

PREMISES DEPARTMENT ZONAL OFFICE SATNA

TENDER DOCUMENT ELECTRICAL & DATA CABLING WORKS IN NEW PREMISES OF INDIAN BANK SIDHI BRANCH, DISTRICT - SIDHI

Ref:No : ZOS:PRM:2022-23:04

Date : 03.11.2022

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Last date of submission of Tender	21/11/2022 upto 18:00 HRS at Indian Bank, Zonal Office, Premises Department, Allahabad Bank Building, 2 nd Floor, Jai-Stambh Chowk, SATNA – 485001.
Date of opening Tender	Next working day at 15:00 HRS at Indian Bank, Zonal Office, Premises Department, Allahabad Bank Building, 2 nd Floor, Jai-Stambh Chowk, SATNA – 485001.
Cost Of Tender	Free Of Cost.

CONSULTANT:

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INDIAN BANK

ZONAL OFFICE - SATNA

NOTICE INVITING TENDER

Indian Bank, Zonal Office Satna invites sealed tenders from empanelled contractors with Indian Bank (single bid system) for proposed **Electrical & Data Cabling Works** in the **New Premises of Sidhi Branch, District - Sidhi**. The Tender Documents can be downloaded from the Bank's website (www.indianbank.in) under Tender Column.

1	Name of work	Electrical & Data Cabling in New Premises of Sidhi Branch, District - Sidhi
2	Estimated cost of work	Rs.4.50 Lakh
3	Period of completion	30 days to be reckoned from 5 TH day from the date of issue of the Work Order or handing over of site whichever is later
4	Validity of Tender	90 Days from the date of opening
5	Defects Liability Period	12 Months from the date of virtual completion of work
6	Earnest Money Deposit	Rs.5000/- (Rupees Five Thousand Only) by way of DD in favour of Indian Bank payable at Satna *Firms registered with MSME / NSIC with valid certificates
		issued by GOI are exempted from submitting EMD along with Tender.
7	Initial Security Deposit (ISD)	After acceptance of Work Order, Contractor shall submit ISD of 2% of the Bid / Contract Amount in the form of DD.
8	Retention Money (RM)	8% of the Bill Amount excluding Taxes
9	Total Security Deposit (TSD) = ISD + RM	10% of the Bid Amount (ISD – 2% & RM – 8%) ISD Amount will be refunded to Contractor within 14 days from the issue of Work Completion Certificate by the Architect and the Retention Money will be refunded after the completion of defect liability period.
10	Interim / Adhoc Payment	No Interim / Adhoc Payment will be paid
11	Liquidated Damages	1% per week of the Contract Value subject to maximum total of 10% of final Contract value
12	Tender Documents	Tender documents can be obtained from Indian Bank, Zonal Office, Premises Department, Allahabad Bank Building, 2 nd Floor, Jai-Stambh Chowk, SATNA – 485001 from 05/11/2022 to 21/11/2022 on all working days during office hours and / or can be downloaded from the Bank's website (www.indianbank.in) under Tenders column.
13	Last date of submission of tenders	21/11/2022 upto 18:00 HRS at Indian Bank, Zonal Office, Premises Department, Allahabad Bank Building, 2 nd Floor, Jai-Stambh Chowk, SATNA – 485001.
14	Date of opening Tender	Next working day at 15:00 HRS at Indian Bank, Zonal Office, Premises Department, Allahabad Bank Building, 2 nd Floor, Jai-Stambh Chowk, SATNA – 485001.

Note:

- 1. The bank reserves the right to reject any tender/bid without assigning any reason.
- 2. The rates quoted by the tenderer shall be based only on the specifications and conditions of the tender documents.
- 3. Bank is not liable to make any payment to tenderers for preparation to submit the tender/bid.



FORM OF TENDER

Indian Bank
Zonal Office Satna
Premises Department
Allahabad Bank Building, 2nd Floor
Jai-Stambh Chowk, SATNA (M.P.) – 485001

Dear Sir,

SUB: Invitation of Tender for Electrical & Data Cabling Work in the New Premises of Sidhi Branch, District - Sidhi

Having examined the drawings, specifications, conditions and schedule of quantities prepared by you, and satisfying ourselves as to the location of the site and working conditions, I/We hereby offer to execute the above works at the respective rates which I/We have quoted for the items in the Schedule of Quantities.

I/We herewith deposit Rs.5000/- (Rupees Five Thousand Only) by crossed demand draft payable at Satna and drawn in favour of Indian Bank as Earnest Money Deposit for the due execution of the works at my/our tendered rates, together with any variations should the work be awarded to me/us.

In the event of this tender being accepted, I/We agree to enter into and execute the necessary contract required by you. I/We do hereby bind myself/ourselves to forfeit the aforesaid Earnest Money Deposit of Rs.5000/- (Rupees Five Thousand Only) in the event of our refusal or delay in signing the Contract Agreement. I/We further agree to complete the work within the stipulated time specified in the Appendix to General Conditions of Contract.

I/We agree to keep our tender open for **90** (Ninety) days from the date of opening of Envelope No.1.

Earnest Money Deposit F	ed tender documents duly signed under two separate sealed envelopes and the s (Rupees only) by Bank Draft NoIssued by
Thanking you,	Yours faithfully,
	[To be signed by the Authorized Representative of Tenderer who has the Power to do so]
Place: Date:	Witness Signature: Name: Address: Seal:



GENERAL RULES AND INSTRUCTION FOR THE GUIDANCE OF TENDERERS

1 Definition of terms / interpretation:

- Employer/Owner/Bank /Indian Bank/ Accepting Authority shall mean Indian Bank with their Corporate Office at No. 254-260, Avvai Shanmugam Salai, Royapettah, Chennai 600 014 inter-alia having their Zonal Office at Allahabad Bank Building, 2nd Floor, Jai-Stambh Chowk, SATNA (M.P.) 485001 and any of its employees representative authorized on their behalf.
- Throughout these bidding documents, the terms "bid" and "tender" and their derivatives ("bidder"/"tenderer"), "bidered /tendered", "bidding"/"tendering", etc. are Synonymous.
- Day means calendar day. Singular also means plural
- "Contractor" means the person whose Tender has been accepted by the Employer and the legal successors in title to such person, but not (except with the consent of the Employer) any assignee of such person.
- Tenderer: The term 'Tenderer' shall mean the individual or firm or company whether incorporated or not, undertaking the work and shall include legal representative(s) of such individuals or persons composing such firm or company or successors of such firm or company as the case may be and permitted assigns of such individual or firm or company.
- Tenders, which should always be placed in sealed cover, with the name of the work written on the envelope "Electrical & Data Cabling Work in New Premises of Sidhi Branch, District Sidhi " will be received by Chief Manager (P&E), Indian Bank, Zonal Office, Premises Department, Satna.
- Earnest money amounting to **Rs.5000/- (Rupees Five Thousand Only)** in the form of Demand Draft drawn in favour of "<u>Indian Bank", payable at Satna</u> must accompany each tender. EMD amount will not carry interest. Tender without earnest money will be summarily rejected.

 *Please note that firms registered with MSME / NSIC under single point registration with valid
 - certificates issued by GOI are exempted from submitting EMD. Necessary Certificates must accompany bid. No other type of certificate is acceptable. The exemption and relaxation in EMD is subject to the validity & acceptance of their registration certificate on the date of opening of Tender.
- 4 The Indian Bank does not bind itself to accept the lowest or any tender and reserves to itself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.
- a. The rate quoted by the Tenderer shall be net (excluding GST), up to the stage of incorporation and handing over site. All taxes including (excluding GST) or any other tax on material or on finished works like Turn-over Tax, including taxes that may be newly introduced subsequent to the tender etc. in respect of this contract shall be payable by the Tenderer and the Indian Bank will not entertain any claim whatsoever in this respect.

The rate quoted should be excluding GST.

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

- 5 The Tenderer shall give a list of his relatives working with the Indian Bank along with their designations and addresses.
- No employee of the Indian Bank is allowed to work as a contractor for a period of two years of his retirement from Indian Bank service, without the previous permission of the Indian Bank. The contract is liable to be cancelled if either the contractor or any of his employees is found at any time to be such a person who had not obtained the permission of the Indian Bank as aforesaid before submission of the tender or engagement in the Tenderers service.



- 7 The tender for works shall remain open for acceptance for a period of 90 days from the date of opening of Tender. If any tenderer who withdraws his tender before the said period, then the Indian Bank shall be at liberty to forfeit Earnest Money paid along with the tender.
- 8 The tender for the work shall not be witnessed by a Tenderer or Tenderers who himself/themselves has/have tendered or who may and had/have tendered for the same work. Failure to observe this condition would render tenders of the Tenderers tendering as well as witnessing the tender liable to summary rejection.
- 9 It will be obligatory on the part of the tenderer to tender and sign the tender documents for all the component parts.
- 10 Transfer of tender documents purchased by one intending Tenderer to another is not permitted.
- 11 The Tenderer must pay the amount of Earnest Money as mentioned in the Notice of Tender Invitation by Bank Demand Draft payable to Indian Bank. No interest on Earnest Money deposited by the Tenderer shall be allowed. The Tenderer should attach the Bank Draft along with the tender failing which the tender will not be considered. No other mode of payment shall be accepted.
- 12 The Earnest Money Deposit of unsuccessful tenderers shall be refunded within three weeks of award of contract to the successful tenderer or within one week of actual commencement of work whichever is earlier and in any case not later than four months.
- 13 The Earnest Money Deposit of the successful tenderer shall be refunded on the acceptance by the Employer of the Contractor's Demand Draft towards Security Deposit.
- 14 The EMD of the Tenderer, whose tender is accepted, shall be forfeited in full in case he does not start the work by stipulated date mentioned in the award letter.
- 15 The retention amount at 8% on the value of the bill paid will be held by the Indian Bank apart from ISD. ISD Amount (2%) will be refunded to Contractor within 14 days from the issue of Work Completion Certificate by the Architect and the Retention Money(8%) will be released at the end of Defect Liability Period (12 Months), subject to satisfactory rectification of defects noticed, if any. ISD and Retention Amount held in our Bank's Book will not carry any interest.
- 16 The acceptance of a tender will rest with the Indian Bank and the Indian Bank reserves to itself the authority to reject any or all of the tenders received without the assignment of a reason. Tenders in which any of the prescribed conditions are not fulfilled (or) are incomplete in any respect are liable to be rejected. The Indian Bank reserves the right to accept the tender in full or in part and the tenderer shall have no claim for revision of rates or other conditions if his tender is accepted in parts.
- 17 Canvassing in connection with tenders is strictly prohibited and the tenders submitted by the Tenderers who resort to canvassing will be liable to rejection.
- All rates shall be quoted on the proper form of the tender alone. **All the entries to be made legibly in ink only.** Rates written in pencil or any other mode shall not be considered for evaluation and will be rejected.
- 19 An item rate tender containing percentage below / above will be summarily rejected. However, where a tenderer voluntarily offers a rebate for payment along with sealed tender, the same may be considered.
- 20 On acceptance of the tender the name of the accredited representative(s) of the Tenderer who would be responsible for taking instructions from the Indian Bank shall be communicated to the Indian Bank.
- 21 Special care should be taken to write the rates in figures as well as in words and the amounts in figures only, in such a way that interpolation is not possible. The total amount should be written both in words and in figures.
- The Contractor shall within 7 days of receiving the WORK ORDER submit **INITIAL SECURITY DEPOSIT** of **2% of the contract value in the form of a Demand Draft**. On acceptance of the Demand Draft, the Earnest Money Deposit shall be refunded to the Contractor.
- 23 The Contractor shall comply with and give all notices required under any law, rules, regulations, or bye-



law of Parliament, State Legislature or Local Authority relating to works. If needed, the Contractor has to obtain required permission/ approval from the building secretary/ association. The Contractor shall before commencing the execution of work issue a certificate to the Employer that he has obtained all the permissions Registrations and give all the notices as are required to be obtained or given under law particularly blasting permission, Police permission etc.

- 24 The Contractor shall be required to maintain the site and the building areas in a neat and clean condition at all times to the satisfaction of the Employer. The Contractor shall especially take care to keep areas free from getting water logged, from concrete/mortar dippings, bricks, steel, shuttering materials or any other material / rubbish.
- 25 Debris and items removed from the building have to be neatly stacked at site and then periodically removed (maximum of one week), carried away by the Contractor and disposed off as per the rules and regulations of the Local Authorities concerned. No debris shall be thrown loose from upper floors. No floor, roof or other part of the building shall be over-loaded with debris or materials as to render it unsafe.
- 26 Employer reserves the right to insist on selection of material, workmanship, detailing and finishes, which they consider, is appropriate, and suitable for the intended use. The contractor is not eligible to claim extra on this account.
- 27 Employer will require the contractor to produce, samples of all the materials, accessories/ finishes prior to procurement/ manufacture. The samples of the materials for the work shall be got approved from the Employer. Failure to comply with these instructions can result in rejection of the work/ materials.
- 28 For painting & Lamination, sample area shall be prepared and the shade got approved. It is also advised to give computer presentation of various colour schemes to the employer before going for sample painting/Lamination,
- 29 The Tenderer should note that he should execute his part of work without causing any damage to any component of the building and also without disturbing the occupants. Any damage so caused shall be made good at the cost & risk of the tenderer.
- 30 The successful tenderers shall include, in the quoted price, all allied civil works such as chasing in wall, drilling holes etc to support the frames, partitions, make the surface good after grouting, scaffolding required if any to load/unload the materials etc.
- 31 The successful contractor shall also be responsible for the safety and security of all their materials and also for ensuring fire prevention steps at all times in the working premises including their part of the work. The successful contractor has to place full time representative at site, the representative should have thorough subject knowledge.
- 32 The work shall be carried out without disturbing the existing occupants of other offices. Necessary barricading of the area, if required from the rest of the area shall have to be arranged by the successful contractor at no extra cost. The work is to be organized and executed so as to have least disturbance to the occupants of other offices.
- 33 No interim payment / Adhoc Payment will be entertained in any case
- 34 The contractor should ensure payment of minimum wages + VDA to all labourers / workmen staff employed by him inline with central/ state labour wage act whichever higher.

The Contractor shall at all times indemnify and keep indemnified the Employer against all losses, claims, damages or compensation including under the provisions of the payment of the Wages Act 1936, Minimum Wages Act 1948, Employer's Liability Act 1938, Workman's Compensation Act 1923, the Maternity Benefit Act 1961, the Bombay Shops and Establishments Act 1947, Industrial Disputes Act 1947, and Contract Labour (Regulation and Abolition) Act 1970 and Employees State Insurance Act 1948, Motor Vehicles Act 1988 or any modifications thereof or under any other law relating thereto and rules made thereunder from time to time or as a consequence of any accident or injury to any workman or other person in or about the work whether in the employment of the Employer or Contractor or not, and also against all costs, charges and expenses of any suit, action or proceedings whatsoever out of such accident or injury or combination of any such claims.



35 From commencement to completion of works, the Contractor shall take full responsibility for the care of the work and for taking precautions to prevent loss or damage to the work to the maximum extent possible and shall be liable for any damage or loss that may arise to the works or any part thereof from any cause whatsoever including causes of fire, lightning, explosion, earthquake, storm, hurricane, floods, inundation, subsidence, landslides, rock slides, riots (excluding civil war, rebellion, revolution and insurrection) or any latent defect or damage and shall at his own cost repair and make good the same so that at all times the work shall be in good order and condition and in conformity in every respect with the requirements of the Contract.

For the purpose of this condition this expression "from commencement to completion of works" shall mean the period starting with the date of issue of Work Order or date of handing over of site whichever is later and ending with issue of Virtual Completion Certificate.

Without limiting the obligations and responsibilities under this condition, the Contractor shall insure and keep insured the works from commencement to completion, as aforesaid, for the full contract value including Price Variation Adjustment if any against the risk of loss or damage from any cause whatsoever including the causes enumerated in the foregoing paragraphs. In the event of there being a variation in the nature and extent of the works, the Contractor shall from time to time increase or decrease the value of the insurance correspondingly. All the premia for the insurance shall be borne and paid by the Contractor.

Before commencing the work, the Contractor shall without limiting his obligations and responsibilities under this condition, insure against any loss of life or injury to any personnel in the employment of Contractor / Sub-Contractor/nominated Sub- Contractor. For this purpose, an insurance shall be taken by the Contractor /Sub- Contractor. Such an insurance shall be taken to include both employees/workmen covered by the Workman's Compensation Act 1923, as well those employees/workmen not covered by the said Act. Separate insurance policies may be taken for employees/ workmen covered by Workman's Compensation Act 1923, and employees / workmen not covered by the said Act. All the premia shall be paid by the Contractor. Policy/Policies taken under this para for the personnel in employment with the Contractor / Sub-Contractor may be in their Employer's names of the Contractor / Sub-Contractor / nominated Sub-Contractors. In the event of any loss or injury to personnel in employment with the Contractor / Sub-Contractor / nominated Sub-Contractors, the Employer and Contractor shall recover directly from the Insurance Company and ensure that payment of the same is made to the affected parties including the Employer. The policy in original shall be deposited with the Employer.

The Contractor shall at all times indemnify and keep indemnified the Employer against all losses and claims for injuries or damage to any person or any property whatsoever which may arise out of or in consequence of the construction and maintenance of the work and against all claims, demands, proceedings, damages, costs, charges and expenses whatsoever in respect of or in relation thereto. Before commencing the execution of the works, the Contractor shall without in any way limiting his obligations and liabilities under this condition, insure at his cost and expense against any damage or loss or injury which may be caused to any person or property including the employees and directors of the Employer and their property by or in the course of the execution of the works. Such insurance to be known as the Third Party Insurance shall be in a sum of Rs. 1.0 lakh. The Insurance policy to be so obtained by the Contractor shall be deposited by the Contractor with the Employer within Seven days of its issue by the Insurer.

- 36 The Contractor shall take all precautionary measures to ensure the safety of the workmen employed by it. The contractor shall be fully responsible for the any injury or damage caused to the workmen deployed by him at site for carrying out the work and Bank has nothing to do with such happenings and in no way shall be held responsible for the same.
- 37 The contractor shall maintain all registers as required by the Regional Labour Commissioner and should furnish the same to the Bank or its representative as and when required.
- 38 If the work is not started within **7 days** from the date of issue of work order then Employer may terminate the work order without assigning any reason. If during the execution of the work, the progress of work is not considered to be satisfactory and is not consistence to be in contingent with the period of the completion of the work then the Bank may terminate the work order by giving a 5 days



notice to the contractor. In such case the contractor shall be liable to pay the employer any extra cost involved for the completion of the said work and will not obstruct any way in completing the work through other agency. After completion of entire work the contractor shall be paid for the actual work executed by him at the quoted rates after deducting any claims, damages.

- 39 The time allowed for completing the works is **30 days** to be reckoned from **5**TH **day** from the date of Work Order / date of handing over site whichever is later. Tenderers shall submit a programme (time schedule) for executing the entire project and shall furnish the details of their scheme indicating the proposed deployment of their machinery and resources.
- 40 If the Contractor fails to complete any or all the works by the date/s named in **Clause 39** (Date of Completion) or within any extended time (permitted by Bank) then the Contractor shall pay or allow the Employer the sum to be worked out at **1.0%** of contract value per week to be recovered as Liquidated Damages (and not by way of penalty) for the delay, beyond the said date or extended time, as the case may be, during which the works shall remain unfinished and such damages may be deducted from any moneys due or which may become due to the Contractor. The maximum amount of Liquidated damages shall be **10%** of contract value. The contractor shall be bound to extend validity of Insurance Cover till such period of completion as may be considered necessary at their cost.
- **Extension of time:** If in the opinion of the Employer/ Architects the works be delayed (a) by reason of any exceptionally inclement weather or (b) by reason of instructions from the employer in consequence of proceedings taken or threatened by or disputes, with adjoining or neighbouring owners or (c) by the works, or delay of other contractors nominated by the employer and not referred to in the specification or (d) by the reason of authorized extra and additions or (e) by reason or any combination or works men or strikes or lock-out affecting any of the building trade or (f) from other causes which the employer may consider are beyond the control of the contractor, the employer at the completion of the time allowed for the contract shall make fair and reasonable extension of time for completion in respect therefore. In the event of the employer failing to give possession of the site upon the day specified above, the time of completion shall be extended suitably.

 In case of such strikes or lockouts as are referred to above, the contractor shall, immediately give the
 - employer, written notice thereof. Nevertheless he shall use his best endeavours to prevent delay, and shall do all that may be reasonably required, to the satisfaction of the employer for any extension of time for completion hereunder (which shall be final and binding on the contractor) shall be promulgated at the conclusion of such strike or lock-out and the employer shall then, in the event of an extension being, granted, determine, and declare the final completion date. The provision in clause 13 with respect to payments of liquidated damages shall be construed as if the extended date fixed by the employer was substituted for and the damages shall be deducted accordingly.
- 42 The successful tenderer shall be required to execute an Agreement in the proforma attached with this tender document within 7 days from the date of receipt of the notice of acceptance of tender. In the event of failure on the part of the successful tenderer to sign the agreement within the above stipulated period, the earnest money will be forfeited and the acceptance of the tender shall be considered as cancelled.
- 43 The final bill will be released on satisfactory completion of the entire work and on completion of all the terms and conditions / obligations spelt out and on proper submission of the bill together with the measurements. Final Bill settlement is within 30 days from the date of proper submission of bill & measurements.
- 44 The tenderers shall separately specify at the end of the tender the % and value of SGST and CGST as applicable. As on date 9 % CGST and 9% SGST IS APPLICABLE FOR WORKS CONTRACT. Regarding tax part, the tax rate at the time of billing shall rule over and above all documentations. Valid documents shall be produced if tendered/ asked for at the time before payment. TDS for income tax is as applicable and shall be included in the quoted rates. The comparison for the least bidder shall be made with the basic price of items of work excluding "Goods and Service Tax" part.
- 45 At any stage i.e. during the execution of work, any kind of change required, whether it is in design or specification, the contractor must inform the concerned Department of the Bank or Architect and after



getting the approval, the same has to be incorporated by the contractor.

- 46 Single Power point & Water for work will be provide by bank at free of cost
- 47 The contractor shall not directly or indirectly sublet the work to other party without written permission of the bank.
- 48 The Bank reserves the right to distribute the work for which quotations have been called, among more than one parties, if found necessary. No claim in this respect shall be considered and the contractor agrees to cooperate with other agencies appointed by the Bank.
- 49 Bank shall not be responsible for any lose or damage to the contractor/ labour due to any natural calamity during the course of construction. Contractor is liable to make good all the damages if any, till the work is completed and handed over to the Bank authorities
- 48 No advance payment shall be made to the contractor on supply of any material supplied at site for execution; Payment shall be made only after completion of the work, submission of proper bills and measurement and checking at the site by Architect and Bank' Engineer.
- 49 Contractor agencies are advised (before quoting the rates) to inspect the site of the proposed work. They must go through specifications and documents. Any clarification, if required, may be taken from the bank before submitting the quote.
- 50 The quantities mentioned in schedule are provisional and likely to increase /decrease to any extent or may be omitted thus altering the aggregate value of the contract. No claim for loss of profit/business shall be entertained on this account.
- 51 The contractor /vendor failed to carry out the works as per schedule/Quality, the same shall be carryout with different agencies and the actual amount will be deducted from the contractor bills.
- 52 Payment to the contractor shall be made as per actual work done of site.
- The contractor agency shall keep particular vigil on his workers to maintain very good workmanship of all items, failing which no payment shall be made and no claim of material/labour used shall be made to him in any case, and the same work shall be executed by him again without charging any extra cost.
- 54 The Bank reserves the right to accept/reject any quotes without assigning any reasons.
- 55 Any work got executed in poor workmanship as pointed out by the Bank' Official will have to be dismantled and redone by the Contractor on his own cost
- 56 Any addition, alteration or correction in the quote shall be signed and stamped properly by the contractor

DECLARATION:

I / We hereby declare that I / We read and understood the above terms and conditions and that we shall abide by them if the work is awarded to us.

Signature & Seal of the Tenderer



ARTICLES OF AGREEMENT

THIS AGREEMENT is made on this day ofmonth of between Indian Bank and having it
Zonal Office at Allahabad Bank Building, 2nd Floor, Jai-Stambh Chowk, SATNA (M.P.) – 485001 (hereinafte
referred to as the "Employer") which expression shall include its successor, legal heirs and assignees of the
one part.
AND M/s having its office at
"Contractor") which expression shall include its successor, legal heirs and assignees of the second part.
WHEREAS the Employer has caused drawings and tender documents for 'Electrical & Data Cabling Worlin New Premises of Sidhi Branch, District – Sidhi"
AND whereas the Employer has called for tender vide ref. no dated dated
AND whereas the contractor has submitted the tender ref. no dated
to the Employer on
AND whereas the Employer has issued the work order ref
the contractor to do the work.
AND whereas the Contractor has agreed to execute the work as per drawings, specifications, conditions of
contract and Work Order.
AND whereas the Employer has accepted the Contractor's tender as aforesaid and whereas the tende
submitted by the contractor has been accepted for such sum as may be ascertained to be payable in terms of
the Bill of Quantities and which sum is estimated to be Rs (Rupee
) hereinafter referred to as the said "Contract Agreement".

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:-

- 1) In consideration of the said Contract Sum to be paid at the times and in the manner set forth in the said Conditions the Contractor shall carry out and complete the Works in terms and conditions herein contained and according to the general conditions of the contract, notice inviting tender, special conditions of contract, general scope of work, technical specifications, schedule of rates and instructions to be given by and the supervision of and to the entire satisfaction of the Employer.
- 2) Contract Price, Taxes and Payment Terms:

Total contract price is Rs. which is inclusive of cost of materials, equipment, installation charges and tools and tackles required for execution of the job. Above price is inclusive of all taxes & duties including excise duty, GST, income tax, octroi etc. in respect of this contract. No claim in this respect will be entertained. Income tax on payments will be deducted and deposited by Employer in accordance with the sales tax law of the state and the provisions of tax deductions at source under income tax act 1961.

3) **Completion Period**:

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



2) Earnest Money:

The Contractor has deposited an amount of **Rs.5000/- (Rupees Five Thousand Only)** as earnest money.

3) **Inspection of Site**:

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

4) Supply of Material and Labour:

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

5) **Defective Work / Materials**:

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

6) **Inspection of Work**:

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

7) **Supervision**:

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

8) Compliance with Statutory Regulations & Work Rules:

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



9) **Determination of Contract**:

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

10) Force Majeure:

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

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

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

11) Arbitration:

"In the event of any dispute or difference relating to interpretation and application of provisions of the contract and all disputes/ claims whatsoever which shall either during the continuance of the contract or afterwards either between the parties to the contract or the respective representatives touching the construction/ application of any provision/ clause mentioned in the contract or any account or liability between the parties to the contract or as to any act or deed or omission of any party to the contract, in any way relating to these presents, shall be first at the discretion of the Bank attempted to be resolved in good faith by mutual discussion within 30 days of the dispute or question being raised failing which the same shall be settled by arbitration in accordance with provisions of Indian arbitration and Conciliation act 1996.

The Parties concerned shall designate an arbitrator on mutual consent/ consensus. The venue of the arbitration shall be exclusively at **Sidhi** and any award passed by arbitrator shall be final, conclusive and binding upon the parties and shall be deemed to have been made between parties themselves. The parties to the dispute shall share equally the cost of arbitration as intimated by the arbitrator".

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

Witness Address	Employer
Witness Address	Contractor

	BILL OF QUANTITY FOR ELECTRICAL WORK FOR INDIAN BANK, SIE ELECTRICAL WORK (BRANCH & ATM)	JHI BRA	ANCH, MP.		
S. No.	PARTICULARS	UNIT	QTY	RATE	AMOUNT
1	Providing and fixing, testing and commissioning for point wiring two nos. 1.55 sq. mm/2.5	O			7
	sg.mm or 4.0 sg.mm PVC insulated single core stranded copper conductor wire 1100 volt				
	grade (for Ph&N) and one nos. 1.0 sq. mm/ 1.5 sq. mm PVC insulated single core standed				
	copper conductor wire 440 volt grade, for earth wire 1.6 mm th. 25 mm dia BEC / NIC / AKG				
	make PVC conduit pipes. All wires are to be ISI mark approved / specified make Anchor/				
	Finolex / Havells complete with all drops upto boards, stapples, accessories and hardware				
	etc. Installating the conduit in slabs, wall etc. The point shall include modular type switches of				
	MK Anchor, Roma, Crab tree make as approved / specified in required combination including				
	electronic regulator, 6 ASP control switch 3-plate ceiling rose, angle or staight holder adequate size to mount control switches for lights, fan sockets. Sockets for half points and				
	ceiling fan regulator. rate must also include the cost of circuit wiring with 2x2.5 sqmm+1x1.5				
	samm				
а	Light points. & exhaust fan points (Primary and Secondary)	No.	68		
b	Fan with regulator (ceiling + bracket) (2x1.50 sq.mm + 1x1.5 sq.mm)	No.	10		
С	Call bell points inclusive of call bell.	No.	1		
е	16 Amp 3/5 pin point (2x2.5 sq.mm +1x1.5 sqmm)	No.	8		
f	Ac point -supply instalation of AC point with following item in surface / concealed manner 32				
	A D.P. 1 way switch with neon, plate & box 20 amp. 10 amp. Twinsocket with plate & box	No.	9		
	including 2x4.0 + 1x1.5 sqmm cu. Wire with pvc conduit etc complete.				
2	Telephone Socket Point -Supplying, fixing and testing of telephone socket point wiring with				
	two line telephone wire of approved Anchor Havells/Finolex make in 1.6 mm th 1" dia PVC	No.	3		
	conduit pipe including double line tel-Jack (modular type) on the switch board.	110.	Ü		
	40 nair tag block				
	10 pair tag block	No.	0		
3	IVERTER WIRING: Wiring for Lighting and fans I points with 1x1.5 Sqmm PVC insulated				
	copper conductor recessed in wall/under counter in PVC pipe/flexible pipe/casing caping as	NI-	40		
	required. Rate inclusive of 3 nos. 6 amp switch & socket (5pin) (modular) with fuse & indicator	No	10		
	i/c of box, base plate & cover plate, making all connections complete. (Average length 15M)				
4	UPS POINTS: Wiring for computer terminal points with 2x1.5Sqmm + 1x1.5 Sqmm PVC				
-	insulated copper conductor recessed in wall/under counter in PVC pipe/flexible pipe/casing				
	caping as required. Rate inclusive of 3 nos. 6 amp switch & socket (5pin) (modular) with fuse	No	14		
	& indicator i/c of box, base plate & cover plate, making all connections complete. (Average				
	length 15M)				
5	TIMER				
A	Providing and installation of electronic digital no/off timer, load bearing up to 800 watt for glow	No.	1		
	sign board with 20Amp pp MCB in enclosure	140.	'		
В	Additional copper piping for instalation of split 1.0/ 1.5/ 2.0 TON Ac's at far end with wiring &	D	98		
	drain pipe.	Rm	90		
	Supplying, installation with hanging support, testing and commissioning of following light fixtures with				
	electronic Ballasts, Tubes, lamps, all fixing materials including connecting wires etc. all complete as				
6	per the directions of Engineer-in-charge (All LED Light Fixtures should be covered with minimum 3				
	Years onsite replacement warranty). Items should be executed after approval from Bank/				
	Architect.				
i	Supply & fixing of LED 18 W tube 4'-0" As specified in tender document or approved by Bank/Architect. Approved Make- Havells/ Crompton/ Philips.	Nos.	16		
	Supply & fixing of FULL GLOW 2 X 2 LED 36 W slim Smart Panel of make As specified in tender				
ii	document or approved by Bank/Architect. Approved Make- Havells/ Crompton/ Philips.	Nos.	20		
	Supplying, fixing, testing and commissioning of 15 W LED commercial type down lighter of make As				
iii	specified in tender document or approved by Bank/Architect. Approved Make- Havells/ Crompton/	Nos.	30		
	Philips.				
	LED Strip for cove lighting 15 W per 5 M with driver and necessary installation fittings Led strip light (5		_		
iv	mtr.) make as specified in tender document or approved by Bank/Architect.	Nos.	0		
	Supply, installation, testing and commissioning of following fans with all fixing materials like white				
v	Polycarbonate 2 mm Hylem sheet cover, down rods, fan box as required etc. all complete as per the				
	directions of Engineer-in-charge.				
	Supply & fixing of Wall mounted fans 400 mm dia. make As specified in tender document or		_		
а	approved by concerned office in charge. Approved Make- Havells/ Crompton/ USHA.	Nos.	8		
	Supply & fixing of 230 mm exhaust fan 'Ventilair DX W' with self-closing louvers and plastic body with				
b	all accessories etc. complete of make As specified in tender document or approved by concerned	Nos.	3		
<u></u>	office in charge. Approved Make- Havells/ Crompton/ USHA.			<u></u>	
С	Supply & fixing of Ceiling Fan of approved/specified make ceiling fans Supplied by the bank				
	complete with down rod, canopy, blades and Electronic speed regulator 230-250 volts	Nos.	3		
	including connection with all necessary materials as required. Approved Make- Havells/	1403.	3		
	Crompton/ USHA.				
I				I	I

7	Supply and installation of circuit in app. make1.6 mm thick,25mm dia PVC pipes and at places				
	where decorum is to be maintained in PVC casings with approved make PVC insulated wire				
	as under. The rate shall be inclusive of all necessary fittings like junction boxes, tees, bends,				
	saddles screws etc complete. PVC pipe to be of BEC/NIC/AKG make and wire of Havells/RR/Polycab make.				
a	10x4 sq.mm + 1x1.5 sq. mm	Dm	05		
	·	Rm	95		
8	Supply and installation and connection of modular type app./ specified switch and socket complete with PVC box plate screws and all other accessories. Rate must also include the				
	cost of circuit wiring with 2x2.5 sqmm + 1x1.5 sqmm				
	3 Nos. socket + 2 Nos. switches (6A) Make- Legrand/ Havells/ Panasonic	No.	8		
9	DISTRIBUTION BOARD				
	Supplying, installing, testing &commissioning of surface/recessed mountings, Double door				
	415 volts TPN MCB distribution board of steel, 1.6 mm thick dust phosphatized and painted,				
	inclusive of 100 amps, tinned copper bus bars, earth bar, common neutral link, din bar for				
	mounting of MCB's detachable gland / knock out plate & with built in loose wire box, and				
	superior make terminal connectors for all incoming and outgoing circuits duly prewired with adequate size of PVC insulated copper wires between the bus bars and the MCB's as well as				
	the incomer and upto the terminal connectors/ neutral link and ready for installation of				
	following ways as required.				
	Use 'B' curve MCB's for lighting & small power circuits, 'C' curve for motor duty i.e. for pumps,				
	AC motors, window and split AC's etc. & 'D' curve for UPS DB's i.e. for computers/ PC's				
	circuit. Main incomer & outgoing circuit MCB's shall be selected accordingly i.e. type B,C & D.				
	Contractor to select the MCB's accordingly as per the nature of the circuit/ load.				
	Each DB shall have separate neutral links of rating not less than 100A for each phase. The				
	main incoming neutral link shall be in addition to three outgoing neutral links and shall be of 125 A.				
	UPS DB's shall have a dedicated Earthing link fixed on insulated supports, which will be in addition to body earth link.				
	,				
	All internal inter connecting wiring with in the DB's shall be PVC insulated flexible copper conductor wires of adequate capacity as per the current rating. Inside each DB, a DB chart is				
	to be fixed. Items should be executed after approval from Bank/Architects				
	I San				
				1	
	4-way TPN DB (LIGHT DB/ Power DB)	No	1		
а	4-way TPN DB (LIGHT DB/ Power DB)	No.	1		
а	Incomer: -	No.	1		
а	Incomer: - 1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase	No.	1		
а	Incomer: - 1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase Outgoing: -	No.	1		
а	Incomer: - 1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase	No.	1		
a	Incomer: - 1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase Outgoing: -	No.	1		
	Incomer: - 1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase Outgoing: -				
b	Incomer: - 1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos.6/10 Amp (10 KA) SP MCB 4-way TPN DB (AC DB)	No.	1		
	Incomer: - 1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos.6/10 Amp (10 KA) SP MCB 4-way TPN DB (AC DB) Incomer:-				
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b	Incomer: - 1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos.6/10 Amp (10 KA) SP MCB 4-way TPN DB (AC DB) Incomer: - 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)	No.	1 2		
b	Incomer: - 1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos.6/10 Amp (10 KA) SP MCB 4-way TPN DB (AC DB) Incomer: - 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input) (2+8)-way SPN DB (For UPS Sub DB)	No.	1		
b	Incomer: - 1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos.6/10 Amp (10 KA) SP MCB 4-way TPN DB (AC DB) Incomer: - 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input) (2+8)-way SPN DB (For UPS Sub DB) Incomer: -	No.	1 2		
b	Incomer: - 1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos.6/10 Amp (10 KA) SP MCB 4-way TPN DB (AC DB) Incomer: - 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input) (2+8)-way SPN DB (For UPS Sub DB) Incomer: - 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA)	No.	1 2		
b	Incomer: - 1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos.6/10 Amp (10 KA) SP MCB 4-way TPN DB (AC DB) Incomer: - 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input) (2+8)-way SPN DB (For UPS Sub DB) Incomer: -	No.	1 2		
b	Incomer: - 1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos.6/10 Amp (10 KA) SP MCB 4-way TPN DB (AC DB) Incomer: - 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input) (2+8)-way SPN DB (For UPS Sub DB) Incomer: - 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA) Outgoing: - 6 Nos.6/10/16/25Amp (10 KA) SP MCB	No.	1 2		
b	Incomer: - 1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos.6/10 Amp (10 KA) SP MCB 4-way TPN DB (AC DB) Incomer: - 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input) (2+8)-way SPN DB (For UPS Sub DB) Incomer: - 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA) Outgoing: - 6 Nos.6/10/16/25Amp (10 KA) SP MCB	No.	1 2		
b	Incomer: - 1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos.6/10 Amp (10 KA) SP MCB 4-way TPN DB (AC DB) Incomer: - 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input) (2+8)-way SPN DB (For UPS Sub DB) Incomer: - 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA) Outgoing: - 6 Nos.6/10/16/25Amp (10 KA) SP MCB	No.	1 2		
b c d	Incomer: - 1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos.6/10 Amp (10 KA) SP MCB 4-way TPN DB (AC DB) Incomer: - 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input) (2+8)-way SPN DB (For UPS Sub DB) Incomer: - 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA) Outgoing: - 6 Nos.6/10/16/25Amp (10 KA) SP MCB	No.	2		
b c d	Incomer: - 1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos.6/10 Amp (10 KA) SP MCB 4-way TPN DB (AC DB) Incomer: - 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input) (2+8)-way SPN DB (For UPS Sub DB) Incomer: - 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA) Outgoing: - 6 Nos.6/10/16/25Amp (10 KA) SP MCB 8 Way SPN DB for ATM complete with lock & Key Arrangement with 40A DP MCB & 32 A DP RCCB (100 mA) and Outgoing as 4 No's of 6/10/16/25/32 A SP MCB as directed by the engineer in charge for E-Lobby AC- 2 No's and Light.	No.	2		
b c d	Incomer: - 1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos.6/10 Amp (10 KA) SP MCB 4-way TPN DB (AC DB) Incomer: - 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input) (2+8)-way SPN DB (For UPS Sub DB) Incomer: - 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA) Outgoing: - 6 Nos.6/10/16/25Amp (10 KA) SP MCB 8 Way SPN DB for ATM complete with lock & Key Arrangement with 40A DP MCB & 32 A DP RCCB (100 mA) and Outgoing as 4 No's of 6/10/16/25/32 A SP MCB as directed by the engineer in charge for E-Lobby AC- 2 No's and Light. 6 Way SPN DB for ATM complete with lock & Key Arrangement with 25 A DP MCB & 25 A DP	No.	1 1 1		
b c d	Incomer: - 1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos.6/10 Amp (10 KA) SP MCB 4-way TPN DB (AC DB) Incomer: - 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input) (2+8)-way SPN DB (For UPS Sub DB) Incomer: - 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA) Outgoing: - 6 Nos.6/10/16/25Amp (10 KA) SP MCB	No. No. No.	2		
b c d	Incomer: - 1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos.6/10 Amp (10 KA) SP MCB 4-way TPN DB (AC DB) Incomer: - 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input) (2+8)-way SPN DB (For UPS Sub DB) Incomer: - 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA) Outgoing: - 6 Nos.6/10/16/25Amp (10 KA) SP MCB 8 Way SPN DB for ATM complete with lock & Key Arrangement with 40A DP MCB & 32 A DP RCCB (100 mA) and Outgoing as 4 No's of 6/10/16/25/32 A SP MCB as directed by the engineer in charge for E-Lobby AC- 2 No's and Light. 6 Way SPN DB for ATM complete with lock & Key Arrangement with 25 A DP MCB & 25 A DP	No.	1 1 1		
b c d	Incomer: - 1 No. 40 Amp TPN (10 KA) MCB with 40 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos.6/10 Amp (10 KA) SP MCB 4-way TPN DB (AC DB) Incomer: - 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP MCCB (100 MA) each phase Outgoing: - 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB 4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input) (2+8)-way SPN DB (For UPS Sub DB) Incomer: - 1 No. 40 Amp DP (10 KA) MCB with 25 A DP MCCB (100 MA) Outgoing: - 6 Nos.6/10/16/25Amp (10 KA) SP MCB	No.	1 1 1		

	Designing, fabrication, supply, installation, testing and commissioning of front operated cubicle type compartmentalized, front access, free standing on 75MM "[" MS channel, dust and vermin proof (IP 42 degree protection) panel suitable for use at 415V, 3 phase, 4-wire 50Hz system suitable for fault level of required value symmetrical at 415V fabricated from 2mm thick CRCA MS sheets with hinged, gaskettted (Metal based neoprene) lockable doors having structural reinforcement including 3mm thick gland plates on top and bottom, lifting hooks, GI earth strip of required size with 2 no's earth terminals, 2 no's 230V AC operated 250 mm X 250 mm size axial fans for exhaust of heat with On-Off toggle switches including 2 coated primer and 2 power coated paint finish of approved shade over metal surface cleaned and treated with seven tank process complete with interconnections etc. as per specifications as required. Main panel board of approved make (Should be CPRI Approved, Type of Approval as instructed by the concerned office in charge) As per the following specifications, (Part IV - Substation) and IS: 8623 comprising of followings panel mounting switchgears etc. as required, should be CPRI Approved.IS: 8623 comprising of followings panel mounting switchgears etc. as required, should be CPRI Approved. Note: Type of CPRI testing shall be as per Architect/ Bank's instructions. All switchgears shall have provision for entry of each form the tanget between through College.			
	switchgears shall have provision for entry of cables from the top or bottom through Cable			
	Alley.			
-				
	All live accessible parts shall be shrouded and all equipment shall be finger touch proof. The busbars insulation shall be withheat shrinkable sleeves SMC/ DMC shrouds and busbar supports shall be used. Padlocking facility shall be provided on all outgoing feeders' doors and switch handles shall be lockable in OFF position.			
<u> </u>	Suitable arrangement shall be made for termination of multiple incoming cables.			
	All KA values indicated shall be ICS breaking capacity			
	GA drawings shall be got approved by concerned office in charge.			
a.	Floor panel shall consists of : -			
	Items should be executed after approval from Bank/ Architect.			
	INCOMER			
	1 no. 100 Amp 4P On Load Change over switch with 1 No. 100 Amps,TPN MCCB (25 KA) with extendable rotary handle each thermal over current, instantaneous, Short circuit release,			
L	Earth fault.			
	BUSBARS			
	125 amps TPN pole bus bar chamber of suitable length with copper bus bars. All bus bars and			
	interconnections shall be of suitable size copper strips.	Set	1	
<u> </u>	Interconnections shall be of sultable size copper strips.			
	INDICATING DANEI			
b.	INDICATING PANEL			
b.				
b.	Digital flush type class-1.0 accuracy multifunction meter showing V, A, PF etc. with 3 Nos.			
b.	Digital flush type class-1.0 accuracy multifunction meter showing V, A, PF etc. with 3 Nos. Current Transformers of 125/5A ratio, 15 VA Class-1.0 metering 1 sets			
b.	Digital flush type class-1.0 accuracy multifunction meter showing V, A, PF etc. with 3 Nos.			
b.	Digital flush type class-1.0 accuracy multifunction meter showing V, A, PF etc. with 3 Nos. Current Transformers of 125/5A ratio, 15 VA Class-1.0 metering 1 sets Red/Green/Amber ON/ OFF/ TRIP indicating lamps with 2A SP MCB backup protection.			
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12	D-Link Switch :- Providing and fixing at site 24/48 port D link make cat-6 data switch	Job	0		
	EARTHING: 600 x 600 x 3mm copper plate earthing i/c of watering, GI pipe with funnel, salt & coal filling, 10" x 10" masonry chamber with sand plaster, CI lid, 10SWG copper wire in PVC pipe from bottom of pit to existing ground level.		3		
14	Earth wire 6sqmm COPPER WIRE	Rm	25		
				Total	

		GST EXTRA
	DESCRIPTION	Approved Makes
S.N.	PVC Conduit	Precision/AKG
1	Ceiling Junction Boxes	Home lite/ANCHOR
2	Wires & cables	R.R./Havells /Polycab
3	Modular Switches, Sockets etc	Legrand/Havells/L.& T.
4	Lighting Fixtures	Philips/Havells/Crompton
5	M.C.B./RCCB/RCBO etc	Legrand/Havells/L&T
6	Distribution Boards	Same As Above
7	MCCB	A.B.B./Schneider/Legrand/L.& T.
8	Change Over Switches	H.P.L./A.B.B./Standard/ L.& T.
9	End Termination accessories	Dowells/Usha/Brecco/Cosmos
10	Telephone Cables & accessoreies	Havells, Krone, Finolex,
11	Fans/Exhaust fans	Crompton/Havell/USHA
12	Music Speakers	Philips/Bosch/Ahuja
13	Amplifiers	Philips/Bosch/Ahuja
14	DVR	Samsung,Honeywell , HIKVISION
15	Rg11, CAT5/CAT6 cables/Telephone wires	Legrand, Molex, D'Link ,AMP
16	CCTV Dome Camera	Honywell, HIKVision
17	Hard Disk drive	Seagate, HIKVISION
18	Smoke/Heat/Optical Fire Detectors	Edward, Siemens, Appolo Or other I.S.I.
19	Response Indicators, Hooters	Edward, Siemens OR other ISI Approved.
20	Telephone Tag Block	Krone

Place:

Date: Signature of contractor with seal





