13	Documentary proof in support of satisfactory completion of similar work as per eligibility criteria	
	Note: Where copies are required to be furnished, these are to be certified copies preferably by the concerned agencies or a Government Officer.	
		Contractor's Seal & Signature of the Contractor

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PRE QUALIFICATION DOCUMENT

DECLARATION

I/We have read and understood the instructions contained in advertisement  
Appeared in... ..Dated... .., in the web site and in the  
Application form.

I/We do hereby declare that the information furnished above as well as in the tender document  
and in the supplementary sheets from pages... ..to.....are correct to the best of my/our  
Knowledge and belief.

Signature

Place:

Name

Date:

Designation

Seal of Applicant

Address

**\*IMP. NOTE- All documents [in Technical bids and financial bids] including shall be signed and stamped, unsigned, unstamped documents scanned submitted shall lead to rejection of tender documents.**

**\*IMP NOTE-The bidder shall submit, along with the tender documents [to be enclosed in Technical bids]** an undertaking duly attested by notary in a non-judicial stamp paper of value Rs.50/- (Rupees Fifty Only) regarding their non-blacklisting/Left any work abandoned in any of the government department and public sector undertaking/enterprise in India and central vigilance commission during the last five financial years.

[ Current date undertaking to be submitted]

PRE QUALIFICATION DOCUMENT  
PRE- OUALIFICATION – PROFORMA-II  
PARTICULARS IN RESPECT OF 3 MAJOR SIMILAR WORKS EXECUTED IN LAST 7  
YEARS

S. No.	Name of work/project with address	Short description of the work	Value of work executed	Stipulated time of completion	Actual time of completion	Name of architect	consulting engineer

Note: Should be supported by related documents.

Place:

Date:

Signature of Contractor with seal

**PRE QUALIFICATION DOCUMENT**

To

**The Zonal Manager**

**UCO BANK , ZO,**

**5-PARLIAMENT STREET,**

**NEW DELHI-110 001**

Dear Sir,

I/We, the undersigned having carefully gone through and clearly understood the Specifications, with conditions of contract for the above mentioned work, do hereby tender to execute and complete the whole of the works strictly in accordance with the said specifications, etc. at the rates set out in the priced bill of quantities.

I/We am/are sending you herewith an amount of Rs... ..  
(Rupees

... ..Only) as Earnest Money by Demand Draft/ Pay Order which amount is not to bear any interest and I/We do hereby agree that the same may be forfeited by you in the event of your accepting my/our tender and I/We fail to execute the contract when called upon to do so.

It is understood that the lowest or any tender will not necessarily be accepted and UCO Bank, Z.O. Delhi region reserves the right to accept or reject any or all the tenders and that UCO Bank, Z.O. Delhi region is not bound to assign any reason for the same.

I/We agree to keep our offer open for a period of 30 days from the date of opening of tenders.

Thanking you,

Yours faithfully,

Date:

Place

(Contractor's signature with seal)



# GENERAL CONDITIONS OF CONTRACT

## 4.1 DEFINITIONS

In this contract, the following words and expression shall have the meaning thereby assigned to them unless the contract ascribed a different meaning

a) **Employer** means UCO Bank, Z.O.,DELHI and includes their authorized representatives to deal with any matter on their behalf.

a) **Employer- in - charge** means the person appointed by the Employer and notified to the Contractor to be in charge of the project

b) **Clerk of Works** means any Engineer appointed by the Employer to perform the duties of Resident Engineer, limited to Supervision of Work and notified to the Contractor to be in charge of the project

c) **Architects** mean the Architects Employed by UCO Bank, Z.O. Delhi. to give consultancy.

a) **Contractor** means the individual, firm or Company with whom the contract is entered into and includes the heirs, executors, or successors.

a) The expression **Contract** means the document forming the Tender and acceptance thereof and included all the sections of the tender including BOQ and set of drawings.

b) **Tender** means the offer made by an individual or firm or company for execution of the works.

c) **Acceptance of Tender** means the letter from the Employer communicating to the tenderer the acceptance of this tender and includes the advance acceptance of his tender.

d) **Drawings** means the drawings referred to in the tender documents including any modifications of such drawings approved in writing by the Architect or his representative and such other drawings as are made from time to time and furnished by the contractor and approved by the Architect.

e) **Site** means the actual place as described in the tender at which the execution of works is to be done with the surrounding areas.

f) **A Week** shall mean 7 days without regard to the number of Hrs worked in a day in that week.

g) **Specifications** mean standard specifications for works and materials brought out in the tender, and added to or superseded by special specifications. In absence of any specifications for any item of work the relevant specifications in CPWD or DBA works Manual shall be followed and work be executed accordingly.

#### **4.2.1 EXTENT OF CONTRACT**

The contractor shall supply at his own cost all the materials like ladders, scaffoldings, temporary works that may be required for the proper execution of the works, whether original, altered or substituted works. The contractor shall also supply survey instruments and other materials necessary for purpose of setting out of works and assisting to the measurements or examination at any time.

The contractor shall also provide a sufficient portion of fencing and lights required to protect the public from accidents and shall be bound to bear any expenses of defense brought by any person for injury sustained owing to neglect of the above precautions, and to pay any damages and costs which may be awarded in any such suit, action or proceedings to any such person. In no case the Employer shall be a party to any such claim and the Contractor shall indemnify the Employer against any claim for any person on this account.

#### **4.2.2 Sufficiency of Tender**

The Contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and his prices for the work which shall cover all his obligations under the Contract and all matters and things necessary for the proper completion and maintenance of the work.

#### **4.2.3 Sub- Letting of Contract**

The contractor shall not assign the contract or any part thereof to any other party without the prior written consent of the Employer.

#### **4.2.4 Power to Make alterations**

Architect shall have the powers to make any alterations or additions to the stipulated specifications, drawings, designs and instructions that he may feel necessary or advisable during the progress of the work. The contractor shall have no claim for compensation on account of such alterations or additions. The contractor shall be bound to carry out the work in accordance with any instructions which may be given to him in writing signed by the Architect and such alterations shall not invalidate the Contract, and any additional work which the Contractor may be directed to do in the manner above specified as part of the work shall be carried out by the contractor. The time for completion and Costs of such additional works shall be extended in proportion to the original contract. The certificate of the Architect shall be conclusive as to such proportions.

#### **4.2.5 Works subject to approval of Architect**

All works to be executed under the contract shall be subject to approval of the Architect who shall be entitled to direct at what points and in what manner they are to be commenced.

#### **4.2.6 Urgent repairs and Urgent Works**

If by any reason, during the execution of the work or during the defects liability period, any works or repair become urgently necessary and the Contractor is unable / unwilling to do such work immediately, then the Employer may get the same done on their own and deduct the cost thus incurred from the funds due to the contractor.

#### **4.2.7 Clearance of Site**

The Contractor shall have to remove all Melba from site of work, dirt and dust, etc. before handing over the works to the Employer, The works shall not be treated as complete in all respects unless these requirements are fulfilled.

In the event the Contractor failing to do so the architect and the employer shall have the right to get the site cleared at the contractors risk and cost.

#### **4.2.8 Protection of Trees and Shrubs**

Trees and Shrubs designated by the Architect shall be protected from damage during course of the work and the earth level shall not be changed within three feet of such trees.

### **4.3 ARCHITECTS STATUS AND DECISIONS**

a) The Architect shall have General supervision & direction of Works. He has authority on behalf of the Employer to stop the work whenever such stoppage may be necessary to ensure proper execution of the works. The Architect shall be the interpreter of the conditions of Contract and the judge of its performance.

a) The Architect within reasonable time make decisions of all claims of the contractor and all other matters related to the execution and progress of work.

The decision of the Architect with respect to all or any of the following matters shall be final

i) Variation/ Modification of the Design

- i) Quality and Quantities of Works Executed
  - ii) Discrepancies in the drawings and Specifications
  - iii) Opening up for inspection of any work covered up.
  - iv) Amending of any defects occurring under Defects Liability Period
- c) The Contractor shall on the report of the Architect immediately dismiss from the works within 24 hrs any person employed thereof by him who may in the opinion of the Architect/ Employer be incompetent/ misconducts himself.

#### **4.4 DIRECTIONS REGARDING DRAWINGS & DESIGN**

- a) After signing the Contract, the Contractor will be given three sets of drawings free of charge. Additional copies if required would be made at his own costs. One set of the drawings shall be kept at the site by the contractor and available to Architect/ his representative at all times.
- a) Further drawings and Instructions including revisions, as the Architect may furnish to the contractor shall form part of this contract.
- b) Only figured dimensions and detailed drawings shall be followed. The contractor shall verify all dimensions in the field before any work is commenced and obtain instructions of the Architect in case of any discrepancy.

##### **4.4.2 Action where no specifications**

In case of any work for which there are no specifications in the contract, such works shall be carried out in accordance with the directions of the Architect.

#### **4-5 DIRECTIONS FOR EXECUTION OFWORKS**

##### **4.5.1 Setting Out**

The Contractor shall be responsible for the true and proper setting out of works. If at any time during the progress of the work any error shall appear in any part of the work, the Contractor shall rectify the errors. The checking of any setting out by the Employer/ Architect shall not in any way relieve the contractor of his responsibility for the correctness thereof

##### **4.5.2 Engagement of labour**

The Contract or shall employ labor in sufficient numbers to maintain the required rate of progress and Quality of work. No child labour will be employed by the Contractor.

The contractor shall comply with all the provisions of Minimum wages Acts, Industrial Disputes Acts, ESI Acts.

The Contractor shall indemnify the Employer against any payment to be made under and for observance of the Regulations aforesaid without prejudice to his right to claim indemnity from his sub- contractors.

The contractor shall provide at his own cost for the protection of the works and for the Safety of those employed on works or the Public.

#### **4.5.3 Water and Power Requirements**

All arrangements for water and Power required shall be made by the Contractor at his own costs and nothing extra on this account shall be paid to him. Similarly filtered water required for drinking purposes for the laborers shall also be arranged by the Contractor at his own cost.

The contractor shall make necessary arrangements for procuring petrol/ diesel for machinery or for Power generation to ensure uniform progress of work in the event of Power failure.

No extension of time of completion of the contract shall be allowed on account of Power failure.

#### **4.5.4 Disruption of Progress**

The Contractor shall give written notice to the Architect whenever progress of work likely to be delayed. The notice shall include details of the drawings or order required and of why and when it is required and of any delay likely to be suffered if it is late.

If for any reason, within reasonable time, the Architect is unable to give directions, and the work suffers, then the Architect shall take such delay into account In determining any extension of time to which the Contractor is entitled.

#### **4.5.5 Rectification of Defects**

If it appears to the Architect that any work has been executed with Imperfect workmanship or inferior material, then the Contractor shall rectify/ reconstruct the part so specified.

#### **4.5.6 Samples**

Samples of all materials to be used in works, shall be submitted for approval to the Architects, within four days of commencement of Contract,

The costs for preparing samples will be borne by the contractor.

#### **4.5.7 Inspection of Works**

All works in execution stage or executed shall be open to inspection and supervision of the Architect/ his representatives. During the Visit of the Architect, the Contractor or his representative should be available on site.

#### **4.5.8 Preparation of Program Schedule**

The contractor, in consultation with the Architect shall prepare a program schedule of the various activities, before commencing of the works.

#### **4.5.9 Extension of Time for Completion**

If the contractor shall desire an extension of the time for completion of the work, on his having been unavoidably hindered in its execution or on any other ground, he shall apply in writing to the Architect within 3 days of occurrence of such hindrance and the extension he so desires.

The Architect, in consultation with the Employer shall, if, in his opinion will authorize such extension of time as may be proper.

#### **4.5.10 Liquidated Damages For Delay**

The time and Date stipulated in the contract for the completion of the work shall be deemed to be the essence of the contract. If the contractor fails to carry out the works within the stipulated time or the extended time if given, then he shall pay to UCO Bank, Z.O. Delhi. a sum of 0.5% of the total Contract Price per week as Liquidated damages, for the period the works remain unfinished. The total amount of such a penalty shall not exceed 10% of the total Contract Price.

#### **4.5.11 Defects Liability Period**

The Contractor shall be responsible to make good and remedy at his own expense within such period as may be stipulated by the Employer any defects which may-develop or may

be noticed before the end of (2-months from the Certified Completion date and intimation of which has been send to the contractor within 7 days of the expiry of the said period.

If the Contractor, while rectifying the above defects, damages any other area of the site, will make good the related defects also at his own expense. Incase he does not do so then the same would be got done by the Employer and expenses would be deducted from the amount due to the contractor.

#### **4.6 MEASUREMENTS AND PAYMENTS**

4.6.1 A bill supported with measurement details shall be submitted by the contractor fortnightly to the Architect for all works executed and the Architect or his representative shall verify the requisite measurements. All bills shall be submitted in triplicates.

All such intermediate payments to the contractor shall be regarded as payments byway of advance against the final payment and not as payments for works actually done and completed and shall not preclude the requiring of bad and imperfect work to be rectified or considered as an admission of due performance of the contract.

Income tax deductions will be made as per the prevailing rates from the contractor's on account bills.

##### **4.6.2 Final Bill**

Final bill supported with consolidated measurements of the full work executed shall be submitted by the contractor, the same will be verified by the Architect within Three weeks of Completion of Works.

After Verification, the Architect will give seven days notice to the Contractor to Countersign the bill as a token of acceptance or intimate in writing his intention to dispute. If the Contractor fails to take appropriate action within the prescribed period as above, then the bill finalized by the Architect shall be final and binding on the Contractor.

##### **4.6.3 Claim for Interest**

No Claim for interest will be entertained by the Employer, with respect to any money balances as lying with the Employer.

##### **4.6.3 Rates For Extra, Additional, Altered or Substituted works.**

The rates for additional, altered or substituted work shall be worked out in accordance with the following provisions, in their respective order.

i) If rates for similar works are directly available in the Contract for the work, the contractor is bound to carry out at the same rates as available in the contract.

i) If rates are not directly available in the contract, then they will be derived from the rates for a similar class of works as are specified in the contract,

ii) If the rates cannot be determined, then the Contractor shall submit a detailed cost analysis as per market rates for same. The Architect will settle such claims.

#### **4.7 GUARANTEES**

##### **4.7.1 Quality of Work**

The Contractor shall guarantee that the materials and workmanship are the best of their respective kinds for the service intended and that all items of work will be free from all inherent defects in workmanship and materials. He shall also guarantee that the works will not fail in any respect due to quality of materials, workmanship and method of construction.

The Specifications assume a proper degree of Skill on the part of the Contractor and Workmen Employed. The Contractor shall consult the Architect, whenever in his judgment variation in the methods of Construction or in the quality of material would be beneficial or necessary to fulfill the guarantee called for. Such variations may be made by the Contractor, only when authorized by the Architect.

##### **4.7.2 Cost of Execution of work or repair, etc.**

All works of repair shall be carried out by the contractor at his own expense if the necessity thereof shall in the opinion of the Architect be due to the use of materials or workmanship not in accordance with the contract or on account of neglect or failure on the part of the contractor to comply with any obligation expressed or implied on the contractor's part under the contract.

##### **4.7.3 Remedy on Contractor's failure to carry out the works required.**

If the contractor shall fail to do any such work as the aforesaid required by the Architect. The Employer shall be entitled to carry out such works at the contractor's own cost and recover the same from any money that may become due to the contractor.

##### **4.7.4 Contract Valid during Guarantee Period**

This contract shall remain valid and in force until the expiry of Guarantee Period.



#### 4.8 **RESCINDING/ TERMINATE CONTRACT**

4.8.1 In any case under any clause of this contract, the contractor has rendered himself liable to pay compensation amounting to whole of his retention deposit in hands of Employer, the Architect in consultation with the Employer, on his behalf shall have power to adopt any of the following courses –

- a. To rescind the contract (of which rescission notice in writing to the contractor shall be conclusive evidence)
- b. To employ a contractor paid by the Employer and to supply materials to carry out the work or any part of the work, debiting the contractor with the cost of the labor and the price of the materials.
- c. To measure up the work of the contractor and to take such part of the work of the contractor as shall be unexecuted out of his hands and to give it to another contractor to complete. In this case any expense which may incur in excess of the sum which would have been paid to the original contractor, if the whole work had been executed by him, shall be borne and paid by the original contractor and may be deducted from any money due to him by the Employer.

In the event of any of the above courses being adopted by the Architect, the Contractor will have no claim to compensation to any loss sustained by him.

#### **4.8.2 Termination of the Contract**

If at any time after the commencement of the work the Employer for any reason whatsoever not require the whole or part thereof as specified in the tender to be carried out, Architect shall give notice in writing of the fact to the Contractor who shall have no claim to any payment or compensation whatsoever on account of any profit or advantage which would have derived from the execution of the work.

#### **4.8.3 Jurisdiction**

The contract and its operation shall be governed by the laws of India, for the time being in force. The contract shall be deemed to have been entered into at New Delhi.

#### **4.8.4 Bye Laws and Local Authorities**

The contractor shall conform to the provisions of any Govt. Acts and regulations of Local Authorities. Contractor would pay all charges and fees for towards Stacking, etc. The Contractor shall keep the Employer indemnified against all penalties and liabilities incurred in connection with the said contract.

The contract will be governed by the Indian Contract Act, Indian Sales Act and all other relevant laws.

#### **4.8.5 Arbitration**

All disputes related to the said contract shall be referred to the arbitration of the person appointed by the Employer. All rules will be subject to Arbitration Act 1940, or any statutory modification or re-enactment thereof.

It is a term of the contract that if the Contractor does not make any demand for arbitration in writing within 30 days of receiving the intimation from the Employer that bill has been certified for Payment, the claim of the contractor will be deemed to have been waived absolutely barred and the Employer shall be discharged and released of all liabilities under the contract.

## FORM OF AGREEMENT

Made at ..... day of ..... between UCO Bank, Z.O. Delhi Regional Office - I, New Delhi hereinafter referred to as the Employer which expression shall include their heirs, executors, administrators and assigns) of the one part and.....(Hereinafter referred to as Executors which expression shall include their heirs, executors, administrators and assigns) of the other part.

Employer is desirous of Furnishing Works at.....

And has caused drawings and specifications describing the work to be done to be prepared by Ar. . **M/S Chachad and Associates, Architects,Civil Engineers, Int.Designers, A1/297F.F.,Safdarjung Enclave, New Delhi-29 Mob No. - 8700931486** as their Architects.( hereinafter referred to as the Architects)

The said drawings and Specifications and the Price Schedule of Quantities have been signed by both the parties and the contractor has agreed to execute upon.

### NOW IT IS HEREBY AGREED AS FOLLOWS

1) In consideration of the said contract, payments to be made to the contractor & herein after provided he shall upon and subject to the said conditions execute and complete the works shown upon the said drawings and such further detailed drawings as may be furnished to him by the said Architects and described in the specifications and the said Priced Schedule of Quantities.

1) The Employer shall pay the Contractor such sums as shall become payable hereunder at the times and in the manner specified in the said conditions.

2) The said Contract comprises the building above mentioned and all subsidiary works connected there within the same site as may be ordered to be done from time to time by the said Architects even, though such works may not be shown on the Drawings or described in the said Specifications or the Priced Schedule of Quantities.

3) The Employer through the Architect reserves to himself the right of altering the drawings and nature of the work and adding to or omitting any items of work or of having portions of the same carried out otherwise and such alterations shall be carried out without prejudice to this contract.

4) The Employer in consultation with the Architect reserves the right to exercise control on quality of work, check the measurements, approval of rates of extra or substituted items. The decision of the Architect shall be final and binding in this regard.

5) The following documents shall be deemed to form and construed as part of this agreement along with the amendments, negotiated and confirmed in various subsequent letters exchanged as mentioned hereinafter and parties hereto will respectively abide by

and submit themselves to the Conditions and Stipulations and perform the agreement on their parts respectively in such conditions contained

- a) Notice inviting Tender
  - b) Instructions to Tenderers
  - c) General Conditions of Contract
  - d) Special Conditions of Contract
  - e) Technical Specifications
  - f) Schedule of Quantities
  - g) Employers letter dated..... To the Contractor awarding the Contractor awarding the Contract
  - h) Contractors letter dated ..... to the Employer in acceptance of the award of Contract
- 6) All dispute arising out of or in anyway connected with the agreement shall be deemed to have arisen at Delhi, the Court in Delhi shall have jurisdiction to determine the same.
- 7) The several parts of this contract have been read to us and fully understood by us.

Witness our hand this ..... day of .....2023

SIGNED BY THE SAID EMPLOYER

Witness

- 1)
- 2)

SIGNED BY THE SAID CONTRACTOR

Witness

- 1)
- 2)

## **SPECIAL CONDITIONS OF CONTRACT**

### **6.1 Insurance for Works**

The contractor before commencing on execution, without limiting his obligation shall insure the works against all acts of God, at his own costs and keep them insured till the completion of the project, in the joint names of the Employer and the contractor, for the full amount of the Contract.

The Contractor shall deposit the policy and receipt for the premiums with the Employer within 7 days from the date of signing of the contract. Incase the Contractor fails to do so, then the Employer can make the required Policy and deduct the amount from the Contractors amount due.

### **6.2 Insurance in respect to damage to persons and property**

The contractor shall be responsible for all injury to persons,, animals or things and for all structural and decorative damage to property which may arise from the operation or neglect of himself or any other person employed by him.

The clause shall be held to include any damage to buildings whether immediately adjacent or otherwise. The Contractor shall indemnify the Employer and hold him harmless in respect of all and any expenses arising from any such injury or damage to persons or property.

The Contractor shall reinstate all damages of every sort mentioned, due to his contract work to the property of third parties.

The Employer shall be at liberty and is empowered to deduct the amount of any damage or compensation levied oh him due to the negligence of the Contractor.

Such insurance will not limit or bar the liability and obligation of the contractor to deliver the works to the Employer complete in all respects as per the contract. Incase of loss or damage, the money payable under any insurance shall be received and retained by the Employer until the works are finally complete and such money shall then be credited to the Contractor in final settlement of accounts.

**LIST OF APPROVED AND NOMINATED MANUFACTURERS / SUPPLIERS  
OF MATERIALS**

UCO Bank, Z.O. Delhi **INTERIOR FURNISHING ITEMS**

<b>Sl.No.</b>	<b>MATERIALS</b>	<b>APPROVED BRANDS</b>
1.	False Ceiling & Cornices	: India Gypsum
2.	Wood Framework: All wood must be well seasoned, Free from knots, other defects.	: Malaysian sal / Maranti (seasoned) with 2 coat of wood preservative
3.	Wood skirting /mouldings, Liping /beading and door frame	: Steam beech/ Mahogany/Teak wood/Sal wood.
4.	Commercial ply	: Archid / Century/ Greenply MR GRADE
5.	Laminate	: Formica/ Century / Merino
6.	Veneer	: Mayur/ Durian/Century
7.	Flush Door	: Mayur / Century / Greenply
8.	Wood Preservative	: STP- Pentaphene pale / Termination Tor (Pidilite)
9.	Adhesive	: Fevicol SH (Pidilite) / Araldite/SR-998/Century – SH.
10.	Door Closer	: Godrej /Ozone//Opel
11.	Floor Spring	: DORMA/OZONE
12.	Door Lock	: Godrej Cylindrical pin level / CIEF
13.	Drawer Lock	: Godrej Multipurpose
14.	Hardware	: GKW
15.	Hinges	: CIEF/Ebco

Sl. No	MATERIALS	APPROVED BRANDS
16.	Screws	: GKW/ Nettle fold
17.	Carpet	: Transasia / Uniproducts
18.	Vertical blinds	: Vista Levolor/Mac Decor
19.	Sun Control Film	: Garware
20.	Soft Board / Display Board	: Jolly board
21.	Paints (Enamel & Emulsion)	: Asian / Berger/ICI
22.	Texture paint	: Spectrum
23.	Ceramic Tiles	: Nitco/ Kajaria,
24.	Vitrified tiles	: Kajaria/NITCO/Johnson
25.	Glass	: Modi Guard/ Saint gobain
26.	Handle	: Stainless steel finish Neki / Hassely
27.	PVC Floorings	: Armstrong/Krishna Vinyle
28.	Waterproofing Compund	:Dr Fixit/ Asian Paints
29.	PVC Mouldings-	: EURO PRATEEK

#### NOTES:

1. In case of unavailability of any material of specific make an equivalent make can be used only after a written approval of the Architect. The preference of make/brand of the material listed above will be decided by the Architect. The make/brand of any other item will be as mentioned in the drawings issued by the Architect.
2. The contractor shall provide samples of all materials mentioned in the list of makes as required by the Architect. A written approval of these samples shall be sought prior to commencement of any work. Architect reserve the right to enquire the genuineness of any material used at site directly from the manufacturer/Dealer.

**LIST OF APPROVED AND NOMINATED MANUFACTURERS / SUPPLIERS  
OF MATERIALS**

**ELECTRICAL, LAN WORKSMAKE OF MATERIALS**

**UCO Bank, Z.O. Delhi**

1	PVC fittings	Kalinga /SUPER/ AKG / Precision
2	Wires – PVC insulated copper	Finolex / Havells/Anchor/Skytone
3	Cables (armored)	Gloster / Nicco / Havells / Evershine KDK
4	A.C Starter, Plug Socket	Legrand / Crabtree / Northwest
5	Light & Power switch socket	Crabtree-Sapphire series /MK Modular Type
6	Telephone Socket	RJ-11 Crabtree/Anchor/Roma
7	DB MCB	Legrand/ Havell's/Standard
8	MCB	Legrand / Havell's / Standard
9	Telephone cable	D-Link/.51 Netco / National
10	Light fitting	PHILIPS, Wipro,Havells Approved by Architect.
11	Fuse Switch	L&T / Havell's
12	Telephone Connector	Corn
13	Ceiling/ Wall fan	Crompton / Orient / Khaitan
14	Exhaust fan	Crompton / Orient / Khaitan
15	P.V.C tape	Steel Grip
16	Call bell	Max
17	Cable Lug	Dowell's
18	Cable gland	Brass heavy type good quality
19	Distribution board	MDS / Havell's



20	MS conduit	Heavy duty with ISI mark 16 SWG
21	Starter & single phasing preventer	SEIMENS
22	SPN, TPN, Sheet metal	Havell's / MDS
23	Pipe Metal	M.S Conduit 16 S.W.G
24	Metal Pipe Fittings	Cast iron with thread & inspection cover
25	Pipe PVC (Rigid Conduit)	Kalinga /Super/AKG / Precision
26	PVC fitting for Rigid	-Do-
27	PVC Roll Pipe	Super Dalda or equivalent heavy guage
28	PVC Casing Casing Fittings	Good quality heavy guage (colour white)
29	Lugs	Dowells
30	Terminals	Essen/Elmex
31	Burgularalarm	Godrej/Globe Detective
32	E-Cat 6 Patch Pannel	D-link/Avaya

**NOTES:**

1. In case of unavailability of any material of specific make an equivalent make can be used only after a written approval of Architect. The preference of make/brand of the material listed above will be decided by the Architect. The make/brand of any other item will be as mentioned in the drawings issued by the Architect.
2. The contractor shall provide samples of all materials mentioned in the list of makes as required by the Architect. A written approval of these samples shall be sought prior to commencement of any work. Architect reserve the right to enquire the genuineness of any material used at site directly from the manufacturer/Dealer.

**FINANCIAL BID**

**Tender Reference No. –**

**e-Tender Document**

**For**

**INTERIOR ,CIVIL WORKS/FURNISHING,ELECTRIFICATION AND  
AIRCONDITIONING WORKS OF BRANCH OF UCO Bank, At President  
Estate,New Delhi.**

**Last Date of Submission : - 31.03.2023 till 2.30 pm.**

**ISSUED TO:-.....**

**Price Bid**

		<b>Summary for UCO Bank- PRESIDENTIAL EST. BRANCH</b>	
	<b>S.NO</b>	<b>ITEMS</b>	<b>AMOUNT</b>
	1	CIVIL WORKS	
	2	WATERPROOFING WORKS	
	3	PLUMBING Work	
	4	MISCELLANEOUS WORK	
	5	PAINTING AND PUNNING	
	6	FURNITURE WORKS	
	7	STEEL WORK	
	8	FALSE CEILING WORK	
	9	PARTITION WORKS	
		<b>TOTAL=</b>	

BOQ for civil work					
S. No.	Description	Unit	Qty	INR	
				Rate	Amount
<b>1</b>	<b>Civil Work</b>				
<b>1.1</b>	<b>Demolition of Toilet wall tiles,Fittings- seat,wash basin</b>	<b>L.S.</b>	<b>1</b>		
	Removal, disposal of,toilet wall tiles,flooringsanitary fittings, removal of malba from site.				
<b>1.2</b>	<b>Removing,disp of tiles, sanitary fittings, toilet floor, filling matter</b>	<b>L.S.</b>	<b>1</b>		
	Dismantling of exiting, Flooring tile, wall tile, Sanitary & Plumbing fixtures, plumbing & Drainage pipes, platform and as required at site and as per instruction of Architects including stacking the usable material within premises as directed and carting away the debris to dumping ground complete as per instructions at site (Labour & Transportation will be arranged by the Contractor)				
<b>1.3</b>	<b>Disposal of malba/ scrap from site</b>	<b>L.S.</b>	<b>1</b>		
	Disposal of malba by trucks/tempo as per availability. Shall be calculated once , irrespective of no of trips by carrier vehicle. The rate shall include all trips for malba disposal. All toilets malba, slab puncture malba etc for stairs generated to be included.				
<b>1.4</b>	<b>Plastering wall / Ceiling Plastering</b>	<b>Sft.</b>	<b>100</b>		
	Repairs to plaster to thickness 12 mm to 20 mm in patches of area 2.5 s. meters and under, including cutting the patch in proper shape, raking out joints and preparing and lastering the surface of the walls complete, including disposal of rubbish to the dumping ground within 50 meters lead :				
	<b>With cement mortar 1:4 (1 cement : 4 coarse sand)</b>				
	<b>Waterproof Plaster</b>				
<b>1.5</b>	P/A 12-15 mm thick waterproof cement plaster on existing brick walls with cement mortar 1:4 (1 cement : 2 coarse sand : 2 fine sand) mixed with 2% integral water proofing compound confirming IS : 2640 (CICO or equivalent) in plumb with proper line and level.	<b>Sft.</b>	<b>200</b>		
	<b>A/c Sheet removal and refixing, on raising brickwall</b>				
<b>1.6</b>	Removal and refixing of A/C sheet with supporting members, clamps etc. The supporting brick wall be raised till 2'[ brickwall construction in other item] and refixing of A/c sheet withsupporting bars , clamps etc.[ size app 16'x16']	<b>no</b>	<b>1</b>		

1.7	<b>Wall tiles</b> -Providing & fixing of 24” x 18” Ceramic Tiles of Kajaria walls designer series tiles or approved equivalent make on to the walls including base cement plaster of 1:4 ration (1 cement : 4 fine sand) in proper line and plumb, fixing of tiles with neat cement slurry, filling the tiles joints with matching colour tile grouting material as per details drawings / Arthitects instructions at site complete. Ladies and Gents Toilet Wall upto 7’-00” height.	<b>Sft.</b>	<b>285</b>		
1.8	<b>Ceramic Tile</b> : Providing & fixing 24”x24” <b>Ceramic Tiles-Rough surface, toilet tiles, group-v</b> on Floor or approved equivalent make with cement mortar 1:4 bedding mortar, in proper line, level & slope including hacking the floors wherever required, with matching colour cement pigment in joints etc. complete as per detail drawings / Architects instructions at site complete. (For ladies and gents toilets)	<b>Sft.</b>	<b>147</b>		
1.9	<b>Floor tile : vitrified tile</b> Providing & fixing <b>600x600 Kajaria/ Nitco/Marbonite Tiles , PGBT double charged</b> on Floor or approved equivalent make with cement mortar 1:4, bedding mortar, in proper line, level & slope including hacking the floors wherever required, with matching colour cement pigment in joints etc. complete as per detail drawings/ Architects instructions at site complete, In Hall.	<b>Sft.</b>	<b>720</b>		
1.10	Providing and laying 18-20 thick of approved colour of pre-polished <b>granite stone</b> on RCC counters fixed with cement mortar of approved quality, joint finished with pigment to match the shade of granite including rubbing, mirror polishing, half/full round or approved design moulding on all exposed edges. (Base rate of Granite – Rs. 220/- per sq. ft.)	<b>Sqft.</b>	<b>40</b>		
1.11	Providing and fixing <b>1 nos water tank 500 ltr. Sintex,White colour</b> make including gate Valve,ball cock,all accessories and fixing on the roof top with plate form.	<b>no</b>	<b>1</b>		
1.12	<b>Agra Stone Slab tukdi construction-</b> , . Stone slab with 2’x2’ agra stone laid in grid fashion with supported on heavy T Sections. To be laid tarpaulin then 2” PCC 1:1.5:3 ratio, with URP103, Dr fixit waterproofing chemical. The mumty shall hall have chajja protruding out 2’ at door opening side. The iron T sections , metal	<b>sqft</b>	<b>144</b>		

	door shall be applied red oxide metal primer,2-3 coats and finished with white enamel paint 2-3 coats. . The iron T sections , metal door shall be applied red oxide metal primer,2-3 coats and finished with white enamel paint 2-3 coats. Providing and fixing gattu girder 4" width to act as support for agra stone tukdi slab which would be kept as base for Two sintex tanks of appr 750 litre The girder(including priming quote and enamel painting) shall be embedded in 9"brick wall/ colmns				
1.13	<b>4.5" thick brick wall</b> -Providing and laying 4.5" thick brick masonry including plaster 12 to 15 mm both side, in walls with bricks of class designation 75 in cement mortar 1:4 (1 cement : 4 coarse sand) at all levels in proper plumb, line and level, including scaffolding, curing, racking of joints etc. including providing 2 nos 6 mm dia bars after every fourth course complete as per instructions at site. FOR TOILETS, UPS ROOM.	Sft	460		
1.14	<b>9" thick brick wall</b> -Providing and laying 4.5" thick brick masonry including plaster 12 to 15 mm both side, in walls with bricks of class designation 75 in cement mortar 1:4 (1 cement : 4 coarse sand) at all levels in proper plumb, line and level, including scaffolding, curing, racking of joints etc. including providing 2 nos 6 mm dia bars after every fourth course complete as per instructions at site. FOR Safe ROOM, and Roof Extension	Sft	320		
1.15	<b>Polymer based Dampproof coats</b> -Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having, DAMPROOF of Asian paints, on walls, beams,columns ceiling, walls etc. wherever seepage is seen. Offering 8 yrs warranty. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer-in-Charge. All rainwater pipes shall be cleaned open and debris etc removed from site.	sqft	200		
1.16	<b>RCC Work-for lunch counter ,Pantry counter</b>				
	Providing and laying in position ready mixed M-25 grade concrete for reinforced cement concrete work, using fly ash and cement content as per approved design mix 1:1.5:3, including the cost of shuttering, finish and reinforcement, including cost of admixtures in recommended proportions as per IS : 9103 to accelerate / retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer-in-charge.	cft	6		

<b>1.17</b>	<b>PCC Work-for Toilet floor</b>				
	Providing and laying in position ready mixed M-25 grade concrete ,2”for reinforced cement concrete work, using fly ash and cement content as per approved design mix, and manufactured in fully automatic batching plant and transported to site of work ini transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work, including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering, shuttering, finish and reinforcement, including cost of admixtures in recommended proportions as per IS : 9103 to accelerate / retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer-in-charge.	<b>sqft</b>	<b>198</b>		
<b>2</b>	<b>WATERPROOFING</b>				
<b>s.no</b>	<b>Description</b>	<b>unit</b>	<b>qty.</b>	<b>rate</b>	<b>Amount</b>
<b>2.1</b>	<b>Waterproofing for toilet sunk</b> -Providing and applying Four coats for polymer based waterproofing consisting of first and 2 <sup>nd</sup> coat of Tapecrete/Armourcrete, 3 <sup>rd</sup> coat of fiber mesh laid over 2 <sup>nd</sup> coat with 100 mm overlapping and 4 <sup>th</sup> coat tapecrete mixed with silica sand and per manufacturer’s specifications all complete as per instructions at site.	<b>CM.</b>	<b>2</b>		
<b>2.2</b>	<b>Terrece Waterproofing</b> -Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats @10.76 litre/ 10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer-in-Charge. All rainwater pipes shall be cleaned open and debris etc removed from site. Product-ASIAN PAINTS-SMART CARE, DAMP PROOF, providing 8 yrs warranty.	<b>SQM</b>	<b>7</b>		
<b>2.3</b>	<b>Toilet sunk filling.Filling with fly ash bricks</b> in toilet sunkProvidingandlayingautoclavedaeratedcementblocksmasonrywith 150mm/230mm/300 mm thick AAC blocks in super structure above plinthleveluptofloorVlevelwithRCCbandatsilllevelandintellevel with approved block laying polymer modified adhesive. Item to include 4 coats of polymer for toilet sunk.	<b>cm</b>	<b>1</b>		
<b>2.4</b>	<b>Scaffolding (Inner side) [ for agra stone roofing ]+panelling on walls, false ceiling at ht of 13’-14’ app.</b>				

	Providing and fixing supporting the structure members and its adjoining area with steel props (adjustable or required) bracing, steel/timber runners etc to relieve the structural member of the required load coming over it as per the pattern given by the contractor & approved by engineers-in-charges complete. For 20 Days.	<b>SQM</b>	<b>50</b>		
	<b>Total Amount-Waterproofing works</b>				

**boq for Plumbing / tile work (Floor and wall, Toilet, and Bank Hall) including fitting and fixture**

S. No.	Description	Unit	Qty	Rate	Amount
<b>3.0</b>	<b>Plumbing Works</b>				
	Makes of Sanitary Wares				
A	Sanitary Wares-Parryware, ,jaquar in White Colour				
B	Seat covers – Patel, Commander				
C	Kitchen Sink – Neelkanth, Jayna				
D	C.P. Fittings – Jacquar				
E	C.P. Accessories – Picasso				
F	Bottle Trap – Parko				
G	Health Faucet – Continental,Hindware,jaquar				
I	PVC Tanks – Sintex				
J	G.I. Pipes – Tata, Jindal (Hissar) – B Class				
K	G.I. Fittings – UNIK				
L	C.I. Pipes & Fittings – R.I.F.				
M	Gate/Ball Valves – Leader/zoloto				
3.1	<b>Providing &amp; fixing Wash Basin</b> with pedestal of size 400x450 in white colour of approved make (First Class) with Steel bottle trap, etc. complete as per instructions at site.	<b>Nos.</b>	<b>2</b>		
3.2	<b>Providing &amp; fixing W.C.</b> with concealed flushing system of approved make Cera/Geberit/jaquar in white colour, C.P. Long Bend, Heavy Duty Seat Cover of Patel make, C.P. Connections, M.S. brackets, etc complete as per instruction at site.	<b>Nos.</b>	<b>2</b>		
3.3	<b>Providing &amp; fixing Wall hung Mini Stall Urinal</b> with autosensors of approved make Cera/Geberit/ Parryware/Hindware in white colour with spreader assembly etc complete as per instruction at site.	<b>Nos.</b>	<b>1</b>		



3.4.	Providing & fixing <b>C.P. concealed tank</b> of approved make complete as per instructions at site.	<b>Nos.</b>	<b>2</b>		
3.5.	Providing & fixing <b>C.P. Bib Cocks</b> of approved make complete as per instruction at site.	<b>Nos.</b>	<b>3</b>		
3.6	Providing & fixing <b>C.P. Pillar cock, long body</b> of approved make complete as per instructions at site	<b>Nos.</b>	<b>2</b>		
3.7	Providing & fixing <b>C.P. Angle Valve</b> of approved make complete as per instructions at site.	<b>Nos.</b>	<b>4</b>		
3.8.	Providing & fixing <b>C.P. Paper Holders</b> of approved make complete as per instructions at site.	<b>Nos.</b>	<b>2</b>		
3.9	Providing & fixing <b>C.P. Soap Dispenser</b> of approved make fixed on the walls with PVC dash fasteners complete as per instructions at site.	<b>Nos.</b>	<b>2</b>		
3.10	Providing & fixing <b>C.P. Towel Rod/Ring</b> of approved make complete as per instructions at site.	<b>Nos.</b>	<b>2</b>		
3.11	Providing & fixing <b>C.P. Connection pipes</b> of requisite length with C.P. nuts & bolts at either end complete as per instruction at site.	<b>Nos.</b>	<b>6</b>		
3.12	Providing & fixing <b>SS Finish Sink</b> of approved make complete as per instructions at site.	<b>Nos.</b>	<b>1</b>		
3.13	Providing & fixing health faucet of approved make complete as per instruction at site	<b>Nos.</b>	<b>2</b>		
3.14	Fixing, testing & commissioning of internal Water supply with <b>CPVC Pipe ¾"/1" mm</b> and drainage work for W.C. and waste water of approved make Pipe complete, fittings such as tees, crosses, plugs, sockets, elbows, reducers, unions, sleeve pieces, check nuts, end fittings brass threaded for effective fixture connection etc.	<b>Nos.</b>	<b>2</b>		
3.15	PVC connection for S.S. Sink	<b>Nos.</b>	<b>1</b>		
3.16	Health faucet	<b>nos</b>	<b>2</b>		
3.17	P/f Nahani Trap, S.S. Chilly brand with cockroach trap	<b>nos</b>	<b>4</b>		
3.16	CPVC Pipe ¾"/1" mm and drainage work for W.C. and waste water of approved brand	<b>RFT</b>	<b>30</b>		
3.17	Providing and laying Heavy Duty UPVC pipes of approved make in floor including covering the same with concrete having 1:2:4 mix (1 cement : 2 coarse sand : 3 stone aggregate 12 mm nominal size). The item includes all other accessories such as floor traps, bends, etc. as may be required with all joints to be sealed with solution, necessary digging / chasing and				

	covering the same properly, later etc. complete as per instructions of Architect / Bank's Enginner				
a	<b>Same as above but for 110 mm dia nominal bore pipe. For rain water pipe</b>	<b>RFT</b>	<b>15</b>		
b	<b>Same as above but for 75 mm dia nominal bore pipe</b>	<b>RFT</b>	<b>20</b>		
c	<b>Same as above but for 50mm dia nominal bore pipe.</b>	<b>RFT</b>	<b>40</b>		
d	<b>Providing and fixing Ball cock for Water tank</b>	<b>No.</b>	<b>1</b>		
e	<b>Providing and fixing heavy brass connections for Water tank</b>	<b>No.</b>	<b>2</b>		
	<b>Total Amount- Plumbing works</b>				
S. No.	Particulars	Unit	Qty	Rate	Amount
<b>4</b>	<b>MISCELLANEOUS</b>				
4.1	Green Grass wall- Providing and fixing artificial grass of heavy density fibres and length. On vertical wall. Item to include backing 12mm paneling complete, glue,pasting nails etc.	<b>sqm</b>	<b>2</b>		
4.2	<b>Mirror in Toilets</b> -Providing and fixing 6mm thk. of approved make clear mirror (First Quality) on 12mm thk. Marine ply. Mirror shall have a frame of 25mm x 25mm steam beach wooden moulding finished in melamine. The rate shall be inclusive all necessary fixtures & fittings. ASAHI /Saint Gobain	<b>sqft</b>	<b>4</b>		
4.3	<b>P/f Ceramic planters</b> ,heavy type 10" to 1'- dia , 1' height,Complete with natural indoor plants of Palm , phycus etc	<b>No</b>	<b>8</b>		
4.4	<b>P/f Artificial mixed plants</b> wall planters , running diagonally in variety. Of size 1m x 1m, size. Quality high grade. To be approved by Architect.	<b>sqm</b>	<b>4</b>		
4.5	<b>Brass Name plate</b> - Providing and fixing Brass plate 2mm thick, with letters embossed and black colored painted/pigmented. The plate shall be polished so it is weatherproof,and does not change color when exposed	<b>sqft</b>	<b>6</b>		

	to weather..				
4.6	Providing Fixing <b>Acrylic paintings</b> ,original ,handpainted of good artist of size 1'x2'6" Of high quality of Nature, monuments etc., well framed in Acrylic frames of brass finishing of size 2" - 3" varying upon the picture. Basic price Rs12000/-. The piece subject to approval as per Bank, Architect.	<b>no</b>	<b>4</b>		
4.7	<b>Providing &amp; fixing in place Roller blinds</b> , translucent of light shade of approved make, quality and colour shade & pattern. Rate shall include necessary scotch guard treatment on both sides. Brand- Vista/ Neha's	<b>sqm</b>	<b>2</b>		
4.8	Providing Fixing <b>Wall paper,waterproof</b> - Asian paints,Nilaya brand, Sabyasachi design. Motif Design / of high quality design. The design, colour subject to approval as per Bank, Architect.	<b>sqft</b>	<b>160</b>		
4.9	Providing and fixing Door handles, of carved design of <b>brass make</b> ,with locking arrangement of dimpled keys- 3 sets of keys- GODREJ/ OZONE / DORSET	<b>NO</b>	<b>5</b>		
4.10	P/F S.STEEL TOILET SIGNAGES ( 4" x 6")	<b>no</b>	<b>3</b>		
	<b>MISCELLANEOUS TOTAL</b>				
S. No.	Particulars	Unit	Qty	Rate	Amount
<b>5</b>	<b>PAINTING AND PUNNING</b>				
5.1	POP				
	<b>Providing &amp; applying POP</b> on wall & column as per required and to give a smooth surface as per approval of the Architect.- Sakarni POP.	<b>Sqm</b>	<b>100</b>		
5.2	<b>Painting</b>				
	Royal Plastic Paint : On Wall and Ceiling with the Base with POP punning to plumb level and 2 to 3 coats of Royal Plastic emulsion on 2 to 3 coats of lappam and 2 coats of primer one before and one after lappam. All as per the instructions of the Architects. ASIAN/ ICI	<b>Sqm</b>	<b>100</b>		

5.3	Exterior <b>weatherproof emulsion-Painting APEX, paint for Old /new /repaired</b> work on walls ,parapets,mumty,item to include preparation of base with Birla white/JK cement wall putty,sanding the surface for smooth finish, then application of priming coat of primer applied @ 0.80 litres/10 sqm complete, then two or three coats of APEX exterior weatherproof exterior emulsion Paint, including cost of Priming coat. Paint- Apex Exterior emulsion paint , with 5 yr warranty. Combination of light and dark shade shall be used.	Sqm	40		
5.4	<b>Synthetic Enamel Paint</b> : with 2-3 coats of primer, with proper sanding, final coats 2-3 coats for enamel paint. For window, Grill, Rolling Shutter, & Collapseable Gate. ICI/ DULUX/ ASIAN	Sqm	50		
5.5	<b>Texture Paint</b> Providing, spraying and applying Texture paint as per approved shade as per approval of the architect. Bi colour texture paint will be used. The wall surface has to duly prepared by scraping, removing the damaged plaster and applying P.O.P. to give a smooth surface as per approval of the Architect. Granular finish in Dark shade to be used on circular columns . Acro Paints	sqm	20		
	<b>Total Amount, PAINTING AND PUNNING</b>				

<b>6</b>	<b>STEEL STRUCTURE</b>	Unit	Qty	Rate	Amount
6.1	<b>MS Collapsible Gate</b> Providing & fixing in position top hung type M.S. collapsible grill gate with heavy duty standard section, channels, flats, top guide, 1.5" u-shaped bottom guide, pivots, rollers, stoppers, handles with proper locking arrangement & necessary accessories. The bottom rail shall be embedded in floor/tiles. The rate shall be finished with one coat of red oxide paint & two coats of oil paint on it. <u>Size 4'6" x 7'</u> [ openable at centre] Where collapsible gate is to be fixed within the opening but	no	1		

	is fixed along the outer surface of opening; the M.S. section at top shall be replaced by M.S. flat 40mm x 10mm. The necessary fittings such as bolts, nuts, locking arrangements, stoppers, handles, etc. shall be provided. The gates shall open and close smoothly and easily. T-iron rails shall be fixed to the lintel and floor with masonry nails embedded in cement concrete of lintel and floors at suitable spacing. The bottom runner shall be embedded with floor and proper groove formed and the floor shall be made good to match the rest of the flooring. At the sides, the end double channels shall be fixed with T-iron rails and also by holdfasts 200mm x 40mm x 4 mm bolted at one end to the end double channels and in the masonry in cement concrete 1:2:4 (nominal mix) blocks of size 115 mm x 75 mm x 230 mm, 3 nos. each side. The side masonry shall be made good to match the rest of the masonry finish. Two coats of anti rusting paint to be provided to the gate.				
6.2	<b>P/FIXING Stainless steel door</b> of size 4'x7' at safe room location. The door shall be lockable with key sets and aldrop locks 1 nos to be provided for additional pad lock provision for two locks. The door frame with holdfast shall be grouted in 9" brick wall and finished properly. DOOR Frame-1.6mm,Door leaf-1.2mm Shutter thickness-46mm. Brands- Hercules	no	1		
6.3	<b>Aluminium Composite Panel (ACP) [ EXTERIOR GRADE]</b> with framing of Aluminium Tube sections of min 1.5" x 1" and 20 gauge 2'-0" C/C both ways. Mirror screws to be used. Joints to be finished with Silicon based sealant. ACP thickness of 3 mm minimum of approved shade ( Silver-/ stone/ any Design/pattern as per Bank's /Architects decision). ACP to be in 2' width panels or distributed equally. Alubond/ ALSTONE or equivalent ISO certified brands to be used. Shades to be as per bank's approval. To be fixed below AC Sheet ceiling, members ,clamps etc be included to be welded/ fixed with existing pipe members to be included. Any increase in G.I.pipe to be included in the rates. Item to be complete in all respect., to include cutting for light fittings.	Sqft	256		
6.4	<b>Ventilator Grill</b> -Providing and fixing MS Grills of size 1'x1' for <b>toilet windows / ventilators</b> etc. using 12mm M. S. square bar grills at 4" C/C fixed as per the architects design. The edges to be fixed with heavy angle iron frame, with holdfast 1 on each side, shall be properly grouted in wall.and finished smooth The rate shall be inclusive of all fittings etc. complete and with 2 coats of anti rust paint. And finished with enamel paint,2-3 coats	NO	3		

	<b>STEEL STRUCTURE TOTAL</b>				
7.0	<b>FALSE CEILING WORKS</b>				
7.1	<p>Providing and fixing in position "Gypsum Board" false ceiling suspended on G.I. Frame work consisting of: - Perimeter channel of size 27mmx 0.5mm with flanges of 20mm and 30mm screwed &amp; fixed to brick wall or partition wall as the case may be. Intermediate channels of size 45mm x0.5mm with flangesof 15mm each suspended from existing ceiling of 1200mm centre with steel hangers of width 25mmx 0.5mm thick fixed with dash fasteners.</p> <p>Ceiling section of 0.5mm thickness having knurled edge of 51.5mm and two flanges of 26mm each with lips of 10.5mm fixed to intermediate channel with the help of connecting clips and in direction perpendicular to the intermediate channel with the help of connecting clips and in direction perpendicular to the intermediate channel at 450 centers. 12.5mm thick tapered edge gypsum plaster board (Confirming to IS 2095 of 1982, Gypboard) finally screw, the tapered and square edges of the boards to be jointed and finished with requisite filler, paper tape, finisher and primer suitable for gypsum plaster board to give a smooth and even finish.</p> <p>(All above as per the recommendations of India Gypsum Limited.) Finishing false ceiling with two or more coats of plastic emulsion paint (super white color) to give an even shade. However the rate to include making necessary cut outs/ openings for light fittings. These cut outs to have perimeter channel of size 0.5mm all round and supported suitably.Item to include necessary modifications with respect to existing false ceiling, with respect to various level changes, as per design or as per A/c grill positioning.False ceiling shall be designed in steps pattern, with arrangement of cove lights , false niches shall be created etc.</p>	<b>SQM</b>	<b>75</b>		
	<b>FALSE CEILING WORKS TOTAL</b>				
8	<b>PARTITION WORKS</b>	Unit	Qty	Rate	Amount
8.1	<b>3" THICK FULL HT WOODEN PARTITION</b>				
	<p>Providing &amp; fixing 3" thick full height solid partition for made up of 1.75"x1.75" kail wood section framework at 600 mm c/c both ways (or as directed by the Architect); 6 mm commercial plywood &amp; 1 mm laminate from both sides. Partition should be finished with specified finish as per design. The rate includes providing 35 mm thick flush door with necessary lipping patti polished. Rate includes all</p>	<b>SQM</b>	<b>5</b>		

	necessary hardware ( i.e ball bearing hinges of approved make, door closure, Cylindrical Lock with key, Door stopper etc) Exposed edges of the partition should have 75x12 mm matching wood Patti with groove in between. All provisions to be made for all electrical, networking, telephone etc. boxes onto partition framework at required heights/levels with necessary additional supports &/or scaffolding as required. The rate includes all necessary hardware & cleaning of partition to the satisfaction of the Architect etc. complete				
8.2	<b>12mm Glass PARTITION WORKS-</b>				
	<p>Providing and fixing frameless fully glazed 12mm thk toughened float glass PARTITION fixed with necessary patch fittings(Dorma make) including cutting, making holes, cutouts in the glass of required shape and size to accommodate fittings and fixing the fittings in floors, soffits, jams including necessary fixtures, screws, sealent wherever required and SS cover over patch fittings. Rate shall include necessary etching film / LOGO, approved patch fitting locking systems, 1 pair of 12” long S. S. (C Shape) Handles of approved make, floor springs, and any necessary hardware items.( DORMA MAKE Top Pivot - PT 24, Top Patch Fittings - PT 20, Bottom Patch fittings - PT 10, Floor Spring - BTS 75 V, Corner lock with strike plate and Euro Profile Cilinder - US 10, Handle - TG 9300 EQ - S 25mm dia X 300mm length)</p> <p>Item to include ATM DOOR, and Front Partition ATM - FULLY GLAZED (12MM THK TOUGHENED GLASS) (DORMA / HAFFELE FITTINGS)</p>	SQM.	9		

8.3	<p><b><u>WOODEN PANELLING-</u></b> Providing &amp; fixing Panelling on existing walls as per design &amp; drawing <b>with sub- frame of size 38mm x50mm kail wood @ 500mm x 500mm c/c</b> vertically &amp; horizontally, treated with anti termite and fire retardent paint. The frame to be fixed in walls with screws and wooden gutties. The panelling made of 6mm thick commercial plywood, With PVC MOULDING DESIGN , size varying from ¾” to 4” as per design. To be finished with PU paint. The base to be prepared well with sanding , application of primers, fillers, to get perfect joint free smooth finishing. PU paint shall be applied by</p>	Sqm	66		
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	<p>compressor.</p> <p>Rates to include necessary notches in frame on carrying electrical conduit and switch boxes. It includes design &amp; grooves etc, complete in all respect to the satisfaction of Architect/ Bank. Marine PLY to be used- DURO/ GREENPLY/ CENTURY</p> <p>Pvc mouldings-EURO PRATEEK</p>				
8.4	<p><b><u>WOODEN PANELLING</u></b>- Providing &amp; fixing Panelling on existing walls as per design &amp; drawing <b>without frame on 12mm bwp ply</b>, treated with anti termite and fire retardent paint. The frame to be fixed in walls with screws and wooden gutties. The panelling made of 6mm thick commercial plywood, With PVC MOULDING DESIGN , size varying from ¾” to 4” as per design. To be finished with PU paint. The base to be prepared well with sanding , application of primers, fillers, to get perfect joint free smooth finishing. PU paint shall be applied by compressor.</p> <p>Rates to include necessary notches in frame on carrying electrical conduit and switch boxes. It includes design &amp; grooves etc, complete in all respect to the satisfaction of Architect/ Bank. Marine PLY to be used- DURO/ GREENPLY/ CENTURY</p> <p>Pvc mouldings-EURO PRATEEK</p>	<b>Sqm</b>	<b>100</b>		



8.5	<p><b>WOODEN BOX PANELLING</b>- Providing &amp; fixing Panelling on existing walls <b>with 12mm marine ply, Box Panelling of depth 4” all round a frame or complete 4” depth box wherever required as per design.</b> treated with anti termite and fire retardent paint. The frame to be fixed in walls with screws and wooden gutties. The panelling made of 6mm thick commercial plywood, With PVC MOULDING DESIGN , size varying from ¾” to 4” as per design. To be finished with PU paint. The base to be prepared well with sanding , application of primers, fillers, to get perfect joint free smooth finishing. PU paint shall be applied by compressor.</p> <p>Rates to include necessary notches in frame on carrying electrical conduit and switch boxes. It includes design &amp; grooves etc, complete in all respect to the satisfaction of Architect/ Bank. Marine PLY to be used- DURO/ GREENPLY/ CENTURY Pvc mouldings-EURO PRATEEK</p>	sqm	20		
8.6	<p><b>Aluminium Composite Panel (ACP) [ EXTERIOR GRADE]</b> with framing of Aluminium Tube sections of min 1.5" x 1" and 20 gauge 2'-0" C/C both ways. Mirror screws to be used. Joints to be finished with Silicon based sealant. ACP thickness of 3 mm minimum of approved shade ( Silver-grey or equivalent as per Bank's Layout policy). ACP to be in 2' width panels or distributed equally. Alubond/ ALSTONE or equivalent ISO certified brands to be used. Shades to be as per bank's approval. Trap door will be 12 mm marine ply finished with ACP for rolling shutter wheel.</p>	SQM	8		

8.7	<p><b>LACQUERED GLASS PANELLING-</b> Providing &amp; fixing Lacquered glass 4mm thick of Saint Gobain of approved colour/shade . Glass to be pasted on <b>12mm marine ply</b>, treated with anti termite and fire retardent paint. The Ply to be fixed in walls with screws and wooden gutties. The panelling made 12mm ply and 4mm lacquered glass to be finished with PVC MOULDING DESIGN , size varying from ¾” to 4” as per design. To be finished with Melamine Polish, spray painted. Glass shall be protected with plastic sheet and removable tapes. The base to be prepared well with sanding , application of primers, fillers, to get perfect joint free smooth finishing. Melamine shall be applied by compressor.</p> <p>Rates to include necessary notches in frame on carrying electrical conduit and switch boxes. It includes design &amp; grooves etc, complete in all respect to the satisfaction of Architect/ Bank. Marine PLY to be used- DURO/ GREENPLY/ CENTURY Pvc mouldings-EURO PRATEEK</p>	SQM	15		
8.8	<p><b>Flush doors for toilets 2’8” x7’-</b>Providing and fixing solid WPC doors of sizes as mentioned. The door shutter shall of 30 mm thick WPC shutter of Floresta Platina make and finished with 1mm thick approved laminate on both sides. The edges finished with 2mm edge banding tape, both laminate and edgebanding tale shall be pasted by Astral Fixing solution.. A door frame of 3.0” x 2” WPC, Floresta, Platina section shall be provided finished in Satin enamel with wooden grains . Rate shall include Dead lock ( Godrej Make), floor springs / door closure ( as the case may be), door stopper, a pair of handles 12” SS Brushed finished, 5” hinges 4 Nos., buffers, tower bolts, etc with necessary hardware items and with door frames as mentioned above BRAND-WPC Floresta Platina, 700 density for doors and 1000 density for frame</p>	No	5		
	<b>MAIN DOOR, TEAK WOOD, GLASS COMBINATION.</b>				
8.9	<p>Providing and fixing teak wood wooden paneled door, with teak wood top,bottom, middle and side,intermediate members as per design. The panels shall be 4 or 6 in nos with partly beveled glass of 12mm thickness.,toughned,partly teak wood panel.</p>	No	2		

	Fixed with decorative mouldings,beadings of size ranging from ¾” to 2”. The door shall be smooth finished, sanded properly and applied P.U. Finish. The accessories like heavy brass hinges, decorative heavy handles of brass, and locking arrangement, 1’ length shall be included in the cost. Two tower bolts 9” length ,heavy brass to be provided from inside along with Aldrop brass locable arrangement, decorative type.with design. .Door closer concealed type shall be fixed. Door stopper, locking arrangement of brass heavy type included in the cost. Door frame of teak wood size 2.5”x6” included in the cost., DOOR SIZE 3’X7’, Thickness 35MM.				
8.10	<b>Ventilator /1’x1’ window fixed</b> -Providing and fixing ventilator for toilets , ups cabin of size 1’x1’ with wooden frame of size 3”x1.5” fixed with metal mesh of opening size 12mmx12mm jaali opening of thick gauge wire. The jaali shall be fixed with wooden mouldings both ways. The wooden frame ,mouldings and jaali shall be finished with primers of 2-3 coats and shall be finished with synthetic Enamel in 2-3 coats to achieve desired finish.wood shall be evenly sanded ,for smooth finish. Frame to be treated with termite proof before installation.	no	3		
9	<b>FURNITURE WORKS</b>				
9.1	<b>Slip Counter /Cheque Drop Box</b> Providing & fixing box made up 18 mm. thk. plywood framework, 12 mm. thk. plywood back as required as per design. The top complete and sides till 2” shall be completely covered by 6mm thick Dupont Acrylic sheet of beige,plain/ Grain mix/texture color. The Dupont fixing shall be with same color adhesive as companys recommendation. All edges , joints shall be smooth finished. Joinery should be smooth and joints should not be detected with naked eye. Good quality blackboard shutters should be fixed on invisible brass hinges should be finished with 1.0 mm. thk.Texture/glossy laminate from external side & PU paint to non laminate ed surfaces. All exposed edges of plywood should have lipping patti on it. Lipping patti should be finished with Duco paint on it. The cost should include necessary handles, magnetic catches, Ozone make locks etc. complete as per design. <b>DUPONT COST INCLUSIVE FOR SLIP COUNTER</b>	NO	1		

9.2	<p><b>Suggestion Box</b>  Providing &amp; fixing box made up 18 mm. thk. plywood framework, 12 mm. thk. plywood back as required as per design. . The top complete and sides till 2" shall be completely covered by 6mm thick Dupont Acrylic sheet of beige plain/Grain mix/texture color. The Dupont fixing shall be with same color adhesive as companys recommendation. All edges , joints shall be smooth finished. Joinery should be smooth and joints should not be detected with naked eye. Good quality blackboard shutters should be fixed on invisible brass hinges should be finished with 1.0 mm. thk. Texture/glossy laminate from external side &amp; PU paint to non laminated surfaces Good quality blockboard shutters should be fixed on brass hinges should be finished with 1.0 mm. thk.textured/glossy laminate from external side &amp; satin paint to non laminated surfaces. All exposed plywood edges of board exposed at drawers shall be 2mm thick Edge banding tape[Rehau]. Lipping patti should be finished with French polish on it. The cost should include necessary handles, magnetic catches, Godrej make locks etc. complete as per design.  <b>DUPONT COST INCLUSIVE FOR SUGGESTION BOX]</b></p>	NO	1		
9.3	<p><b>Centre Table for ( 3'-0" x 1'6" x 1'6" ) P &amp; F</b> in position Centre table, consists of  The i) table top to be made of 19mm thick commercial board &amp; finished with 6mm thick Dupont of approved colour/shade make finished with Dupont leaping 2" with Dupont 6mm , to be provided as per dwg. Modesty panel &amp; side of Tables finished with 1mm thick textured/glossylaminate of approved shade &amp; to be made up of 19mm commercial board.edges of board exposed at drawers shall be 2mm th Edge banding tape[Rehau]. The top shall be partly Glass, 12mm thick toughed, beveled, as per design. Dupont, cost, glass etc completely included including finishing complete. PU paint to non laminated surfaces  <b>DUPONT COST SEPARATE FOR TABLE</b></p>	NO	3		
9.4	<p>P &amp; F in position <b>ManagersTable, with side unit and drawer unit</b> consists of  The i) table top, and sides till 12" from top to be made of 19mm thick commercial board &amp; finished with 6mm DUPONT Sheet, moulded in curved top sliding down till 1'. In taper form, provided with 75mm dia wire manager to be provided as per dwg. Modesty panel &amp; side of Tables finished with 1mm thick textured/glossy laminate of approved shade &amp; to be made up of 19mm commercial board &amp; finished with &amp; exposed faces</p>	NO	1		

	<p>with 2mm th Edge banding tape[Rehau]. Drawers made from (12mm x 120 mm high) plywood 19mm thick comm. Board front &amp; 6mm thick commercial ply base. All internal surfaces of drawers to be laminated with 1.0 mm thick laminate. edges of board expost at drawers shall be 2mm th Edge banding tape[Rehau]. . All drawers to be mounted on roller channels fixed on sides. Edges of board to have 3mm thick Steembeechnwood lipping. Side unit, top made from 19mm thick laminated comm. Board with Steembeechnwood lipping along with laminate in front.19mm thick one side   Texture/glossy aminated / teak board for sides &amp; 6mm thick commercial ply rear.(iii) Side unit to extend inside table, incorporates Steembeechnwood foot rest- size 38mmx75mm &amp; tray for keyboard and fixed on Earl Bihari /Kich channels. Items to be completed in all respect including Duco paint all complete as per design drawing.All hardware in stainless steel.Size : <b>Worktop : 6'-0"x3'-0"</b>  <b>Drawer Unit : Side table 3'-0"x1'6"</b>  <b>Ht=2'6"</b>  <b>DUPONT COST SEPARATE FOR TABLE</b></p>				
	<b>Work Table for Officers ( 5'-0" x 2'6" x 2'6" )</b>	<b>no</b>	<b>2</b>		
<b>9.5</b>	<p>P &amp; F in position <b>OfficersTable,with side unit and drawer unit</b> it consists of</p> <p>The i) table top, and sides till 12" from top to be made of 19mm thick commercial board &amp; finished with 6mm DUPONT Sheet, moulded in curved top sliding down till 1'. In taper form. , finishing of drawer edges of board expost at drawers shall be 2mm th Edge banding tape[Rehau]., provided with 75mm dia wire manager to be provided as per design. Modesty panel &amp; side of Tables finished with 1mm thick Textured/glossylaminate of approved shade &amp; to be made up of 19mm commercial board &amp; finished with &amp; exposed faces with 2mm reahau edge banding tape. Drawers made from (12mm x 120 mm high) plywood 19mm thick comm. Board front &amp; 6mm thick commercial ply base. All internal surfaces of drawers to be painted inside with Satin enamel paint. 19mm x 25mm Steembeechnwood members between drawers. All drawers to be mounted on roller channels fixed on sides. Edges of board to have edges of board expost at drawers shall be 2mm th Edge banding tape[Rehau]. . Side unit, top made from 19mm thick laminated comm. Board with Steembeechnwood lipping along with laminate in front.19mm thick one</p>				

	<p>side laminated / teak board for sides &amp; 6mm thick commercial ply rear.(iii) Side unit to extend inside table, incorporates Steembeechwood foot rest- size 38mmx75mm &amp; tray for keyboard and fixed on Earl Bihari channels. Items to be completed in all respect including PU paint all complete as per design drawing. All hardware in stainless steel. Size : <b>Table size:-Worktop : 5'0"x2'6",ht=2'6"</b>  <b>Drawer Unit included: Side table 3'x1'6",ht=2'6" with separate lock in each drawer.</b>  <b>DUPONT COST SEPARATE FOR TABLE</b></p>				
		Unit	Qty	Rate	Amount
9.6	<p><b>Low Height Cabinets.</b>          Providing and fixing in position storage cupboards made of 25mm thick commercial board-top with 19mm commercial bwp grade board, covered on top with DUPONT 6 MM TH. for structure and partitions necessary shelves as shown in the drawing. All exposed edges of the board to be covered with 2mm Rehau leaping &amp; All internal surfaces of the cupboards to be finished with Satin enamel paint. The shutters of the cabinets to be made of 19mm thick commercial board &amp; finished with 1.0mm thick laminate. The rate to include providing and fixing of 3 Stainless steel handles, knobs, locking arrangements, magnetic ball catchers, Stainless-steel tower bolts etc. All hardware in stainless steel of approved make  <b>DUPONT COST SEPARATE FOR TABLE</b></p>				
	<b>The top and side Leaping shall be dupont-taken seperately</b>				
9.7	<p><b>Lunch platform</b>-Providing and laying platform of 1'3" to 1'6" width (clear width) and at 3 '6" height (finished top level) from floor of approved 20mm thick Granite with bull nosed edges. It shall be laid on BWR ply wood 19mm thick supported on Steel frame 1'3" wide 19mm thick BWR ply wood to be provided below the entire lunch counter for Tiffin and kitchen items. The ply surface to be painted with enamel paint after applying putty. OR alternatively the lunch platform to be made of S.S. square section pipe, 2"x2" to be placed in balcony as per required shape and size and the Granite slab to be fitted over it properly with necessary plastering for exposed faces of the slab.</p>	<b>RFT</b>	<b>6.02</b>		

<b>9.8</b>	<b>DUPONT TOP</b> Providing and fixing in position storage cupboards made of 6 mm thick DUPONT with glue as recommended by DUPONT. The application shall be in bend form, straight cut etc. all edges shall be smooth finished. Glue shall be of same color as sheet, so no pasting lines should appear to naked eye.	<b>sqft</b>	<b>96</b>		
	<b>Total Amount-Furniture works</b>				

### ELECTRICAL BOQ SUMMARY OF COST

FOR ELECTRICAL ITEMS AT UCO BANK BRANCH AT PRESIDENTIAL ESTATE

Sub Head	Description				Amount
I.	:-INTERNAL WIRING				
II.	:-DATA CABLING SYSTEM				
III.	:-DISTRIBUTION BOARD & PANEL				
IV.	:-LIGHTING FIXTURE & FANS				
V.	:-EARTHING				
VI	GLOW SIGH BOARD WIRING				
VII	:- AIRCONDITIONING				

	:-TOTAL				



**B.O.Q. FOR INTERNAL INSTALLATION ELECTRICAL WORKS  
FOR UCO BANK BRANCH AT PRESIDENTIAL ESTATE**

S.NO	DESCRIPTION OF ITEM	UNIT	QTY	Rate	Amount
	<b>SUB-HEAD I: INTERNAL WIRING</b>				
I	Wiring for light, fan, call bell and 5A plug point with 2x1.5 sq.mm.F.R.L.S., PVC insulated copper conductor cable in recessed / surface MS conduit 16 gauge with suitable junction boxes switches and plugs etc. all fitted in concealed 16 SWG zinc passivated embedded in walls with moulded plate switches continuous running of 1.5 sq.mm.F.R.L.S., PVC insulated copper solid conductor cable earthing the fixtures outlet boxes and wiring of sub circuit & mains circuit with supply and laying of 2x2.5 sq.mm.F.R.L.S., PVC insulated copper conductor cable and 1.5 sq.mm. F.R.L.S.,PVC insulated copper solid conductor cable for earthing from the distribution board as required (All wiring items include provision of conduit and all fittings / conduit accessories complete wiring and switches)				
i	Wiring as above for a light point controlled by a 6A switch.	<b>Point</b>	<b>10</b>		
ii	Wiring as above for Secondary light point controlled by a 6A switch.	<b>Point</b>	<b>25</b>		
iii	Wiring as above for a call bell point controlled by a 6A switch.	<b>Point</b>	<b>2</b>		
iv	Wiring as above for bracket/ceiling fan point controlled by a 6A switch.	<b>Point</b>	<b>5</b>		
v	Wiring as above for universal 5 pin 6A socket with switch outlet point.	<b>Point</b>	<b>5</b>		
2.	Wiring for universal 6 pin <b>16x6A power</b> socket outlet point with 2x4 sq.mm.F.R.L.S., PVC insulated copper conductor cable in surface / recessed MS conduit 16 gauge including providing and fixing 6 pin 16x6A socket outlet with moulded switch plates with zinc passivated boxes embedded in walls including continuous running of 4 sq.mm.	<b>Point</b>	<b>6</b>		

	F.R.L.S.,PVC insulated copper solid conductor cable and earthing the 3rd pin required ( only one power point per circuit will be wired.)				

S.N O	DESCRIPTION OF ITEM	UNIT	QT Y	Rate	Amount
3.	Wiring for universal 6 pin 16x6A power socket outlet with 2x6 sq.mm.F.R.L.S., PVC insulated copper conductor cable in recessed/surface MS conduit including providing and fixing 6 pin 16x6A socket outlet with moulded switch plates with zinc passivated boxes embedded in walls including continous running of 6 sq.mm. F.R.L.S.,PVC insulated copper solid conductor cable and earthing the 3rd pin as required second power plug shall be looped with 2x4 sq.mm. 1x2.5 sq.mm.F.R.L.S., PVC insulated copper conductor cable from the first one. including switch socket and box ( Two power point per circuit shall be wired.)	Set	5		
4	Supplying & fixing of 1 no. 16 Amps moulded switch and and 2 nos. 6 Amps moulded sockets, and 1 no 16amp moulded socket in partition with box and including with 2x4 sq.mmF.R.L.S., PVC insulated copper conductor cable in surface / recessed MS conduit and earthing the 3rd pin with 1x4 sq.mm F.R.L.S.,PVC insulated copper conductor cable complete as required (2 point per circuit shall be wired) complete as required.	Each	6		
5	RG 6 T.V Co axial socket with Cover Plate.	Each	2		
6	Supply, drawing, connecting, testing and commissioning of T.V Coaxial cable RG 6 in existing conduit.	Meter	20		
7	Supplying and laying of PVC conduit with accessories under floor of the following size complete as required.				
	a. 25mm dia	Meter	40		

8	Supplying and fixing of galvanized ceiling mounted metal cable raceways ,width 6" 16 gauge, complete finxing with ceiling/wall hangers, duco painted.items to include complete supply and installation.				
	a. supply ,installation 6" width, 16 gauge raceways	<b>Meter</b>	<b>20</b>		
9	Wiring for sub main with following sizes in recessed / surface MS conduit as required.				
	a]. 4x35 sqmm ,armoured al cable.	<b>Meter</b>	<b>10</b>		
	b] 2x4sqmm+1x4 sqmm	<b>Meter</b>	<b>60</b>		
	c]. 2x 6 sqmm +1X2.5 SQMM,F.R.L.S.,	<b>Meter</b>	<b>70</b>		
10	<b>A/c points</b> -Same as serial no.1, but wiring for A/C socket by using 2*4 sq.mm. PVC insulated 1100 V grade copper conductor wire and earthing with 1*4.0 sq.mm. PVC insulated 1100 V grade copper conductor wire with modular type AC box (tiny trip type) with socket complete in all respects controlled	<b>NO</b>	<b>4</b>		
11	Supplying, and installing of MS junction box of size 300 x 300 x 40 mm suitable for adopting two run of floor trunking of size 150x32mm embdded in floor by cutting the existing floor to be in flush to the existing floor finish level and rendering the floor complete with cement concrete as approved layout complete as required including providing Stainless steel plate top cover and frame as required (LAN and UPS Point cabling)	<b>Each</b>	<b>3</b>		
12	Supplying, fixing & installing of Aluminium floor trunking, with partition with cover of size 150 x 32 mm embedded in floor by cutting the existing floor to be in flush to the tiled floor finish level and rendering the floor complete with cement concrete as approved layout complete as required. (UPS Points / Data	<b>Meter</b>	<b>15</b>		
	<b>SUB-HEAD I TOTAL:</b>				

S.NO	DESCRIPTION OF ITEM	UNIT	QTY	Rate	Amount
	<b>SUB-HEAD II:- DATA CABLING SYSTEM</b>				
1	Providing & fixing IOU, of AT & T make including the square face plate and M.S.housing box with RJ-45 Socket etc.complete in all respect.including cat -6 Data cable,pvc conduits, identification ferrules, complete in all respect including comissioning of the hub.(Contractor will be responsible for structure cable approval for AT & T )	no	8		
2	PROVIDING /FXING NEW JACK PANEL & HUB AND COMMISIONING IT., 24 PORT,COMPLETE	NO	1		
3	Providing and fixing Mounting cords one per port.				
i]	for 3'-0" long	Nos.	8		
Ii	for 7'-0" long	Nos.	8		
4	Supplying and fixing 16 gauge GI box with locking with gas kits hinged cover with necessary bridge with tag blocks (Krone Make) to be recessed in wall / surface with adequate knock outs for conduit / cables as required for terminating suitable sizes of cables.				
	a. suitable for 20 pairs.	No.	1		
5	Point wiring:-Providing and fixing telephone wiring with two pair telephone cable in PVC conduit including two pair cord outlet, moulded type telephone outlet housed in zinc passivated box with suitable connector strip in recessed wall / partitions/floor as required. Note:- cost to include wiring cost,conduits, RJ-11 Socket with plate including terminations ,complete in all respect.A] single pair cord outlet	No	4		
	a. single pair cord outlet	Nos.	4		
	<b>SUB-HEAD II TOTAL:</b>				

S.NO	DESCRIPTION OF ITEM	UNIT	QTY	Rate	Amount
	<b>SUB-HEAD III:- DISTRIBUTION BOARD &amp; PANELS</b>				
1	Supplying, erection and commissioning of 6 way TPN MCB distribution board comprising of recessed sheet steel enclosure with double door with loose wire box 100A tinned copper bus bars neutral and earth strips interconnections etc. complete with following mountings as required. (DB-for Power , Light and Air conditioner) with 63 Amp MCB 4 pole.				
	a) 63A DP ELCB on each phase 3nos.				
	b) 10A SP MCB out going 9nos				
	c) 32A SP MCB out going - 9 Nos.	<b>Set</b>	<b>1</b>		
2	Supplying, erection and commissioning of 8 way Vertical TPN MCB distribution board comprising of recessed sheet steel enclosure with double door with loose wire box 100A tinned copper bus bars neutral and earth strips interconnections etc. complete with following mountings as required. (DB-for Light ).				
	a) 63A 4 POLE MCB INCOMER 1no.				
	b) 63A 2 POLE ELCB on each phase 3nos.				
	e) 20A SP MCB out going - 24 Nos.	<b>Set</b>	<b>0</b>		
3	Supplying, erection and commissioning of 8 way SPN MCB distribution board comprising of recessed sheet steel enclosure with double door with loose wire box 100A tinned copper bus bars neutral and earth strips interconnections etc. complete with following mountings as required. (Computer DB)				
	a) 40A, 2P MCB as incoming & outgoing UPS - 2 No.				
	b) 10/20A SP MCB -4Nos.	<b>Set</b>	<b>1</b>		
4	Supplying, erection testing and commissioning of cubical type sheet steel clad clad mounted totally enclosed LT switch board suitable for use on 415V 3 phase 4 wire 50 cycles complete housed with incoming and outgoing,200A tinned copper bus bar including interconnection accessories etc. Complete as required and with following incoming and outgoing switchgear as per specification and drawings.				
	<b>INCOMING</b>				

	a)100A, 4P MCCB (25KA) - 1 No & 100 Amp TPN Bus bar - 1 set				
	b) Voltmeter 0-500V with selector switch -1No				
	c) Ammeter 0-100A with selector switch \$ CTs-1Set				
	d)Indicating lamp RYB -1 Set				
	OUTGOING				
	a) 100Amp 4P MCCB 1Nos.	Set	1		
	b) 40 AMP DP for UPS -1Nos.				
	C) 63Amp 4P changeover 1Nos.				
	d) 40 AMP MCB type change over for UPS -1nos,				
	<b>SUB-HEAD III TOTAL:</b>				

S.NO	DESCRIPTION OF ITEM	UNIT	QTY	Rate	Amount
	<b>SUB-HEAD IV:- LIGHTING FIXTURE AND FANS</b>				
1	Supplying and fixing <b>Spot/ fosussed light,12 watt</b> Philips/ Crompton Greaves/ Havells				
a)	Supply & fix	Each	24		
2	Supplying and fixing <b>Down lighter light,24 watt</b> Philips/ Crompton Greaves/ Havells				
a)	Supply & fix	Each	12		
3	Supplying and fixing <b>Shandelier, circular, 80 cm dia-</b> Philips/ Belyyse	Each	1		
a)	Supply & fix Supplying and fixing <b>Shandelier- linear-4' length,Philips/ Belyyse</b>	Each	1		
4	Supplying, fixing and commissioning of 305mm 1400 RPM exhaust fan complete with louver and bird guard screen with 3 core flexible wire complete as required.(GEC)				
	a) Exhaust fan	Nos.	5		
5	Supplying & fixing round/ square type LED /Consealed /Surface mounted light fixture 15 watt .Brand- PHILIPS/WIPRO/Havell	Each	15		
6	supply and erection of wall mounted fans complete fitting.-Crompton greaves/Usha	Nos.	5		
7	supply and fixing of strip lighting, 5m	Nos.	10		

[illegible]

	<b>SUB-HEAD VII:- AIRCONDITIONING</b>				
1	Supplying, erection, pressure testing , gas charging and connection indoor, outdoor, commissioning <b>SPLIT AIR CONDITIONER 1.0 TR</b> , including servicing, gas refilling etc. [5-star rated units] with B.E.E. Label Certification,2023 model DIEKIN/CARRIER/HITACHI	no	2		
2	Supplying, erection, pressure testing , gas charging and connection indoor, outdoor, commissioning following / <b>Roof mounted cassette</b> units of (Toshiba/ Mitsubishi/ Hitachi/ Daikin/LG/ Carrier/ ) with cordless remote complete with all necessary fittings duly insulated with 9 mm thick nitrile rubber pipe insulation with ( <b>evaporator coil – copper only</b> ), fan and fan motor, machine control panel improved Refrigerant Joints, .Air conditioners shall be fitted with hermetically sealed type suction cooled reciprocating or discharge cooled rotary compressor or scroll compressor. Compressor unit operating on <b>R-22/ R-410</b> . All complete as per drawing, approval and instructions of the Employer (Rates to be inclusive of Copper refrigerant pipe with insulation and Drain pipe up to 5 Mtr. length). <b>1.5 ton</b> 1.5 TR Cassette type unit with 4 way/ round air flow including all necessary fittings and mountings as specified by the manufacturer (Three phase). ( 5 star or Equivalent energy saving latest model Inverter Type)	no	1		
3	Supplying, erection,connection indoor, outdoor, pressure testing ,gas charging,and commissioning following / <b>Roof mounted cassette units</b> of (Toshiba/ Mitsubishi/ Hitachi/ Daikin/LG/ Carrier/ ) with cordless remote complete with all necessary fittings duly insulated with 9 mm thick nitrile rubber pipe insulation with ( <b>evaporator coil – copper only</b> ), fan and fan motor, machine control panel improved Refrigerant Joints, .Air conditioners shall be fitted with hermetically sealed type suction cooled reciprocating or discharge cooled rotary compressor or scroll compressor. Compressor unit operating on	no	1		



	<p><b>R-22/ R-410.</b> All complete as per drawing, approval and instructions of the Employer (Rates to be inclusive of Copper refrigerant pipe with insulation and Drain pipe up to 5 Mtr. length).</p> <p><b>2 ton</b></p> <p>2.0 TR Cassette type unit with 4 way/ round air flow including all necessary fittings and mountings as specified by the manufacturer (Three phase). ( 5 star or Equivalent energy saving latest model Inverter Type)</p>				
4	Supplying and laying of Extra copper refrigerant piping with nitrile rubber pipe insulation, both of size as specified by the manufacturer suitable for 1.0 TR/ 1.5/2.0 TR Split type AC (From Indoor to outdoor Units) Beyond 3 M.	m	12		
5	Supplying and laying of Extra copper refrigerant piping with nitrile rubber pipe insulation, both of size as specified by the manufacturer suitable for 1.5/2.0 TR Cassette AC (From Indoor to outdoor Units)	m	60		
6	32 mm dia PVC drain pipe for Cassette AC	m	40		
7	25 mm dia PVC drain pipe for SplitAC	m	10		
8	SUPPLY ,INSTALLATION,OF AUTOMATIC VOLTAGE STABILISER OF 4 KVA ,crystal care/Logicstat/blue star make, wall mounted model.	no	2		
9	<b>MS-STAND [ for split]</b> -Providing and fixing of lockable caging for outdoor unit grouted on wall or on roof with open able shutter made of 10 X 10 mm MS square bars placed vertically @ 5" c/c welded with 40 X 3 mm MS flat all- round. The frame shall be of angle 35mm*35mm and it shall be fixed to wall or roof with proper MS bracket to tackle the weight of outdoor unit. Item includes all necessary hardware, priming coat, synthetic enamel paint, hanger, clamps other accessories etc. All complete as per approval and instructions of the employer.Size shall be adequate for AC outdoor size & sufficient space around the outdoor suitable for servicing purpose for Outdoor unit.	no	2		

10	Supplying, installation and commissioning of automatic 24 HRS. programmable TIMER ,changeover of required capacity to run A.C. alternately (MDS/ L&T/ Other reputed make).	no	1		
11	<b>MS-STAND [ cassette]</b> -Providing and fixing of lockable caging for outdoor unit grouted on wall or on roof with open able shutter made of 10 X 10 mm MS square bars placed vertically @ 5" c/c welded with 40 X 3 mm MS flat all- round. The frame shall be of angle 35mm*35mm and it shall be fixed to wall or roof with proper MS bracket to tackle the weight of outdoor unit. Item includes all necessary hardware, priming coat, synthetic enamel paint, hanger, clamps other accessories etc. All complete as per approval and instructions of the employer.Size shall be adequate for AC outdoor size & sufficient space around the outdoor suitable for servicing purpose for Outdoor unit.	no	2		
12	Supplying and laying of Extra Electrical interconnecting control cables from indoor to outdoor of size as specified by the manufacturer suitable for 2.0/ 3.0 TRCassette type AC. 4X2.25 SQMM	m	70		
13	Core cutting	m	10		
	<b>SUB-HEAD VII:- TOTAL AIRCONDITIONING</b>				