Tender No. HO/A&S/442/2024-25 **Dated. 12.09.2024**

ARYAVART BANK,
HEAD OFFICE, LUCKNOW, UTTAR PRADESH.

Inviting Tender for Electrical/Data cabling Work at Aryavart Bank, NBCC Commercial Complex, Gomti Nagar Extension, Lucknow

Last Date & time for Submission of Bid : 05.10.2024 (02.00 PM)

AT

Head Office A-2/46, Vijay Khand, Gomti Nagar, Lucknow-226010

Architects

Point Architects Pvt. Ltd.,
Ground Floor, Royal Court,
4/45, Wazir Hasan Road,
Lucknow – 226 001
Uttar Pradesh
Telephone No. - 0522 - 4073807

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1.0 NOTICE INVITING TENDER

Tender Reference number (RFP)	HO/A&S/442/2024-25 Dated 12.09.2024
Tender Fee	Rs. 5,000/- * (Non Refundable) in the form of Demand Draft or Pay order Payable to **Aryavart Bank,** Lucknow or Payment through NEFT at following A/c-999990200000034 IFSC-BKID0ARYAGB, Gomti Nagar Branch, Aryavart Bank Lucknow
Date of commencement of issue of Tender document	12.09.2024
Last date for receiving queries	24.09.2024 up to 02:00 PM
Pre-bid meeting at bank's Head Office at A-2/46, Vijay Khand, Gomti Nagar, Lucknow-226010	25.09.2024 at 03:00 PM
Earnest Money Deposit	Rs. 100000/- (Refundable) in the form of Demand Draft or Pay order Payable to **Aryavart Bank,** Lucknow or Payment through NEFT at following A/c-999990200000034 IFSC-BKID0ARYAGB, Gomti Nagar Branch, Aryavart Bank Lucknow
Last Date and Time for submission of bids	05.10.2024 up to 02.00 PM
Opening of Technical Bids	05.10.2024 at 03:30 PM at Bank's Head Office (subject to availability of Tender Committee members)
Place of Opening Technical Bid	**Aryavart Bank** **Head Office:** A-2/46, Vijay Khand, Gomti Nagar, Lucknow 226 010.
Address of Communication	As above
Contact Telephone Numbers	Phone :7388899765, 7017805214,9690347783
Email Id	ho.ans@aryavartbank-rrb.com
Website	www.aryavart-rrb.com
Architect	Point Architects Pvt. Ltd.,Ground Floor, Royal Court, 4 / 45, Wazir Hasan Road, Lucknow - 226 001.
Estimated Project Cost	Rs. 57,00,000.00

To -

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_____

_____

Dear Sir,

Subject – Electrical Works for Aryavart Bank at Head Office, Lucknow.

Item wise sealed tenders are invited in a two bid system for the above mentioned work for which tender document can be downloaded from the website of the bank at **www.aryavart-rrb.com**

Sealed bids in two envelop system (part A technical bid, part B financial bid) along with tender fee, earnest money deposit in the form of demand draft in favour of General Manager, Aryavart Bank, Lucknow, be submitted in a sealed cover & super scribed **TENDER FOR ELECTRICAL WORKS FOR ARYAVART BANK AT HEAD OFFICE, LUCKNOW.**

Tenders will be received on or before 05.10.2024 up to 02:00 PM and the technical bid shall be opened first to assess the technical soundness of the firm on 05.10.2024 at 03.30PM.

The financial bid will be opened for those firms only whose technical bid qualifies the technical evaluation criteria of the bank. Any tender received thereafter will not be accepted.

The General Manager, Aryavart Bank shall not be bound to accept the lowest bid & reserves the right to reject any or all the tenders without assigning any reason.
The tender shall be valid for a period of ninety days from the date of opening of tender.

(Seal & Signature of Aryavart Bank)

(Seal & Signature of contractor)

BASIC INFORMATION

1	Name of the Applicant / Organization			
	Address of the Registered Office (with phone numbers, e-mail ID & cell phone number)			
	Address of Office at Lucknow (with phone numbers, fax numbers & e-mail ID)			
2	Year of establishment			
3	Type of the organization (whether sole proprietorship, partnership, Private Ltd or Ltd. Co. etc.) (Enclose certified copies of documents as evidence)			
4	Name & qualification of the proprietor / partners / Directors of the organization / Firm a) b) c) (Enclose certified copies of documents as evidence)			
5	Details of registration – Whether Partnership firm, company, etc. Name of Registering Authority, Date and Registration number. (Enclose certified copies of documents as evidence)			
6	Whether registered with Government / Semi-Government / Municipal authorities of any other Public organization and if so, in which class and since when? (Enclose certified copies of documents as evidence)			
7	Details of registration with (Enclose certified copies of documents as evidence)	Year of Registration.	Class	Valid Up to
7A	Number of years of experience in the field and details of work in any other field			
8	Address of the office through which the proposed work of the Bank will be handled and the name & designation of Officer in Charge			
9	Yearly turnover of the organization during last 3 years (year-wise) and furnish audited balance sheet and Profit & Loss a/c (audited) for the last 3 years. CA certificate required.	1. 2021-22- 2. 2022-23- 3. 2023-24-		

10	Name & Address of Bankers	1. 2. 3.
11	Enclose copy of latest income tax clearance certificate	
12	PAN Number	
13	Details of registration for payment of service tax	
14	Detailed description and value of works done (Proforma 1) and works on hand (Proforma 2)	
15	Details of Key Personnel Permanently employed (Proforma 3)	
16	Other infrastructural information to be used / referred for this project (Proforma 4)	
17	Furnish the names of 3 (three) responsible persons along with their designation, address, telephone no. etc. for whose organization, you have completed the above mentioned jobs and who will be in a position to certify about the performance of your organization.	
18	Whether any Civil Suit / litigation arisen in contracts executed / being executed during the last 10 years. If yes, please furnish the name of the project, Bank, nature of work, contract value, work order and brief details of litigation. Give name of court, place, status of pending litigation.	Attach a separate sheet, if required.
19	Information relating to whether any litigation is pending before any Arbitrator for adjudication of any litigation or else any litigation was disposed off during the last ten years by an arbitrator. If so, the details of such litigation are required to be submitted.	

Signature & seal of the Applicant

2.0 INSTRUCTION TO BIDDERS

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2.1 SCOPE OF BID

2.1.1 The General Manager, Aryavart Bank, Lucknow, Uttar Pradesh invites bids for Electrical Works (as defined in these documents & referred to as "the works") detailed herewith.

2.1.2 The successful bidder will be expected to complete the work / s by the intended completion date & to the desired quality as specified in the contract data.

2.2 ELIGIBLE BIDDERS

2.2.1 The invitation to bid is open to all bidders within Union of India.

2.2.2 All bidders shall provide in section 3.0 forms of bid & qualification information, a statement that bidder is not associated, nor has been associated in the past, directly or indirectly, with the consultant or any other entity that has prepared the design, specifications & other documents for the project or being proposed by the Head Office Aryavart Bank, Lucknow or any of it's officers.

2.3 QUALIFICATION OF THE BIDDER

2.3.1 All bidders shall provide in the section 3.0 forms of bid & qualification information, a preliminary description of the proposed work method & schedule, including drawings & charts (as necessary).

2.3.2 All the bidders should submit the following documents with their bids -

(a) Proof of definition of the constitution or legal status, place of registration & principal place of business; written power of attorney of the signatory of the bid of commit the bidder.

(b) Total monetary value of construction work performed for each of the last five years.

(c) Experience in works of a similar nature & size for each of the last five years.

(d) Qualifications & experience of key site management & technical personnel proposed for the contract.

(e) Reports on the financial standing of the bidder, such as profit & loss statements & auditor's reports for the past five years.

(f) Evidence of adequacy of working capital for this contract.

(g) Information regarding any litigation, current or during the last five years, in which the bidder is involved, the parties concerned & disputed amount. (Including income tax, G.S.T. & service tax authorities).

(h) Proposals to subcontracting components of the works amounting to more than 10% of the contract price (if permitted & necessarily to be vetted by the architect).

(i) Income tax permanent account of the bidder.

(j) Income tax clearance certificate for the current financial year.

(k) G.S.T. Registration no.

(l) Any additional information as needed in the contract document.

2.3.3 Bids from joint ventures are not acceptable.

2.3.4 To qualify for award of the contract, each bidder in it's name should have following:

(a) **Requirement for Work Orders:** Experience of having successfully completed similar works during last **5 years** ending last day of month previous to the one in which applications are invited should be:

1. **Minimum Work Order Value:**
   - Bidders must submit work order not more than 6 in number (during lasy 5 year) related to electrical/data cabling work, with a combined value of Rs. 50.00 Lakh or more.
2. **Work Order Details:**
   - Each of the submitted work orders must pertain specifically to electrical/data cabling work for PSB/PSU/Government entity.
3. **Mixed Work Orders:**
   - If any work order includes additional types of work beyond electrical/data cabling work, the value attributed to electrical/data cabling work within that order should be proportionally calculated. For instance, if a work order includes both electrical/data cabling and other types of work, only the portion related to electrical/data cabling will counted towards the Rs. 50.00 Lakh requirement.

4. **Documentation:**
   - Bidders should provide clear documentation for each work order to demonstrate that the work performed meets the specified requirements and that the electrical/data cabling work can be distinctly identified and quantified.

** Similar work means electrical/data cabling work for PSB/PSU/Government entities.

(b) Annual average turnover of last three financial years (in all classes of electrical/data cabling work only) should be minimum **Rs. 200.0 Lakh & must be** supported by audited balance sheets along with CA Certificate of the same.

(c) Any additional condition as imposed in the tender document.

2.4 ONE BID PER BIDDER

2.4.1 Each bidder shall submit only one bid. A bidder who submits or participates in more than one bid (other than as a sub-contractor or in the case of alternatives that have been permitted or requested) will cause all the proposals with the bidder's participation to be disqualified.

2.5 COST OF BIDDING

2.5.1 Tender fee is Rs. 5000/-, the application without tender fee shall be summarily rejected.

2.5.2 The bidder shall bear all costs associated with the preparation & submission of his bid, & the Bank will in no case be responsible & liable for those costs.

2.6 SITE VISIT

2.6.1 The bidder, at his own risk, cost & responsibility is encouraged to visit & examine the site of works & its surroundings & obtain all information that may be necessary for preparing the bid & entering into a contract for work/s.

2.7 CLARIFICATION OF BIDDING DOCUMENTS

2.7.1 A prospective bidder requiring any clarification regarding the bidding document may notify the Bank in writing with in predefined time or by cable (hereinafter "cable" included telex, facsimile, e-mail, hybrid mail, telegram) at the Bank's address indicated in the invitation bid. The Bank will respond to any request for clarification which he receives earlier than 7 days prior to the deadline for the submission of bids. Copies of the Bank's response will be forwarded to all purchasers of the bidding documents, including a description of the enquiry but without identifying its source.

2.8 AMENDMENT TO BIDDING DOCUMENT

2.8.1 Before the deadline for the submission of the bid, the Bank may modify the bidding documents by issuing addenda in Bank's website, www.aryavart-rrb.com.

2.8.2 Any addendum thus issued shall be part of the bidding documents & shall be communicated in writing through Bank website or by cable to all purchasers of the bidding documents. Prospective bidders shall acknowledge receipt of each addendum by cable to the Bank. For this purpose it is mandatory for all prospective bidders to furnish a mob no. at the time of purchase of the document.

2.8.3 To give prospective bidders reasonable time in which to take an addendum into account in preparing their bids, the Bank shall extend as he thinks if necessary the deadline for submission of the bids. The discretion to do so & the time to be extended would be the privilege of the Bank.

2.9 ALL DOCUMENTS RELATING TO THE BID SHALL BE IN ENGLISH LANGUAGE ONLY.

2.10 BID PRICES

2.10.1 The contract will be for the whole work based on the priced bill of quantities submitted by the bidder.

2.10.2 The bidder shall fill in rates & prices for all items of the works described in the bill of quantities. Items for which no rate or price is entered by the bidder will not be paid for by the Bank when executed & shall be deemed covered by the other rates & prices in the bill of quantities. Corrections, if any, shall be made by crossing out, initialing, dating & rewriting.

2.10.3 All duties, taxes & other levies payable by the contractor under the contract or for any other cause shall be included in the rates, prices & total bid price submitted by the bidder.

2.10.4 The rates & prices quoted by the bidder shall be fixed for the duration of the contract & shall not be subject to adjustment on any account.

2.11 BID VALIDITY

2.11.1 Bids shall remain valid for a period not less than one hundred eighty days after the deadline date for the bid submission. A bid valid for shorter period shall be rejected by the Bank as non-responsive.

2.11.2 In exceptional circumstances, prior to expiry of the original time limit, the Bank may request that the bidders may extend the period of validity for a specified additional period. The request & the bidder's response shall be made in writing or by cable. A bidder may refuse the request without forfeiting his bid security. A bidder agreeing to the request will not be required or permitted to modify his bid except the validity period.

2.12 BID SECURITY (EARNEST MONEY)

2.12.1 As per section 1

2.12.2 No bank guarantees will be acceptable in lieu of the above.

2.12.3 The bid security of the unsuccessful bidders shall be returned within 28 days of the end of the bid validity period as specified in earlier section or earlier if the owner so desires.

2.12.4 No interest whatsoever shall be payable on the said bid security.

2.12.5 The bid security of the successful bidder shall be discharged after submission of Security Deposit which is Rs. 3.00 Lakh.

2.13 FORMAT & SIGNING OF BID

2.12.1 The original copy of the bid shall be typed or written in indelible ink & shall be signed by a person or persons duly authorized to sign on behalf of the bidder. All pages of the bid where entries or amendments have been made shall be initialed by the person / s signing the bid.

2.13.2 The bid shall contain no alterations, except those to comply with instructions issued by the Bank, or as necessary to correct errors made by the bidder, in which case such corrections shall be initialed by the person/s signing the bid.

2.14 SEALING & MARKING OF BIDS

2.14.1 The bidder shall seal the original bid in a non-transparent envelope duly marking it as original. This envelope shall be kept inside another envelope which shall be sealed & signed across the joints by the person / s authorized by the bidder.

2.14.2 The inner & outer envelope shall be addressed to the Bank at the following address:
General Manager,
Aryavart Bank, Head Office,
A-2/46, Vijay Khand, Gomti Nagar,
Lucknow.
Uttar Pradesh.

2.14.3 The top of the envelope shall have clearly written in block letter the following -
"BID FOR ELECTRICAL WORKS OF ARYAVART BANK, HEAD OFFICE, LUCKNOW."

2.14. The lower left hand corner of the envelope, the name & address of the bidder along with the telephone no. / s & fax. no./s should be inscribed.

2.14.5 If the outer envelope is not sealed & marked as in 2.14.1, the Bank will assume no responsibility for the misplacement or premature opening of the bid.

2.15 DEADLINE FOR SUBMISSION OF BIDS

2.15.1 Bids must be received by the Bank at the address specified above no later than 02.00 PM on **05.10.2024.**
In the event of the specified date for the submission of the bids is declared as a holiday by the Bank's organization, the bids will be received up to the appointed time on the next working day.

2.15.2 The Bank may extend the deadline for submission of bids by issuing an amendment in which case all rights & obligations of the Bank & the bidders previously subject to the original deadline will then be subject to the new deadline.

2.15.3 In case of the above, all those bidders whose names, addresses & mob nos. are in record with the Bank will be intimated by cable at least two days in advance of the proposed date of submission of the bid.

2.15.4 Those bidders who fail to register their name, addresses & mob no. with the Bank at the time of collection of the bid document shall have no right to 2.15.3 & cannot hold the Bank responsible for any damages whether direct or indirect.

2.16 LATE BIDS

2.16.1 Any bid received by the Bank after the deadline as prescribed earlier will be returned unopened to the bidder.

2.17 MODIFICATION & WITHDRAWAL OF BID

2.17.1 Bidders may modify or withdraw their bids by giving notice in writing before the deadline as prescribed in clause no.2.15

2.17.2 Each bidder's modification or withdrawal notice shall be prepared, sealed, marked & delivered in accordance with clause no.2.13 & 2.14 with the outer & inner envelopes additionally marked "MODIFICATION' or 'WITHDRAWL" as appropriate. No bids may be modified or withdrawn after the deadline for submission of bids.

2.17.3 Withdrawal or modification of the bid between the deadline for submission of bids & the expiration of the original validity period or extended as above will result in the forfeiture of the bid security.

2.18 BID OPENING

2.18.1 The Bank will open the bids, including the modifications in the presence on the bidders or their authorized representative / s who chose to attend at 3:30 PM on 05.10.2024 & place specified in the bid document. In the event of the specified date of the bid opening being declared a holiday by the Bank's organization, the bids will be opened at the appointed time & location on the next working day.

2.18.2 Envelopes marked withdrawal shall be opened & read out first.

2.18.3 The bidder's name, the bid price, the total amount of each bid & of any alternative bid (if alternatives have been requested & permitted), any discounts, bid modifications & withdrawals, the presence or absence of bid security & such other details as the Bank may consider appropriate, will be announced by the Bank at the opening. Any bid price, discount, or alternative bid price which is not read out & recorded at the bid opening will not be taken into account in bid evaluation.

2.19 PROCESS TO BE CONFIDENTIAL

2.19.1 Information regarding to the examination, clarification, evaluation & comparison of bids & recommendations for the award of a contract shall not be disclosed to bidders or any other persons not officially concerned with such process until the award to the successful bidder has been announced. Any effort by the bidder to influence the Bank's processing of bids or award decisions may result in the rejection of his bid.

2.20 CLARIFICATION OF BIDS

2.20.1 To assist in examination, evaluation & comparison of bids, the Bank may, at his discretion, ask any bidder for clarification of the bidder's bid, including breakdowns of unit rates. The request for clarifications & the response shall be in writing or by cable, but no change in the price of substance shall be sought, offered or permitted except as required to confirm the correction of arithmetic errors discovered by the Bank in the evaluation of the bids.

2.21 EXAMINATION OF BIDS & DETERMINATION OF RESPONSIVENESS

2.21.1 Prior to the detailed evaluation of bids, the Bank will determine whether each bid

(a) Meets the eligibility criteria defined in clause 2.2 & 2.3
(b) Has been properly signed
(c) Is accompanied with the required securities
(d) Is substantially responsive to the requirements of the bidding documents.

2.21.2 A substantially responsive bid is one which confirms to all terms, conditions & specifications of the building documents without material deviation or reservation. A material deviation or reservation is one:

(a) Which limits in any substantial way the scope, quality or performance of the works

(b) Which limits in any substantial way, inconsistent with the bidding document, the Bank's rights or the bidder's obligations under the contract

(c) Whose rectification would affect unfairly the competitive position of other bidders presenting substantially responsive bids.

2.21.3 If a bid is not substantially responsive, it will be rejected by the Bank, & may not subsequently be made responsive by correction or withdrawal of the non-confirming deviation or reservation.

2.22 CORRECTION OF ERRORS

2.22.1 Bids determined to be substantially responsive will be checked by the Bank for any arithmetic errors. Errors will be corrected by the Bank as follows -

(a) Where there is a discrepancy between the rates in figures & in words, the rate in words shall govern.

(b) Where there is a discrepancy between the unit rate & the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern.

2.22.2 The amount stated in the bid will be adjusted by the Bank in accordance with the above procedure for the correction of errors & with the concurrence of the bidder, shall be considered as binding upon the bidder. If the bidder does not accept the correction amount, the bid will be rejected & the bid security may be forfeited.

2.23 EVALUATION & COMPARISON OF BIDS

2.23.1 The Bank will evaluate & compare only bids determined to be substantially responsive in accordance with clause no. 2.21

2.23.2 In evaluating the bids, the Bank will determine for each bid the evaluated bid price by adjusting the bid price as follows:

(a) Making any correction for errors pursuant to clause no. 2.22

(b) Making appropriate adjustment for any other acceptable variations, deviations etc.

(c) Making appropriate adjustments to reflect discounts or other price modifications offered.

2.23.3 The Bank reserves the right to accept or reject any variation, deviation or alternative offer. Variations, deviations & alternative offers & other factors which are in excess of the requirements of the bidding documents or otherwise result in unsolicited benefits for the Bank shall not be taken into account in bid evaluation.

2.24 AWARD CRITERIA

2.24.1 Subject to clause 2.25, the Bank will award the contract to the bidder whose bid has been determined to be substantially responsive to the bidding documents & who has offered the lowest evaluated bid price. Provided that such bidder has been determined to be eligible in accordance with provisions of clause 2.2 & qualified in accordance with provisions of clause 2.3.It may be noted that having lowest bid is not the only criterion for award of the contract & does not guarantee the bidder of getting the contract.

Note: 1. In case of Tie between two or more bidder, bidder having highest turnover will get preference.

2. MSME bidders with valid certifications may receive preferences according to government guidelines

2.25 BANK'S RIGHT TO ACCEPT ANY BID & TO REJECT ANY OR ALL BIDS

2.25.1 Not withstanding clause 2.24, the Bank reserves the right to accept or reject any bid, & to cancel the bidding process & reject any or all bids at any time prior to award of contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds of the Bank's action.

2.26 NOTIFICATION OF AWARD & SIGNING OF AGREEMENT

2.26.1 The bidder whose bid has been accepted will be notified of the award by the Bank prior to expiration of the bid validity period by cable confirmed by registered letter. The letter (hereinafter & in the conditions of contract called the "letter of acceptance") will state the sum that the Bank will pay the contractor in consideration of the execution, completion & maintenance of the works by the contractor as prescribed by the contract (herein after called the 'contract price')

2.26.2 The notification of award will constitute the formation of the contract subject to submission of security deposit in the form of FDR in accordance with the provisions of clause 2.30.

2.26.3 The agreement will incorporate all agreements between the Bank & the successful bidder. It will be signed by the Bank & sent to the successful bidder within 28 days following the notification of award along with the letter of acceptance. Within 7 days of the receipt, the successful bidder will have to sign the agreement & deliver it to the Bank.

2.26.4 If the successful bidder fails to do so, the Bank will assume that the successful bidder is unwilling to execute the contract & the bid security of the successful bidder will be forfeited

.2.26.5 In case of 2.26.4, the Bank reserves the right to award the contract to the next lowest bidder (If CVC permits) provided he agrees to work on the same bid price as that of the successful bidder.

2.26.6 The owner may, at his own discretion, in the event of 2.26.4 happening call for fresh bids.

2.26.7 Upon the submission of the security deposit by the successful bidder, the Bank will promptly notify the other bidders that their bids have been unsuccessful.

2.27 DEFECTS LIABILITY PERIOD

2.27.1 Six months from the date of completion of work.

2.28 COMPENSATION FOR DELAY

2.28.1 Penalty for the delayed work / liquidated damages will be charged and payable @1% of the contract value per week up to a maximum of 5% of the contract value. In the event of the penalty charged exceeding 5% of the contract value, the Bank will be free to determine the contract after recovery of such charges from the security deposit and / or the retention amount. In case of any amount remaining outstanding, the same will be recoverable from any other works being carried out by you for the Bank or through appropriate legal action. In case of delays on the part of Bank, suitable extension of time will be granted but no other compensation will be paid for such delay.

2.29 ADVANCE PAYMENT

2.29.1 No advance payment whatsoever will be made to the successful bidder for mobilization or for any other reason/ s.

2.30 Security Deposit

2.30.1 Successful firm/bidder is required to submit the Demand Draft/FDR of Rs. 03.00 Lakh in favor of Aryavart Bank as Security Deposit before receipt of letter of intent.

3.0 FORMAT OF THE FORM FOR BIDDER (TO BE SUBMITTED AS COVERING WITH THE BID)

To -

General Manager,
Aryavart Bank, Head Office,
A-2/46, Vijay Khand, Gomti Nagar,
Lucknow.
Uttar Pradesh.

Subject - Tender for Electrical Works of Aryavart Bank at Head Office, Lucknow.

Sir,

1. I / we submit tender for execution of work as mentioned above as per the tender documents within the time schedule of completion of work for jobs, as separately signed & accepted by me / us, at the schedule of rates quoted by me / us for the whole work in accordance with notice inviting tender, instructions to the bidder, conditions of contract, important tender conditions, technical specifications, list of approved materials, bill of quantities, drawings as per all other details given in the tender document.

2. It has been explained to me / us that the time stipulated for jobs & completion of works in all respects & in different stages mentioned in the time schedule of completion of jobs & signed & accepted by me / us is the essence of the contract. I / we agree that in the case of failure on my / us part to strictly observe the time of completion mentioned for job / s on any of them to the completion of job/s, I / we shall pay compensation to the owner as per the provisions & stipulations contained in the tender document & I / we agree to recovery being made as specified therein. In exceptional circumstances, extension of time will not be counted for the extension of completion dates stipulated for the job & for the final completion of work as stipulated in the said "time of schedule" of completion of jobs.

3. I / we agree to pay the security deposit & accept the terms & conditions laid down below in this respect:

(a) Retention money : 5% of contract value will be deducted from each running / final bill of the contractor towards defects liability period.

(b) E.M.D. : We deposit herewith E.M.D. of Rs. (as specified) by D.D. _____ favoring General Manager, Aryavart Bank, payable at Lucknow.

4. Should this tender be accepted, I / we hereby agree to abide by & fulfill all terms & conditions to above & in default therefore, to forfeit & pay to the owner or its successors or it's authorized nominees such sums of money as are stipulated in conditions of contract.

5. If I / we fail to commence the work specified in the memorandum in para (2) above, or I / we fail to deposit the amount of security deposit specified in the memorandum in (3) above, I / we agree that the said owner or it's successor without prejudice to any other right or remedy be at liberty to forfeit the said security specified in (3) above. The said owner shall also be at liberty to cancel the notice of acceptance of tender in I / we fail to execute an agreement or to start work as stipulated in the tender documents.

Date.....Day of.....**2024**.

Name in block letters -

Address –

Yours faithfully,

Signature of tenderer / s with the seal of the firm

Name & designation of authorized person signing the tender on behalf of the tenderer / s -

4.0 CONDITIONS OF CONTRACT

4.1 DEFINITIONS
4.2 BANK'S RISK
4.3 CONTRACTOR'S RISK
4.4 INSURANCE
4.5 SAFETY
4.6 POSSESSION OF THE SITE
4.7 SAMPLES & SHOP DRAWINGS
4.8 TIME OF COMPLETION
4.9 WATER & ELECTRICITY
4.10 VIRTUAL COMPLETION
4.11 VARIATIONS
4.12 TYPE OF CONTRACT
4.13 SCHEDULE OF QUANTITIES & VARIATIONS
4.14 LICENSE & PERMITS
4.15 TAXES
4.16 DELAYS
4.17 COMPENSATION FOR DELAY
4.18 LABOUR REGULATIONS
4.19 SECURITY
4.20 ESCALATION OF MATERIALS COST
4.21 EXTRAS & VARIATIONS
4.22 WITHHOLDING OF PAYMENTS
4.23 CORRECTION OF WORK BEFORE VIRTUAL COMPLETION OF WORK
4.24 DEFECTS
4.25 METHODS OF MEASUREMENT
4.26 DISMISSAL OF CONTRACTOR'S EMPLOYEES
4.27 TERMINATION OF THE CONTRACT BY THE OWNER
4.28 JURISDICTION
4.29 TESTS & CERTIFICATES
4.30 CLEANING THE SITE
4.31 OPERATIONAL CONSTRAIN

4.1 DEFINITIONS

4.1.1 Bill of quantities means the prices & complete bill of quantities forming part of the bid.

4.1.2 The contract is the contract between the Bank & the contractor to execute, complete & maintain the works.

4.1.3 The contractor is a person or corporate body whose bid to carry out work has been accepted by the Bank.

4.1.4 The contract data defines the documents & other information which comprise the contract.

4.1.5 The contractor's bid is the completed bidding document submitted by the contractor to the Bank.

4.1.6 The contract price is the price stated in the letter of acceptance & thereafter as adjusted in accordance with the provisions of the contract.

4.1.7 Days are calendar days & months are calendar months.

4.1.8 The defects liability period is the period named in the contract data & calculated from the completion date.

4.1.9 The Bank is the party who will employ the contractor to carry out the works. In this case it will be -

The General Manager,
Aryavart Bank, Head Office,
A-2/46, Vijay Khand, Gomti Nagar,
Lucknow.
Uttar Pradesh.

4.1.10 The Engineer,/ Architect is the person named in the contract data or any other competent person appointed & notified to the contractor to act as replacement to the engineer / architect) who is responsible for supervising the contractor, administering the contract, certifying payments due to the contractor, issuing & valuing variations to contract, awarding extensions of time (if permissible) & valuing the compensation events (if permitted). In this case the Engineer / Architect will be -

Point Architects Pvt. Ltd.,
Ground Floor, Royal Court,
4 / 45, Wazir Hasan Road,
Lucknow – 226 001.

4.1.11 Equipment is the contractor's machinery & vehicles brought temporarily to the site to construct works.

4.1.12 The initial contract price is the contract price listed in the Bank's letter of acceptance.

4.1.13 The intended completion date is the date on which it is intended that the contractor shall complete the works. The intended completion date is specified in the contract data. The intended completion date may be revised only by the engineer in consultation with the owner by issuing an extension of time.

4.1.14 Materials are all supplies, including consumables, used by the contractor for incorporation in the works.

4.1.15 The site is the area defined as such in the contract data which shall be:
NBCC Complex Gomti Nagar Extension, Aryavart Bank Head Office, Lucknow.

4.1.16 Specification means the specification of the works included in the contract & any modification or addition made or approved by engineer / architect.

4.1.17 The start date is given in the contract data, it is the date when the contractor shall commence execution of the works. It does not necessarily coincide with any of the site possession data.

4.1.18 Temporary works are works designed, constructed, installed & removed by contractor which are needed for construction or installation of the works.

4.1.19 A variation is an instruction given by the engineer/architect which varies the work.

4.2 BANK`S RISK

4.2.1 The Bank is responsible for the accepted risks which are -

(a) In so far as they directly affect the execution of the work in the Bank's country, the risk of war, hostilities, acts of terrorism, riot, commotion of disorder(unless restricted to the contractor's employees).

(b) A cause due solely to the design of the works, other than the contractor's design.

4.3 CONTRACTOR'S RISK

All risks of loss of or damage to physical property & of personal injury & death which arise during & in consequence of the performance of the contract other than the accepted risks are the responsibility of the contractor.

4.4 INSURANCE

Before commencing the execution of works, the contractor without limiting his obligations & responsibilities under this contract, shall ensure against his liability for any loss or injury which may occur to any person including any employee of the owner or a member of the general public, by or arising out of the execution of the work or in carrying out of the contract. Unless otherwise stipulated elsewhere in this contract, it shall be obligatory for the contractor to obtain the insurance cover under the following policy -

(a) Contractor's all risks insurance policy to cover the following:

(b) Policy to cover contractor's liability under workmen's compensation act 1923, minimum wages act 1948, contract labour (regulation & abolition act 1970 & other relevant acts listed elsewhere). This shall be for the period of compensation period.

The contractor shall insure against all such liabilities & shall continue such insurance during the whole of the time when any person employed by him is on the works. Premium for all insurance policies shall be paid by the contractor & shall not be reimbursable.

4.5 SAFETY

The contractor shall be responsible for the safety of all activities/personnel on the site.

4.5 DISCOVERIES

Anything of historical or other interest of significant value unexpectedly discovered on the site is the property of the Bank. The contractor is to notify the engineer of such discoveries & carry out the engineer's instructions for dealing with them.

4.6 POSSESSION OF THE SITE

The Bank shall give possession of all parts of the site to the contractor. If possessions of a part are not given by the date stated in the contract data, the Bank is deemed to have delayed the start of the relevant activities.

4.7 SAMPLES & SHOP DRAWINGS

After the award of the contract, the contractor shall furnish for the approval of the architect, samples & shop drawings (where appropriate) for all materials, finishes & work listed elsewhere in these conditions.

4.8 TIME OF COMPLETION

The work shall be completed in all respects within **45 days** (including holidays & Sundays) from the date of award of work inclusive of mobilization period.

4.9 WATER & ELECTRICITY

These shall be arranged by the owner at one or more convenient point/s. Necessary extensions of these supplies will have to be got executed by the contractor at his own cost.

4.10 VIRTUAL COMPLETION

Virtual completion certificate shall mean the certificate / s to be issued by the architect when the "works" according to the architect have been completed in every respect in conformity with the contract documents & are ready & fit for occupation / commissioning.

4.11 VARIATIONS

The owner reserves the right to increase, decrease or delete the scope of work or any or all items, subject to limitation laid down. The contractor shall have no claim for loss of anticipated profits or for any other reason whatsoever on account of these variations.

4.12 TYPE OF CONTRACT

The contract shall be an item rate contract. The contractor shall be paid at the contract rates, for the actual quantity of the work carried out by him as measured, in accordance with the contract documents.

4.13 SCHEDULE OF QUANTITIES & VARIATIONS

The quantities given in the schedule of quantities are provisional & are meant to indicate the intent of work & provide a uniform basis for tendering. The contractor shall be paid for the actual quantity of work executed by him in accordance with the right to increase or decrease any of the quantities or totally omit any items of work & the contractor shall not claim any extra or damages on these grounds subject to the condition that the overall contract amount is not varied by more than +- 50%.overall contract amount, for the purpose of variation shall not take into account the additions to the total amount because of escalation of price materials, labour, etc. Any error in description or in quantity or omission of item in the schedule of quantities shall not vitiate this contract but shall be deemed to be a variation required by the architect.

4.14 LICENSE & PERMITS

License & permits for all materials under the govt. control shall be obtained by the contractor directly. The contractor shall include in his tender all transport charges & other expenses that may be incurred in this connection.

4.15 TAXES

The rates quoted by the contractor for each item shall be inclusive of all taxes, such as sales tax both central & state), trade tax, income tax, turnover tax, works contract tax, excise duty, octroi etc. complete on all materials & equipment forming part of the work.

4.16 DELAYS

Should the contractor be delayed or impeded in the execution of works by reason of:

(a) Force mejure.
(b) By the works or delays of other contractors or tradesman, engaged or nominated by the owner & not referred to in the contract document.
(c) The non-delivery or delay in the delivery to the contractor of any materials & equipment which under the contract the owner or the architect; or
(d) Any cause, whatever arising out of the acts of defaults of the owner or the architect; or
(e) Any accident happening to the works during the progress not arising from negligence, default of the contractor or his workmen or subcontractor; or
(f) Extras or variations being ordered by the architect; or
(g) Any other cause which is in the opinion of the architect has caused delay, the contractor may from time to time within 14 working days of the happenings of any of the aforesaid, writing to the architect for an extension of time on account thereof, setting forth the cause of such delays.

The architect / owner shall, if he thinks the cause sufficient but not otherwise, by writing within 14 working days extend the time of completion of the works for such periods as he shall think adequate.

Unless the contractor shall ask for any extension of time within the period & the manner aforesaid,* unless & until the architect / owner shall extend the time aforesaid, the contractor shall not by reason of any delay arising from cause aforesaid, be relieved in any way or to any extent from his obligation to proceed with, execute & complete the works within the time specified in the contract for the completion of the work.

4.17 COMPENSATION FOR DELAY

The contractor shall not be entitled to any compensation for any loss suffered by him on account of delays in commencing or executing the work whatever the cause of delays arising out of modification of the work entrusted to him or in any sub contracts connected therewith or delays in contracts for other trades of the project or in commencement of completion of such works.

4.18 LABOUR REGULATIONS

The contractor shall be wholly & solely responsible for full compliance with the provisions under all labour laws of the Union of India &/or regulations such as payment of wages act 1936, minimum wages act 1948 & it's subsequent amendment/s.

4.19 SECURITY

It will be responsibility of the contractor only.

4.20 ESCALATION OF MATERIAL'S COST

It is a fixed rate contract, no escalation either on materials or labour whatsoever shall be paid under any circumstances.

4.21 EXTRAS & VARIATIONS

If, at any time while the works are in progress, the architect deems it necessary to order materials or work of a different description from what was originally specified, the architect has full authority to direct any such variations or additions. The contractor must execute any work involved in these variations or additions if it falls within the class of work covered by the contract documents. The time for completion may be extended as needed. Payment for these additions or variations will be made or deducted from the contractor's account according to the rates specified in the schedule of quantities.

The rates for such additional altered or substituted work under this clause shall be worked out in accordance with the following provisions in their respective order -

(a) If the rates for the additional, altered or substituted work specified in the contract for the work, the contractor is bound to carry out the additional, altered or substituted work at the same rate as specified in the contract for work.

(b) If the rates for the additional, altered or substituted work are not specifically provided in the contract for the work, then such rates will be derived from the rates for a similar class of work as specified in the contract for work.

(c) If the altered, additional or substituted work cannot be derived from similar class of work as laid down in (b) above, then the rates for such items of work shall be completed on the basis of the analysis of rates as provided in all schedule of rates 1977-III standard analysis of rates (volume I & 2) published by national building organization, New Delhi.

But if the contractor & architect cannot agree as to the rate to be paid, the architect may order & direct the same to be done by such person/s as he may think fit & such person/s shall be permitted by the contractor to enter upon the works for the purpose of carrying out such work/s as is required.

4.22 WITHHOLDING OF PAYMENTS

The architect may withhold or on account of subsequently discovered evidence, nullify the whole or a part of any certificate to such extent as may be necessary to protect, the owner from loss on account of -

(a) Defective work not remedied.

(b) Failure of the contractor to make payments to sub-contractors (if permitted) for materials or labour or equipment's.

(c) A reasonable doubt that the contract can be completed for the balance unpaid amount. Damage of works of another contractor or sub-contractor.

4.23 CORRECTION OF WORK BEFORE VIRTUAL COMPLETION OF WORK

The architect shall conduct a final inspection just prior to the virtual completion of the work & prepare a list of materials, equipment & items of work which fail to confirm to the contract specifications. The contractor shall promptly replace & re execute such items in accordance with the contract & shall bear all expenses of making good all work & the cost work of other contractors destroyed or damages by such replacement or removal. If the contractor fails to remove & replace above, rejected materials, equipment & or workmanship within a reasonable time, fixed by written notice, the owner may employ any other persons to amend & make good such defects at the expense to the contractor.

All expenses incurred by the owner in consequent on the defects shall be recoverable from any amount due or that may become due to the contractor.

4.24 VIRTUAL COMPLETION

The work shall be considered to be virtually complete only upon fulfillment of the procedure laid down in clause above & when the architect has certified in writing that the work has been virtually completed. The defects liability period shall commence from the date of the certificate.
Should the owner decide to occupy any portion/s of the building or use any part of any equipment, before the contract is completed, same shall not constitute as acceptance of any part of the work unless so stated in writing by the architect.

4.25 DEFECTS

4.25.1 The contractor shall make good, at his own cost & to the satisfaction of the architect from work of materials not being in confirmation of the drawings or specifications or schedule of quantities or the specifications of the architect, which may appear within six months after completion of work.

4.25.2 Any defects noticed & brought to the attention of the contractor shall be promptly attended to by the contractor expeditiously.

4.25.3 After the contract is signed, the contractor will be furnished with two copies of the drawings & two copies each of conditions & contract, specifications & schedule of quantities without cost to him for his own use until the completion of the contract. Additional copies of the drawings & other documents will be supplied on payment to the architect at actual cost.
In general, the drawings shall indicate dimensions, position & type of construction; the specification shall indicate the quantity & rate for each item of work. However the above documents being complementary, what is called for by any one shall be binding as if called for by all. In case of any discrepancies in or among the documents, the most stringent of all shall apply. No deviations from the drawings, specifications & schedule of quantities shall be made. The architect's interpretation of these documents shall be final & without appeal.

4.26 METHODS OF MEASUREMENT

For measuring of work, the standard method of measurement in accordance with the standards laid down by the BIS shall be adopted unless otherwise specified. In the event of any dispute with regard at the mode of measurement of the work executed, the decision of the architect shall be final & binding.

4.27 DISMISSAL OF CONTRACTOR'S EMPLOYEES

The contractor shall on request of the architect immediately dismiss from the works of any person/ s employed thereon by him who may, in the opinion of the architect be incompetent misconduct's himself & such person shall not be re-employed on the works without the permission of the architect.

4.28 TERMINATION OF THE CONTRACT BY THE OWNER

If the contractor should persistently or repeatedly refuse to carry on the work diligently or shall fail except in case for which extension of time is provided, to supply enough properly skilled manpower or proper materials or equipment for the progress of work, or if he should fail to make prompt payments to sub-contractors (if permitted) or for materials or equipment / s or labour or persistently disregard laws, ordinances or instructions of the architect or otherwise be guilty of a violation of any provision of the contract, or has abandoned the contract, or has failed to commence the works, or has suspended the works, then the owner upon the certificate of the architect that sufficient cause exists to justify such action say without prejudice to any other right or remedy & after giving the contractor seven days' notice in writing, terminate the employment of the contractor & take possession of the premises of all materials, equipment/s, T&P thereon & use these as owners property for the completion of the work. In such case, the contractor shall not be entitled to receive any further payment until the work is finished.

4.29 JURISDICTION

All matters arising out of or in way connected with this agreement shall be deemed to have arisen at Lucknow (Uttar Pradesh) & shall have jurisdiction to determine the same.

4.30 TESTS & CERTIFICATES

The contractor shall be & remain liable at his own cost to conduct all tests at all relevant times during supply, erection & installation of any works, structures, materials & components as shall be required in terms of the contract document. On testing if the architect is not satisfied by the quality of workmanship of any structure, material or component, the contractor shall re perform as per the specifications?

4.31 CLEANING THE SITE

The contractor shall be responsible for removing malba from the site to place permitted by the municipal authorities every 48 hours & cleaning the site regularly. Cost of removal of malba, transportation, loading, unloading etc. (up to any lead) shall be included in the cost of the relevant item of construction.

4.32 OPERATIONAL CONSTRAIN

This is a relocation branch & the space is freely available during period of execution.

5.0 IMPORTANT TENDER CONDITIONS (over riding any other condition laid down earlier)

1	Possession of Site	Immediate
2	Time of Completion	45 days from the date of handing over the site
3	Payment Schedule	No advance payment will be made. Only one interim payment can be made on running bills before the final bill. The interim payment may be processed after the completion of 60% of the work.
4	Retention Money	5% (five percent only) of the value of the interim bills.
5	Period for Submitting Final Bills	Within 30 days of virtual completion of work.
6	Release of Retention Money	(a) 0% of the retention amount within 15 days of virtual completion. (b) Balance after 6 months from the date of virtual completion certificate and after discharge of defects liability.
7	Defects Liability	6 months from the date of completion.
8	Estimated Cost of Work	As per Section 1.
9	Income Tax & Other Taxes	Will be deducted as per the prevailing income tax, works contract tax, etc. laws.
10	Rates	Rates are inclusive of all taxes such as sales tax (state & central), trade tax, works contract tax, etc., except G.S.T. & state development tax, if asked for in the quotation. The contractor is expected to fill up the rate/amount of taxes in their bid, specifically in the given location. It should not be stated ambiguously as "taxes extra" at the end of the total tendered amount. The bank shall not be liable to pay any tax that is not specifically quoted or is ambiguous.

6.0 TECHNICAL SPECIFICATIONS

6.1 MATERIALS

6.1.1 Quality

All materials used in the works shall be of their respective kinds as specified herein, obtained from sources & suppliers as approved by the architects & shall comply strictly with the tests prescribed hereafter, or where tests are not laid down in the specifications, with the requirements of the latest issue of the relevant Indian standard.

6.1.2 Sampling & testing

All materials used in the works shall be subject to inspection & test in addition to test certificate of all materials proposed to be incorporated in permanent works shall be submitted to the architect for approval before they are brought to the site.

6.1.3 Rejection

Any materials that have been not found to confirm to the specifications will be rejected forthwith & shall be removed from the site by the contractor at his own cost.

The architect shall have power to cause the contractors to purchase & use such material / s from any particular source / s as may in his opinion be necessary for the proper execution of the work.

6.2 WORKMANSHIP

All works shall be true to level, plumb & square & the corners, edges, etc. in all cases shall be unbroken & net.

Distempering, POP / Painting / Polishing shall be provided in accordance with CPWD specifications 1977 & relevant standards as applicable to this work. Painting with plastic emulsion paint (if required) shall be as per CPWD specifications 1977 & IS 5411-1969. Paint shall be of approved manufacturer & brand.

All timber shall be treated with preservatives before delivery to site. While remaining in proper wrapping, timber shall be protected from extremes of temperature & direct sunlight. Timber shall be soft wood or hardwood as suitable for the purpose for which it is intended. It shall be seasoned, free of defects which would affect strength or usability & shall be flat, non splitting & dressed on all sides. All glue, laminate, ply, board shall be as per the relevant IS codes. Where ever teak is specified it shall be 1st. Class C.P. Teak. All aluminium work prelaminated particle board work & glass work will be as per the relevant IS codes & their latest amendments.

6.3 FINISH

Finishes shall be fully in accordance with the drawings & schedules and / or as per the directions of the architect.

6.4 SAMPLES

A sample of every item to be incorporated shall be submitted for approval of the architect before placing the order. Approved samples shall be used as standards of finish & workmanship.

6.5 GENERAL TECHNICAL DETAILS

6.5.1 Checknuts shall be used for holding conduits in place in all junction boxes & switch boxes & edges of all conduits shall be filed properly to avoid damage of wires.

6.5.2 Wiring for items shall be completed & required to operate a totally functional & working system. No extra claim on this account will be allowed.

6.5.3 All PVC conduits shall be 20 / 25mm dia. (2m.m. wall thickness unless otherwise specified)

6.5.4 Maximum wires to be drawn in PVC conduits shall be as per specifications.

6.5.5 PVC bushes shall be used for PVC conduit.

6.5.6 All switch boxes, junction boxes & GI outlet boxes shall be of 18swg.

6.5.7 Wires carrying current shall be so bunched in the conduit that the outgoing & return cables are drawn in the same conduit. Cables originating from two different phases shall not be run in the same conduit.

6.5.8 All wires of 3/22, 3/20, 7/22, 7/20 shall be of copper as per specifications.

6.5.9 All light fixtures / fans to be of approved make.

6.5.10 Mains & sub mains where called for shall be of the rated capacity & approved make. Every main & sub main shall be drawn into an independent adequately sized conduit. Adequate size of draw boxes shall be provided at convenient locations to facilitate easy drawing of the sub mains & main cables.

An independent earth wire of proper rating shall be provided for every single phase sub main. The earth wires shall be fixed to conduits by means of suitable copper clips at not more than 1000m.m. distance. Where mains & sub mains are connected to the switchgear, sufficient extra lengths of sub main & mains cable shall be provided to facilitate easy connections & maintenance.

6.5.11 Balancing of circuits in three phase installation shall be planned before the commencement of wiring & shall be strictly adhered to.

6.5.12 A circuit diagram for all wiring shall be provided for before the commencement of the works by the contractor to the architect & shall be adhered to for all execution & confirmed to the architect after the successful completion of works.

6.6 POINT WIRING

All wiring to be concealed and not on surface. Colour code shall be maintained for the entire wiring Red, Yellow, Blue for three phases and Black for neutral. The rates for all point wiring items shall include -

a. Conduits, conduit specials, bushes & other fittings called for.
b. MS outlet boxes & junction boxes.
c. Painting of all inspection, junction & outlet boxes.
d. Wiring in copper as specified.
e. Any PVC / metallic flexible conduit where ever applicable shall be deemed to have been included in the rates mentioned by the contractor.
f. All screws & other fixing accessories shall be deemed to have been included in the rates mentioned by the contractor.

6.7 SWITCHES & SOCKET OUTLETS

Light switches shall comply with IS 3854-1966 & IS 5987-1970 these shall be rated 5A or 15A whichever is applicable & shall be one way two way or intermediate as detailed or as per the directions of the architect. All switches shall be the type suitable for the nature of supply to which they are to be connected. The mounting height to the bottom of the outlet box shall be 3'-6" unless other wise specified & where the structure & furnishing permits, the distance from the edge of the door to the near edge of the switch shall be 9".

6.8 MAIN DISTRIBUTION BOARDS & SUB DISTRIBUTION BOARDS

Main distribution boards, sub distribution boards shall be suitable for operation on 3 phase / single phase 415 / 230Volts, 50 cycles neutral.

Distribution boards shall comply with latest relevant Indian standards & electricity rules & regulations

APPROVED MAKES FOR ELECTRICAL WORKS.

ELECTRICAL WORKS –

S.No.	Material	Brand/Quality
1	Panel (fabricated)	MDS / L&T / Siemens
2	Kit Kat	Havell's / Anchor
3	Distribution Boards	L&T Hager / MDS / Siemens / Honeywell
4	MCB, MCCB, ELCB, RCCB, Isolators	L&T Hager / MDS / Siemens
5	Contractors, O/L relay & HRC fuses	S&S (Protec) / MDS / Havell's
6	Indicating lamps & Push Buttons	L&T Hager / Siemens
7	Amp./Volt. Meters	L&T Hager
8	Changeover/Selector (Rotary) switches	L&T Hager / HPL
9	CT's	L&T Hager / Kappa
10	Terminal blocks	Havell's / Connectwell / Technology / Eknic
11	Wires (Copper/Aluminium)	Finolex / Polycab / Skyline / Bonton
12	M.S. conduit	BEC / Steel Kraft / AKG
13	P.V.C. conduit	BEC / AKG / Diplast / Cap
14	Switches & sockets	Philips / MK India / North West / Simon / Honeywell
15	Lighting fixtures & Luminaries	Philips / GE / C&S Electric Ltd.
16	Ceiling fans	Crompton Greaves / GEC
17	Exhaust fans	Crompton Greaves / GEC
18	Cables	Finolex / Bonton
19	GI pipes	BST / Jindal

TELEPHONE, INTERCOM & LAN SYSTEM

S.No.	Material	Brand/Quality
1	Telephone Wires (Copper/Aluminium)	Finolex / Polycab / Bonton
2	M.S. conduit	BEC / Steel Kraft / AKG
3	P.V.C. conduit	BEC / AKG / Diplast / Cap
4	Switches & sockets	Honeywell / MK India / North West
5	TAJ Block	Krone
6	Key Telephone System	Samsung
7	Telephone Hand Set	Tata / Betel
8	Batteries	Exide

Air Conditioning:

S.No.	Material	Brand/Quality
1	Wires (Copper/Aluminium)	Finolex / Polycab / Bonton

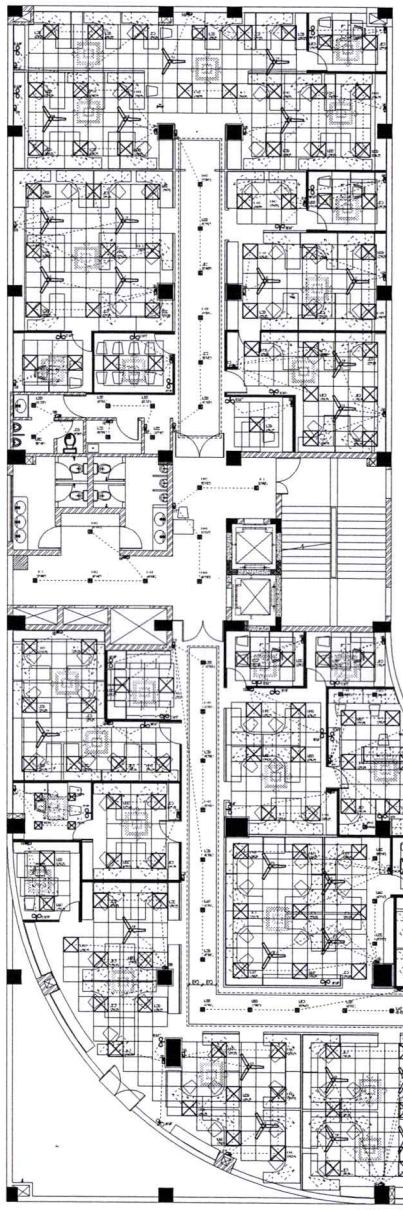
2	M.S. conduit	BEC / Steel Kraft / AKG
3	P.V.C. conduit	BEC / AKG / Diplast / Cap
4	Switches & sockets	Honeywell / MK India / North West
5	A/C box	L&T Hager / MDS / Siemens / Honeywell

SCHEDULE OF TENDER DRAWINGS FOR ELECTRICAL WORKS

S.NO.	DRAWING NO.	TITLE OF DRAWING
1.	01	ELECTRICAL LAYOUT PLAN

- Any clarification (in writing) whatsoever shall be sought from the Architect, minimum two (2) days before the tender submission date.

(P. V. Sahai)
Chief Manager



LEGEND: (S.F.)				
S.NO.	TYPE	SYMBOL	PARTICULARS	QTY.
1-	LED		SQUARE LIGHT (2'x2')	144
2-	LED		SQUARE LIGHT (4'x4')	00
3-	LED		SQUARE LIGHT (6'x6')	68
4-	LED		SQUARE LIGHT (1'x1')	23
5-	TL		TUBE LIGHT (LED)	00
6-	CF		CEILING FAN (1200 mm dia.) CEILING FAN (900 mm dia.)	29 00
7-	WMF		WALL MOUNTED FAN	40
9-	EF		EXHAUST FAN	07
10-	SB		SWITCH BOARD & 5 AMP. SWITCH & SOCKET MODEL -	64
11-	CB		CALL BELL	03
12-	B.L.		BRACKET LIGHT LED	00

SECOND FLOOR PLAN

PROJECT : PROPOSED FURNISHING & ELECTRICAL WORKS	DRAWING TITLE PROPOSED ELECTRICAL LAYOUT PLAN		ARCHITECTS- POINT ARCHITECTS PVT. LTD.
BANK : ARYAVART BANK	DEALT BY ATIF	DATE AUG '24	SCALE
OFFICE : HEAD OFFICE	DRAWING NO. 06	JOB NO.	GROUND FLOOR, ROYAL COURT, 4 / 45, WAZIR HASAN ROAD, LUCKNOW.
ZONE : LUCKNOW			PH.NO. 0522-4073807

LEGEND: (T. F.)

S.NO.	TYPE	SYMBOL	PARTICULARS	QTY.
1-	LED		SQUARE LIGHT (2'x2')	85
2-	LED		SQUARE LIGHT (4'x4')	35
3-	LED		SQUARE LIGHT (6'x6')	56
4-	LED		SQUARE LIGHT (1'x1')	36
5-	TL		TUBE LIGHT (LED)	00
6-	CF		CEILING FAN (1200 mm dia.) CEILING FAN (900 mm dia.)	29 00
7-	WMF		WALL MOUNTED FAN	20
9-	EF		EXHAUST FAN	08
10-	SB		SWITCH BOARD & 5 AMP. SWITCH & SOCKET MODEL -	48
11-	CB		CALL BELL	03
12-	B.L.		BRACKET LIGHT LED	00

THIRD FLOOR PLAN

PROJECT : PROPOSED FURNISHING & ELECTRICAL WORKS

BANK : ARYAVART BANK

OFFICE : HEAD OFFICE

ZONE : LUCKNOW

DRAWING TITLE
PROPOSED ELECTRICAL LAYOUT PLAN

DEALT BY	DATE	SCALE
ATIF	AUG '24	

DRAWING NO.	JOB NO.
06	

ARCHITECTS-
POINT ARCHITECTS PVT. LTD.
GROUND FLOOR, ROYAL COURT,
4 / 45, WAZIR HASAN ROAD,
LUCKNOW.
PH.NO. 0522-4073807

ARYAVART BANK,
HEAD OFFICE, LUCKNOW, UTTAR PRADESH.

Financial Bid (Bill of Quantity)

Architects

Point Architects Pvt. Ltd.,
Ground Floor, Royal Court,
4/45, Wazir Hasan Road,
Lucknow – 226 001
Uttar Pradesh
Telephone No. - 0522 - 4073807

PROJECT - BILL OF QUANTITIES FOR ELECTRICAL WORKS.
BANK - ARYAVART BANK
OFFICE - HEAD OFFICE
REGION - LUCKNOW

Sl. No	Description	QTY	Unit	Rate	Amount
I	**MAIN LT PANEL /DBs**				
1.1	Supply and installation of main LT panel, wall mounted front operated totally enclosed vermin proof, indoor non-drawout-cubicle type power panel fabricated out of 2mm thk CRCA sheet having gasketed hinged cover on each cubicle fully powder coated after 7 Tank treatment, incorporating horizontal and vertical sleeved copper busbars, complete with all internal wiring, danger board, 2 earthing legs, cable chamber etc as required, housing below mentioned switch gears / meter (GA drawing of the panel got to be approved by Bank / Architect)				
a	1No.,320 A,FP, Changeover Switch + 1 no. , 320A,TP, MCCB with ELR(0-3A) and CBCT as Incomer				
b	10 nos. 63A & 10 nos. 100A, TPN, MCB outgoing				
c	1 no., 0-400A, Ammeter with CTand selector switch				
d	1no., 0-500V, Voltmeter with selector switch and fuse				
e	1Set, TPN, Copper busbars of size 35mm x 5mm thk PVC insulated suitable for 250 Amp load				
f	1 Set, RYB, indicating lamps with resistors and fuses				
	Full Set as above	1.0	Set		
1.2	Supply and installation of main LT panel, wall mounted front operated totally enclosed vermin proof, indoor non-drawout-cubicle type power panel fabricated out of 2mm thick CRCA sheet having gasketed hinged cover on each cubicle fully powder coated after 7 Tank treatment, incorporating horizontal and vertical sleeved copper busbars, complete with all internal wiring, danger board, 2 earthing legs, cable chamber etc as required, housing below mentioned switch gears / meter (GA drawing of the panel got to be approved by Bank / Architect)				
a	1No.,200A,FP, Changeover Switch + 1 no., 200A,TP, MCCB with ELR(0-3A) and CBCT as Incomer				
b	2 nos. 40A & 6 nos. 63A, TPN, MCB outgoing				
c	1 no., 0-200A, Ammeter with CTand selector switch				
d	1no., 0-500V, Voltmeter with selector switch and fuse				
e	1 Set, TPN, Copper busbars of size 35mm x 5mm thick PVC insulated suitable for 250 Amp load				
f	1 Set, RYB, indicating lamps with resistors and fuses				
	Full Set as above	1.0	Set		
1.3	Supply and installation of main LT panel, wall mounted front operated totally enclosed vermin proof, indoor non-drawout-cubicle type power panel fabricated out of 2mm thick CRCA sheet having gasketed hinged cover on each cubicle fully powder coated after 7 Tank treatment, incorporating horizontal and vertical sleeved copper busbars, complete with all internal wiring, danger board, 2 earthing legs, cable chamber etc as required, housing below mentioned switch gears / meter (GA drawing of the panel got to be approved by Bank / Architect)				
a	1No.,160A,FP, Changeover Switch + 1 no., 160A,TP, MCCB with ELR(0-3A) and CBCT as Incomer				
b	2 nos. 40A & 4 nos. 63A, TPN, MCB outgoing				
c	1 no., 0-200A, Ammeter with CTand selector switch				
d	1no., 0-500V, Voltmeter with selector switch and fuse				
e	1Set, TPN, Copper busbars of size 25mm x 5mm thick PVC insulated suitable for 200 Amp load				
f	1 Set, RYB, indicating lamps with resistors and fuses				
2.1	Suply and installation of 4 way, TPN 'MCB type Distribution Board(double door) flush mounted on wall, sheet metal fabricated, powder coated, having dust-proof and vermin 'proof, gasketed and hinged door with all internals such as DIN rails, neutral-link, interconnected wiring, complete with earthing legs, housing following switch gears (Double door HORIZONTAL DB)				
a	1 no., 40A, TPN, ELCB (100mA) incomer				
b	12 nos, 16A, SP, MCB outgoing				
	Full Set as above	6.0	Sets		
2.2	Suply and installation of 6 way, TP&N 'MCB type Distribution Board(double door) flush mounted on wall, sheet metal fabricated, powder coated, having dust-proof and vermin 'proof, gasketed and hinged door with all internals such as DIN rails, neutral-link, interconnected wiring, complete with earthing legs, housing following switch gears (Double door HORIZONTAL DB)				
a	1 no., 63A, TPN, ELCB(100mA) incomer				
b	18 nos, 16/20A, SP, MCB outgoing				
	Full Set as above	9.0	Sets		

2.3	Suply and installation of 8 way, TP&N 'MCB type Distribution Board(double door) flush mounted on wall, sheet metal fabricated, powder coated, having dust-proof and vermin 'proof, gasketed and hinged door with all internals such as DIN rails, neutral-link, interconnected wiring, complete with earthing legs, housing following switch gears (Double door HORIZONTAL DB)				
a	1 no., 63A, TPN, ELCB(100mA) incomer				
b	24 nos, 16/20A, SP, MCB outgoing				
	Full Set as above	1.0	Set		
2.4	Suply and installation of 12 way, TP&N 'MCB type Distribution Board(double door) flush mounted on wall, sheet metal fabricated, powder coated, having dust-proof and vermin 'proof, gasketed and hinged door with all internals such as DIN rails, neutral-link, interconnected wiring, complete with earthing legs, housing following switch gears (Double door HORIZONTAL DB)				
a	1 no., 63A, TPN, ELCB (100mA) incomer				
b	36 nos, 16/20A, SP, MCB outgoing				
	Full Set as above	1.0	Set		
3.1	S & I of SPN, DB for distribution of input power to UPSs as per SLD having below mentioned switchgears (Earth bar inside these DB should be insulated from the body) (UPS-INPUT- HORIZONTAL DB)				
a	1 no, 100A, FP, Isolator incomer				
b	3 Nos. 63A, DP, MCB, outgoing				
	Full Set as above	3.0	Sets		
3.2	S & I of 4 Way TPN, Vertical DB for distribution of input power to UPSs as per SLD having below mentioned switchgears (Earth bar inside these DB should be insulated from the body) (UPS-INPUT-DB)				
a	1 no, 63A, FP, Isolator incomer				
b	3 Nos. 40A, TP, MCB, outgoing				
	Full Set as above	3.0	Sets		
3.3	S & I of SPN, DB for distribution to all computer power points on workstations, having below mentioned switchgears (Earth bar inside these DB should be insulated from the body) (UPS-OUTPUT-DB)				
a	1 no, 40A, DP, MCB, incomer				
b	12 nos, 16A, SP, MCB, outgoing				
	Full Set as above	9.0	Sets		
4.1	S & I of 350A, MCCB in sheet metal enclosure for main switch near meter and stabiliser input etc.	1.0	No.		
4.2	S & I of 225A, MCCB in sheet metal enclosure for main switch near meter and stabiliser input etc.	1.0	Nos.		
4.2	S & I of 180A, MCCB in sheet metal enclosure for main switch near meter and stabiliser input etc.	1.0	No.		
II	**CABELS / MAINS**				
1 (A)	S & I of 1100V grade armoured cable having sector / circular shaped aluminium / copper conductor PVC insulated cores, laid up, PVC tape wrapped inner sheathed, GI strip / wire armoured and overall extruded PVC sheathed confirming to IS: 1554, laid on wall or ceiling using GI clamps and spacers as per route shown at site and further as directed by Bank / Architect in the following sizes.				
1.1	3 1/2 CX300 Sq.mm Al	45.0	Mtr.		
1.2	3 1/2CX240 Sq.mm Al	45.0	Mtr.		
1.3	3 1/2 CX185 Sq.mm Al	40.0	Mtr.		
1.4	3 1/2 CX150 Sq.mm Al	0.0	Mtr.		
1.5	3 1/2 C X 120 Sq.mm Aluminium	0.0	Mtr.		
1.6	3 1/2 C X 95 Sq.mm Aluminium	0.0	Mtr.		
1.7	3 1/2 C x 70 Sq.mm Aluminium	0.0	Mtr.		
1.8	3 1/2 C X 50 Sq.mm Al Cable	0.0	Mtr.		
1.9	3 1/2 CX 35 Sq.mm Al. Cable	80.0	Mtr.		
1 (B)	S & I of 1100V grade armoured cable having sector / circular shaped aluminium / copper conductor PVC insulated cores, laid up, PVC tape wrapped inner sheathed, GI strip / wire armoured and overall extruded PVC sheathed confirming to IS: 1554, laid on wall or ceiling using GI clamps and spacers as per route shown at site and further as directed by Bank / Architect in the following sizes.				
1.1	4C x 25 Sq.mm Copper	0.0	Mtr.		
1.2	4C x 16 Sq.mm Copper	80.0	Mtr.		
1.3	4C x 10 Sq.mm Copper	560.0	Mtr.		
1.4	5C x 10 Sq.mm Copper (Panel to AC out door units)	405.0	Mtr.		
1.5	4C x 6 Sq.mm Copper	600.0	Mtr.		
1.6	2C x 4.0 Sq.mm Copper	50.0	Mtr.		
1.7	2Cx 10Sq.mm Copper	50.0	Mtr.		
	Note: All above mentioned cables including compressed type brass glands, crimping type coper lugs, insulation tape etc. as 'required complete with earthing of glands in required sizes				

III	**WIRING**				
1	Supply & Installation of concealed point wiring using 600V grade 2.5 sqmm copper conductor PVC insulated wires (with proper R,Y,B color code) pulled through haevy gauge PVC conduits laid concealed over false ceiling or in wall chases including circuit wires from the relevant DB and also including 1.5 Sq.mm Green Colour Copper earth wire and provision of grid plate type (ROMA) switches and sockets as approved by Bank/Architect. Each circuit feeding not more than 8 points / 800 W as per the following configuration.				
1.1	Primary light points including the cost of 5A switch	472.0	Pts.		
1.2	Secondary light points looped from the above point	180.0	Pts.		
1.3	5A plug point as primary point	50.0	Pts.		
1.4	Secondary 5A Plug point on switch board	10.0	Pts.		
1.5	Supply & Installation of raw power point on the tables consisting of one 5/15A socket with switch of other color and flexible cable of black color & circuit, concealed point wiring using 600V grade 3 C - 2.5 sqmm flexible copper cable conductor PVC insulated wires (with proper R,Y,B color code) pulled through heavy gauge PVC conduits laid concealed over false ceiling or in wall chases including circuit wires directly from the relevant DB (Maximum Length of Wire - 25 Mtr.s) for hotplate/geyser / zerox / fridge.Taken Above False ceiling and / or through walls . Cost is inclusive of necessary cutting the walls and including PVC Pipe required for taking the wires.	10.0	Pts.		
1.6	Indicator Light point from main panel to Banking area for indication of Mains power supply with wiring, indicator lamps etc.	3.0	Pnt.		
1.7	Fan point consisting of 5A socket near fan and switch on light switch board	58.0	Pts.		
1.8	Wiring for Signages with 2 R x 2.5 Sq.mm and 1Rx 1.5 Sq.mm, PVC insulated copper conductor flexible cable to be connected to the SPN D/D consumer unit installed in ATM room	50.0	Mtr.		
2	Supply & Installation of concealed point wiring using 600V grade 2.5 sqmm copper conductor PVC insulated wires (with proper R,Y,B color code) pulled through heavy gauge PVC conduits laid concealed over false ceiling or in wall chases including circuit wires from the relevant DB and also including 1.5 Sq.mm Green Colour Copper earth wire (Maximum Length of Wire - 15 Mtr.s).				
2.1	S & I of point wiring for UPS or stabilized **power plug points on workstations / table** for computers using 3C X 2.5 Sqmm Cu. PVC sheathed white color flexible cable **pulled through already laid floor raceways** and taken upto table top using PVC rigid or flexible conduits run within wooden or metal partitions. Each point consisting of 3 Nos of 2 / 3 Pin sockets and 1 No 15A switch, wired together forming one point. Switches and sockets to be (ROMA). Earth wire to be of Green colour only. (Only 2 tables served by one circuit from UPS DB)	116.0	Pts.		
2.2	S & I of point wiring for UPS or stabilized power plug points on workstations / table for computers using 3C X 2.5 Sqmm Cu. PVC sheathed white color flexible cable **pulled through above False ceiling and cutting the walls as raceways are not provided** and taken upto table top using PVC rigid or flexible conduits run within wooden or metal partitions. Each point consisting of 3 Nos of 2 / 3 Pin sockets and 1 No 15A switch, wired together forming one point. Switches and sockets to be (ROMA). Earth wire to be of Green colour only. (***Only 2 tables served by one circuit from UPS DB***) **Cost is inclusive of necessary cutting the walls and including PVC Pipe required for taking the wires.**	74.0	Pts.		
2.3	S & I of points similar to above but to be used as **raw power point** on the tables consisting of one 5/15A socket with switch of other color and flexible cable of black color & circuit taken from LIghting DB (4 tables served by one circuit from LDB/PDB) **Taken through Raceways.**	50.0	Pts.		
2.4	S & I of points similar to above but to be used as raw power point on the tables consisting of one 5/15A socket with switch of other color and flexible cable of black color & circuit taken from LIghting DB (4 tables served by one circuit from LDB/PDB) **Taken Above False ceiling and through walls as raceways are not provided. Cost is inclusive of necessary cutting the walls and including PVC Pipe required for taking the wires.**	40.0	Pts.		
IV	**FLOOR -RACE WAYS:**				
1	S & I of floor - raceways consisting of 2 Nos of 3" x 1.5"x 3mm thick rectangular aluminium anodized box sections including chasing and refilling as per the route shown in the drawing and as approved by consultant at site including clamping at every open pipe ends by suitable plastic end covers against entry of dust or anyother foreign material.	95.0	Mtr.		
V	**LIGHTING FIXTURES**				
1	S & I of lighting fixtures as per the details given below including necessary hardware such as clamps,nuts, bolts, nails, screws and suspension chains as required for fixing the fixtures in position as directed by architect / Consultant.				

1.1	Supply & installation of Batten led llight, Full size of **2ft (618 mm)** ; Luminous Flux - 900 Lumens ; Wattage - **9- 10 Watts**; Bulb Features - Energy Saving; Colour:- Cool Day Light; Colour Temperature: 6500 Kelvin; Average Life - 25000 Hours; Wide voltage protection of 160-360v with 2KV surge protection	6.0	Nos.		
1.2	Supply & installation of Batten led llight, Full size of 4ft (1214 mm) ; Luminous Flux - 1200-1300 Lumens ; Wattage - 10-13 Watts; Bulb Features -Energy Saving; Colour:- Cool Day Light; Colour Temperature: 6500 Kelvin; Average Life - 25000 Hours; Wide voltage protection of 160-360v with 2KV surge protection	0.0	Nos.		
1.3	Supply & installation of Batten led llight, Full size of 4ft (1214 mm) ; Luminous Flux - 2400 Lumens ; Wattage - 20/22/24 Watts; Bulb Features - Energy Saving; Colour:- Cool Day Light; Colour Temperature: 6500 Kelvin; Average Life - 25000 Hours; Wide voltage protection of 160-360v with 2KV surge protection	20.0	Nos.		
1.4	Supply & installation of led llight, recess mounted, Wattage: 7 W; Operating Voltage:130-360 Volts ;Metal body ; Material: Aluminium, Color: Cool Day Light; Colour Temperatures of 6500K; Shape: Square / Circular	35.0	Nos.		
1.5	Supply & installation of led llight, recess mounted, Wattage: 10 W; Operating Voltage:130-360 Volts ;Metal body ; Material: Aluminium, Color: Cool Day Light; Colour Temperatures of 6500K; Shape: Square / Circular	0.0	Nos.		
1.6	Supply & installation of led llight, recess mounted, Wattage: 12 W; Operating Voltage:130-360 Volts ;Metal body ; Material: Aluminium, Color: Cool Day Light; Colour Temperatures of 6500K ; Shape: Square / Circular	124.0	Nos.		
1.7	Supply & installation of led llight, recess mounted, Wattage: 15 W; Operating Voltage:130-360 Volts ;Metal body ; Material: Aluminium, Color: Cool Day Light ; Colour Temperatures of 6500K; Shape: Square / Circular	55.0	Nos.		
1.8	Supply & installation of 2' x 2' LED Full-Glow – RC380G3HL - make led light, recess mounted, Wattage: 32 Watts ; Output- 3400 Lumens; Colour: - Cool Day Light; Colour Temperature: 6500 K; System Efficiency-110; Operating Voltage – 220 -240 V for Branch & ATM.	229.0	Nos		
2.1	250mm dia wall mounted exhaust fan of decorative plastic body and blade with louvers on the outside (Newtek/Cromton/Approved Equivalent)	15.0	Nos.		
2.2	1200 mm diameter Ceiling fan	60.0	Nos.		
2.2	450 mm diameter Wall Mounted fan (Metal Body)	58.0	Nos.		
VI	**EARTHING**				
1.1	S & I of earth pit comprising of 600mm x 600mmx 3mm. thick copper plate buried at a minimum depth of 2.5 meter including necessary materials like charcoal,salt etc as required conforming to BIS standards having brick masonary chamber with hinged cover and watering arrangement.	0.0	Nos.		
1.2	Extra for depth beyond 2.5 meter earth pit if required in any condition	0.0	Mtr.		
1.3	Chemical Earthing using Electrode of size 80 mm dia, 2 meter long connected with 50X6 mm Copper internal strip complete with excavation, civil works, cast iron cover with back fill compound. The voltage between Neutral & Earth not to exceed 2 volts. including bore holes wherever required and putting the earth as per requirement.	19.0	Nos.		
2.1	S & I of copper /GI earthing wires/strips in following sizes				
2.2	8 SWG copper bare wire	320.0	Mtr.		
2.3	12 SWG copper bare wire	580.0	Mtr.		
2.4	25mm x 3mm thick GI strip	160.0	Mtr.		
3	S & I of isolated earthing / grounding system for computers etc.using insulated green copper earthing wire laid through 20mm PVC conduits from separately made earth pit to the equipment in following sizes				
3.1	6 sqmm copper in 20mm PVC conduit	190.0	Mtr.		
4	S & I of Main bus for isolated earth comprising of 200mm x 40mm x 6mm thick copper bar fixed on insulated support and having 20 nos of holes and nut bolts studs for clamping the earth leads,all contained in MS/PVCbox of size 300mm x 200mm x 50mm deep and having transparent acrilic cover as approved by Bank / Architect.	1.0	Set		
VII	**MUSIC - CUM - PA - SYSTEM**				
1	S & I of point wiring for music - cum PA system comprising of 2x 1.0 sqmm stranded , copper conductor , flexible PVC insulated and PVC Sheathed wire pulled through 20 mm dia .PVC heavy gauge conduits and looped from one speaker to other and to the volume control and control switch wherever applicable and finally terminated at Tag Block.	5.0	Pts.		
2	S & I of Philips / Bosch/Ahuja make music speaker flush mounted on the false ceiling with proper clamping arrangement	35.0	Nos.		
3	S & I of volume control - cum - ON - OFF switch flush mounted on wall along with other electrical switches.The size and plate of the regulating knob should match with other switches nearby (MK make)	12.0	Nos.		

4	S & I of 180 Watts BOSCH/Ahuja make Central Music System Amplifier and MP3/CD Player with FM facility of make Samsung/Onida/LG	1.0	Set		
5	S & I of TV socket point flush mounted on wall / partition including cabling till outside the builing with connector	1.0	No.		
VIII	**CCTV/Security Alarm/Fire Alarm System Wiring**				
	Supply and Laying of following works as per the requirement and specifications of the Security Vendor				
1	Supply and Laying of RG-11 Unarmoured Co-axial video cable (ISI marked) through 25 mm PVC conduit (ISI marked) including cost of the conduit for CCTV system	12.0	Pts.		
2	Supply & Laying of 2 Core 1.5 Sq.mm Un armoured power cable for power supply to cameras-CCTV, Panic Switch,Sensor, Hooters etc.	74.0	Pts.		
3	Supply & Laying of 2 Core 1.5 Sq.mm Armoured cable for Fire Alarm System	95.0	Pts.		
3.1	S&I of Photo electric(Optical) type Smoke Detector with flashing LED Above the false ceiling where ever required as per the IS standard.	46.0	Nos.		
3.2	S&I of Response indicator for the above false ceiling smoke detector	36.0	Nos.		
3.3	S&I of Photo electric(Optical) type Smoke Detector with flashing LED Below the false ceiling where ever required as per IS standard.	48.0	Nos.		
3.4	S&I of Heat Detector with flashing LED above the false ceiling where ever required as per drawings and as per IS standards	34.0	Nos.		
4	Supply & Laying of 4 Core 14/36 Shielded cable for Security Alarm System for motion sensor and Key pad	110.0	Points		
5	Supply & Installation of suitable stand for monitor of CCTV	1.0	No.		
6	Supply, installation, testing and commissioning of dome type indoor coloured fixed camera with of 1/3" CCD,540 TVL, Sensitivity @ 30 IRE: Color 0.5Lx/Night Sense 0.18 Lx, AWB / BLC / AGC /Auto Black, 2.6 to 6 mm vari-focal lens Auto Iris, 12VDC/24VAC for indoor application, complete in all respects as per specifications as per engineer in charge.	12.0	Nos.		
7	Supply, installation, testing and commissioning of Movable outdoor Night Vision camera, complete in all respects as per specifications as per engineer in charge.	0.0	No.		
8	Supply, installation, testing and commissioning of High Resolution 32 inch LCD colour TV monitor with on screen adjustment menu, durable metal cabinet etc. complete in all respects as per specifications as per engineer in charge.	2.0	Nos.		
IX	**DATA AND VOICE OUTLETS**				
1	Call Bell	6.0	Nos.		
	Providing, storing & installing in position, effecting proper connection, testing and commissioning of Call Bell with all accessories.The rate shall include for all materials, labour, T&P, taxes, levies, scaffolding, shifting of furniture, carting away the debris and cleaning the floor etc. Makes- Fixtures - Anchor Roma – Buzzer 220V / 250V Dura. Bell Push - Anchor Roma, (Model – 21 055), with required Modular Plates fixed on metal (for concealed) or PVC (for surface mounted) Moulded boxes – Model – Tressa, Colour – White. The job shall be complete, to the satisfaction of the Architect.				
2	Telephone Junction Box	6.0	Nos.		
	Supply, storing & installing in position, effecting proper connection, testing and commissioning of Telephone Junction Box, duly housed in M.S. enclosure. The work shall also include for cutting chases for moulded boxes, if required, in the wall (without damaging the building) and finally finishing the surface the matching the level with existing.				
	The rate shall include for all materials, labour, T&P, taxes, levies, scaffolding, shifting of furniture, carting away the debris and cleaning the floor etc. The job shall be complete, to the satisfaction of the Architect.				
	It shall have the following - Box - 10 pair TJB Makes – Krone or equivalent, with all accessories. The job shall be complete, to the satisfaction of the Architect.				
3	Telephone Cable	190.0	Mtr.		
	Supply, storing & installing in position, effecting proper connection, testing and commissioning of Telephone Cable laid in PVC conduit pipe (2mm thick, with all accessories e.g. long/short bends, tees, junction boxes etc.) of required dia., concealed in wall/floor/panelling/partitions or above false ceiling. The work shall also include for cutting chases for conduits and moulded boxes, if required, in the wall/floor (without damaging the building) along with clamping the conduits at every 450mm interval and finally finishing the surface and matching the level with existing. The rate shall include for all materials, labour, T&P, taxes, levies, scaffolding, shifting of furniture, carting away the debris and cleaning the floor etc.				

	It shall have the following - Cable - 10 pair – 0.6mm. dia., including termination/crimping at both the ends. Makes – Cable – Havell's/Rallison/Sky Tone. PVC Conduit – Bajaj/AKG, of required dia. and 2mm thick, with all accessories e.g. long/short bends, tees, junction boxes etc. and clamps at every 450mm interval. The job shall be complete, to the satisfaction of the Architect.				
4	Telephone Points with Wiring	40.0	Nos.		
	Providing, storing & installing in position, effecting proper connection, testing and commissioning of Telephone Points on module plates with all accessories. It shall have GI Pull Wire laid in PVC conduit pipe (2mm thick, with all accessories e.g. long/short bends, tees, junction boxes etc.) of required dia., concealed in wall/floor/panelling/partitions or above false ceiling. The work shall also include for cutting chases for conduits and moulded boxes, if required, in the wall/floor (without damaging the building) along with clamping the conduits at every 450mm interval and finally finishing the surface and matching the level with existing. The rate shall include for all materials, labour, T&P, taxes, levies, scaffolding, shifting of furniture, carting away the debris and cleaning the floor etc. The job shall be complete, to the satisfaction of the Architect. Makes - Wire - Havell's/Rallison/Sky Tone. Telephone Socket - Anchor - Roma, Socket / Telephone Jack (single) – RJ 11 with shutter (Model 20857) with required laminated Plates fixed on metal (for concealed) or PVC (for surface mounted) Moulded boxes. PVC Conduit – Bajaj/AKG, of required dia. and 2mm thick, with all accessories e.g. long/short bends, tees, junction boxes etc. and clamps at every 450mm interval				
5	Data Cabling with Points.	179.0	Nos.		
	Providing, storing & installing in position, effecting proper connection, testing and commissioning of Data Cabling Points (2 pin) on module plates with all accessories. It shall have GI Pull Wire laid in PVC conduit pipe (2mm thick, with all accessories e.g. long/short bends, tees, junction boxes etc.) of required dia., concealed in wall/floor/panelling/partitions or above false ceiling. The work shall also include for cutting chases for conduits and moulded boxes, if required, in the wall/floor (without damaging the building) along with clamping the conduits at every 450mm interval and finally finishing the surface and matching the level with existing. It shall also include for Cat - 5 data cable for data of approved make, including termination at both the ends. The rate shall include for all materials, labour, T&P, taxes, levies, scaffolding, shifting of furniture, carting away the debris and cleaning the floor etc. The job shall be complete, to the satisfaction of the Architect				
6	9U Rack Networking Cabinet	6.0	Nos.		
	Providing, storing & installing in position, effecting proper connection, testing and commissioning of 9U Rack Networking Cabinet. The rate shall include for all materials, labour, T&P, taxes, levies, scaffolding, shifting of furniture, carting away the debris and cleaning the floor etc. The job shall be complete, to the satisfaction of the Architect.				
7	36 Port Patch Panel	6.0	Nos.		
	Providing, storing & installing in position, effecting proper connection, testing and commissioning of 36 Port Patch Panel. The rate shall include for all materials, labour, T&P, taxes, levies, scaffolding, shifting of furniture, carting away the debris and cleaning the floor etc. The job shall be complete, to the satisfaction of the Architect.				
8	36 Port Switch.	6.0	Nos.		
	Providing, storing & installing in position, effecting proper connection, testing and commissioning of 36 Port Switch. The rate shall include for all materials, labour, T&P, taxes, levies, scaffolding, shifting of furniture, carting away the debris and cleaning the floor etc. The job shall be complete, to the satisfaction of the Architect.				
9	Patch Chord.				
	Providing, storing & installing in position, effecting proper connection, testing and commissioning of Patch Chord. The rate shall include for all materials, labour, T&P, taxes, levies, scaffolding, shifting of furniture, carting away the debris and cleaning the floor etc. The job shall be complete, to the satisfaction of the Architect. It shall have the following -				
9.1	1.0 Mt Long	179.0	Nos.		
9.2	2.0 Mt. Long	179.0	Nos.		
X	**FIRE EXTINGUISHERS**				

	Supply installation testing & commissioning of ISI marked FIRE EXTINGUISHERS				
1.0	ABC type - 2Kg(Shelf life of 5 year)	18.0	Nos.		
2.0	ABC type - 5Kg(Shelf life of 5 year)	3.0	Nos.		
3.0	CO2 type - 4.5 Kg (Shelf life of 3 year)	6.0	Nos.		
XI	**ADDITIONAL ITEMS OF WORKS (REPAIRS/RENOVATION)**				
1	Shifting of Main LT Panels and commissing at site during relocation of the Regional office / Branches	0.0	L.S.		
2	Shifting of DB / MCCB/ Change Over and commissing at site during Re-location of the Branch	0.0	Nos.		
3	Dismantling of existing UPS Connection along with Battery Bank and transportation of UPS system alongwith Battery Bank to the New premises and re-installation & commissioning of the UPS and Battery Bank with terminals and with UPS DBs, all complete.	1.0	Job		
4	Dismantling of existing Network Rack and with Patch Panel and transportation & Shifting of Rack with Patch Panel to the new location and re-installation of network rack with patch panel at the new site, all complete.	1.0	Job		
	Total Tendered Cost (Electrical) (Rs.)				
	Less - Discount (Rs.)				
	Balance (Rs.)				
	Add - Goods & Services Tax (CGST) (Rs.)				
	Add - Goods & Services Tax (SGST) (Rs.)				
	Add - Transportation / Cartage (Rs.)				
	Net Amount (Rs.)				
	Amount in words - Rupees _____ _____ . (Signature & Seal of Contractor / Electrical)