

PREMISES DEPARTMENT ZONAL OFFICE MIDNAPORE

TENDER DOCUMENT ELECTRICAL & DATA CABLING WORKS IN NEW PREMISES OF INDIAN BANK DHOLMARI BRANCH AND ATM DISTRICT – EAST MIDNAPORE

Ref:	No
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: ZO/MID/PEM/2021-22/D628/02

Date

: 19/06/2021

Issued to:

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Last date of submission of Tender	14/07/2021 upto 14:00 HRS at Indian Bank, Zonal Office, Premises Department, OLD WATER TANK, STATION ROAD, Midnapore-721101						
Date of opening Tender	Tender 14/07/2021 at 16:00 HRS Indian Bank, Zonal Office, Premises Department, OLD WATER TANK, STATION ROAD, Midnapore-721101						
Cost Of Tender	Rs.500/-						

CONSULTANT:

M/s. Burman Et.Al.

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INDIAN BANK ZONAL OFFICE - MIDNAPORE

NOTICE INVITING TENDER / QUOTATION

Indian Bank, Zonal Office MIDNAPORE invites sealed tenders / quotations in the prescribed format on item rate basis on two bids system (technical & financial) systems from the interested, reputed, well experienced contractors as per eligibility mentioned hereunder for proposed Electrical and Data Cabling Works in the New Premises of Dholmari Branch and ATM, Vill: Chak Gobindaberia, PO: Basantia, District - East MIDNAPORE.

Full details and Tender / Quotation documents may be downloaded from Banks web site www.indianbank.co.in or may be obtained from Premises & Expenditure Department, Zonal Office Midnapore, OLD WATER TANK, STATION ROAD, Midnapore-721101, West Bengal, as per following programme.

1	Name of work	ELECTRICAL & DATA CABLING Work in New Premises of Dholmari Branch and ATM, District - East MIDNAPORE
2	Estimated cost of work	Rs.3.46 Lakhs
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/ Quotation	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.3500/- (Rupees SIX Thousand Only) by way of DD in favour of Indian Bank payable at MIDNAPORE *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	Payment terms	Payment will be made on satisfactory completion of the job on the basis of actual measurements. Income tax will be deducted as per the rules. Retention money 8% will be deducted from the bill and to be released after 12 months from the date of virtual completion provided no defects is observed during this period.
12	Documents to be attached with the Bill	Managers Completion Certificate, Manufacture Certification, Bills & Photographs showing completion status of work.
13	Liquidated Damages	1% per week of the Contract Value subject to maximum total of 10% of final Contract value
14	Eligibility	 Should be empaneled at least with 2 PSBs / PSUs. Work order and completion certificate from nationalized Bank on similar type of work In ELECTRICAL & DATA CABLING, under the financial category not less than the estimated cost. Should be in possession of "A" grade license or respective license as per the voltage level issued by the competent authority (respective state govt electrical inspector). Should have experience of minimum 5 years. Should have done minimum 5 works during last 3 years.





		 6. List of works in hand to be submitted. 7. Should be a profit making organization during last 3 yrs. 8. Should have minimum 1.80 lac turnover per year during previous 3 financial years. 9. Contractor should have adequate tools and equipment required for proper execution of work within the prescribed time. The contractor should have sufficient number of technicians and administrative personnel for proper execution of contract. The contractor should submit a list of employees. (Supporting documents on above points to be attached)
15	Tender / Quotation Documents	Tender / Quotation documents can be obtained from Indian Bank, Zonal Office, Premises Department, Near Old Water Tank, Station Road, Midnapore-721101 from 19/06/2021 to 14/07/2021 on all working days during office hours and / or can be downloaded from the Bank's website (www.indianbank.in)under Tenders column.
16	Last date of submission of tenders / quotation	14/07/2021 upto 14:00 HRS at Indian Bank, Zonal Office, Premises Department, OLD WATER TANK, STATION ROAD, Midnapore-721101
17	Date of opening Tender / Quotation	14/07/2021 at 16:00 HRS Indian Bank, Zonal Office, Premises Department, OLD WATER TANK, STATION ROAD, Midnapore-721101
18	Terms and conditions	As per Technical Bid part - B

Note:

- 1. The Bank will not be bound to accept the lowest tender / quotation and reserves the right to accept or reject any or all the tender without assigning any reason whatsoever. Late / delayed tender shall not be accepted after due date and time of submission of tender.
- 2. The rates quoted by the tenderer / quotation offerer 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/quotation.

Tenders Documents: - Technical Bid and Financial Bid.

A) Technical bid: Part-A +Part B + Tender Fee + EMD

B) Financial bid: Schedule of Quantity

The duly filled in offer completed in all respect in two separate sealed covers marked "Technical Bid" & "Financial Bid" and superscribing "Electrical & Data Cabling" Works etc. at new premises of Dholmari Branch and ATM" on top and name, address, contact no. & e-mail id of the vendor at bottom left corner should be addressed to

The Zonal Manager

Indian Bank, Zonal Office: Midnapore, OLD WATER TANK, STATION ROAD, Midnapore-721101
Dist- Paschim Midnapore, West Bengal

Date: 19.06.2021 Place: Midnapore

(ZONAL MANAGER)





FORM OF TENDER

Technical Bid Part - A

Indian Bank
Zonal Office MIDNAPORE
Premises Department
Near Old Water Tank, Station Road
MIDNAPORE – 721101

Dear Sir,

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

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.3500 /- (Rupees three thousand five hundred only) by crossed demand draft payable at MIDNAPORE 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. 3500/- (Rupees three thousand five hundred 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.

The Bank will not be bound to accept the lowest tender / quotation and reserves the right to accept or reject any or all the tender/quotation without assigning any reason whatsoever.

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

I/We enclose the completed tender doc Earnest Money Deposit Rs (I	uments duly signed under two separate sealed envelopes and the Rupeesonly) by Bank Draft No.
Thanking you,	
	Yours faithfully,
	To be signed by the Authorized Representative of Tenderer who has the Power to do so]
Place:	Witness Signature:
Date:	Name:
	Address:
	Seal:





GENERAL RULES AND INSTRUCTION FOR THE GUIDANCE OF TENDERERS

Technical Bid Part - B

GENERAL RULES AND INSTRUCTION FOR THE GUIDANCE OF TENDERERS/QUOTATION OFFERERS

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 Near Old Water Tank, Station Road MIDNAPORE – 721101 and any of its employees representative authorized on their behalf.
- Throughout these bidding documents, the terms "bid", "quotation" and "tender" and their derivatives
 ("bidder"/"quotation offerer"/"tenderer"), "bidered / quotation submitted / tendered",
 "bidding"/"quotationing"/"tendering", etc. are Synonymous.
- Day means calendar day. Singular also means plural
- "Contractor" means the person whose Tender/Quotation 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/Quotation offerer: The term 'Tenderer/Quotation offerer' 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.
- Tenderer/Quotation offerer, which should always be placed in sealed cover, with the name of the work written on the envelope "Electrical, AC & Data Cabling Work in New Premises of Dholmari Branch and ATM, District EAST MIDNAPORE" will be received by Senior Manager (P&E), Indian Bank, Zonal Office, Premises Department, MIDNAPORE.
- Earnest money amounting to <u>Rs.3500/- (Rupees three thousand five hundred only)</u> in the form of Demand Draft drawn in favour of "<u>Indian Bank"</u>, <u>payable at MIDNAPORE</u> must accompany each tender. EMD amount will not carry interest. Tender/Quotation 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.
- The Indian Bank does not bind itself to accept the lowest or any tender/quotation and reserves to itself the right of accepting the whole or any part of the tender/quotation and the Tenderer/Quotation offerer shall be bound to perform the same at the rate quoted.
- a. The rate quoted by the Tenderer/Quotation offerer 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/Quotation offerer and the Indian Bank will not entertain any claim whatsoever in this respect.

The rate quoted should be excluding GST.

 $The\ Tenderer/Quotation\ offerer\ who\ wishes\ to\ quote\ for\ the\ tender/quotation\ should\ have\ GST\ registration\ and\ should\ mention\ the\ registration\ number.$

On selection of L-1 tender / Quotation, the L-1 contractor should submit solvency certificate to the extent of 2.40 lac. Copy of latest solvency certificate issued by a scheduled commercial Bank to be





- 6 The Tenderer/Quotation offerer 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/quotation or engagement in the Tenderer/Quotation offerer service.
- The tender/quotation for works shall remain open for acceptance for a period of 90 days from the date of opening of Tender/quotation. If any Tenderer/Quotation offerer who withdraws his tender/quotation before the said period, then the Indian Bank shall be at liberty to forfeit Earnest Money paid along with the tender.
- The tender/quotation for the work shall not be witnessed by a Tenderer/Quotation offerer or Tenderers/Quotation offerers who himself/themselves has/have tendered/submitted quotation or who may and had/have tendered/submitted quotation for the same work. Failure to observe this condition would render Tenderer/Quotation offerer of the Tenderers/Quotation offerers tendering as well as witnessing the tender/quotation liable to summary rejection.
- 10 It will be obligatory on the part of the Tenderer/Quotation offerer to tender/quotation and sign the tender/quotation documents for all the component parts.
- 11 Transfer of tender/quotation documents purchased by one intending Tenderer/Quotation offerer to another is not permitted.
- The Tenderer/Quotation offerer must pay the amount of Earnest Money as mentioned in the Notice of Tender/quotation Invitation by Bank Demand Draft payable to Indian Bank. No interest on Earnest Money deposited by the Tenderer/Quotation offerer shall be allowed. The Tenderer/Quotation offerer should attach the Bank Draft along with the tender/quotation failing which the tender/quotation will not be considered. No other mode of payment shall be accepted.
- 13 The Earnest Money Deposit of unsuccessful Tenderers/Quotation offerers 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 SIX months.
- 14 The Earnest Money Deposit of the successful Tenderer/Quotation offerer shall be refunded on the acceptance by the Employer of the Contractor's Demand Draft towards Security Deposit.
- 15 The EMD of the Tenderer/Quotation offerer, whose tender/quotation is accepted, shall be forfeited in full in case he does not start the work by stipulated date mentioned in the award letter.
- 16 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 from the date of completion of work), subject to satisfactory rectification of defects noticed, if any. ISD and Retention Amount held in our Bank's Book will not carry any interest.
- 17 The acceptance of a tender/quotation will rest with the Indian Bank and the Indian Bank reserves to itself the authority to reject any or all of the Tenderer/Quotation offerer received without the assignment of a reason. Tenderer/Quotation offerer 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/quotation in full or in part and the Tenderer/Quotation offerer shall have no claim for revision of rates or other conditions if his tender/quotation is accepted in parts.
- 18 Canvassing in connection with tenders is strictly prohibited and the Tenderer/Quotation offerer submitted by the Tenderers/Quotations who resort to canvassing will be liable to rejection.
- All rates shall be quoted on the proper form of the tender/quotation 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.
- 20 An item rate tender/quotation containing percentage below / above will be summarily rejected. However,





- where a Tenderer/Quotation offerer voluntarily offers a rebate for payment along with sealed tender, the same may be considered.
- 21 On acceptance of the tender/quotation the name of the accredited representative(s) of the Tenderer / Quotation offerer who would be responsible for taking instructions from the Indian Bank shall be communicated to the Indian Bank.
- 22 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.
- 23 The Contractor shall within 7 days of receiving the WORK ORDER submit <u>INITIAL SECURITY DEPOSIT</u> of <u>2% of the contract value in the form of a Demand Draft</u>. On acceptance of the Demand Draft, the Earnest Money Deposit shall be refunded to the Contractor.
- The Contractor shall comply with and give all notices required under any law, rules, regulations, or byelaw 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.
- 25 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.
- 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.
- 27 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.
- 28 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.
- 29 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,
- 30 The Tenderer/Quotation offerer 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/Quotation offerer.
- 31 The successful Tenderer/Quotation offerer 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.
- 32 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.
- 33 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.
- 34 No interim payment / Adhoc Payment will be entertained in any case





35 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.

36 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.1.00 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.

- 37 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.
- 38 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.
- 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.
- 40 The time allowed for completing the works is 30 days to be reckoned from 5th day from the date of Work Order / date of handing over site whichever is later. Tenderers shall submit a programme (time schedule) deployment of their machinery and resources.
- 41 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 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.
- 41 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 event of the employer failing to give possession of time for completion in respect therefore. In the 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.
- 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 &

- 44 The Tenderer/Quotation offerer 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
- 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
- 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
- 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.
- 53 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
its Zonal Office at Near Old Water Tank, Station Pood MIDNAPORD, Towns between Indian Bank and having
its Zonal Office at Near Old Water Tank, Station Road MIDNAPORE – 721101 (hereinafter referred to as the "Employer") which expression shall include its successor, legal heirs and assignees of the one part.
having its office at
Character Co
which expression shall include its successor, legal heirs and assigned of the
WHEREAS the Employer has caused drawings and tender documents for "Electrical & Data Cabling Work in New Premises of DHOLMARI Branch, District – East MIDNAPORE"
AND whereas the Employer has called for tender vide ref. no
AND whereas the contractor has submitted the tender ref. no
to the Employer on dated dated
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 tender
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
(Rupees) 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 Wayler 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 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
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.

reckoned from 5^{th} 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.3500/- (Rupees three thousand five hundred 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.

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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 MIDNAPORE 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





LIST OF APPROVED MATERIALS FOR ELECTRICAL WORK AT INDIAN BANK, DHOLMARI BRANCH

SL NO	ITEM	APPROVED MAKE
1	MS pipe ISI mark. 16 SWG	BEC / NIC
2	MS pipe ISI mark. 16 SWG	BEC / NIC
3	M.S. fittings (Bend / Elbow / G.I Saddle / 3way circular box)	BEC / NIC
4	Wire PVC insulated copper flexible wire. FR	FINOLEX / HAVELL'S
5	A.C. Starter	NORTH-WEST / CRABTREE/ MDS LEGRAND
6	250 Volt 6/16 Amp. 3 pin modular type switch,socket	MDS LEGRAND / CRABTREE / ABB/ ANCHOR ROMA
7	Capacitor	L&T / HAVELL'S
8	Current Transformer	KAPPA / L&T/ SCHNEIDER (CG) A.E
9	Changeover Switch	L&T / HPL / GEC / HAVELL'S
10	Amps meter & Voltmeter 96x96 mm (Analog)	AE / L&T / ALSTOM / HPL / HAVELL'S
11	Miniature Circuit Breaker & MCB Distribution Boards,RCBO	ABB / L&T(HAGER) / SCHNEIDER(CG)/SIEMENS/ HAVELL'S
12	Armoured Cable	NICCO / FORT GLOSTER / HAVELL'S / CCI
13	Telephone Socket RJ – 11	CRABTREE / ABB / MDS LEGRAND
14	Telephone Cable (0.51mmsq) 10/20 pair	NATIONAL / DELTON / NETCO / FINOLEX / RETCO
15	Lugs	DOWELLS
16	Light Fittings/ Fixtures	HAVELLS / PHILIPS / CROMPTON
17	Terminal Connector	HAVELLS
18	Exhaust Fan	HAVELS / CROMPTON
19	Wall mounted (Osyliating Type) / Pedestal Fan	HALVELS/ CROMPTON / KHAITAN/USHA
20	SFU / SPN / TPN S.M. housing / Open execution front handle with housing	L&T / SIEMENS / HAVELL'S
21	Telephone Connector	KORN TYPE
22	Selector switch (Rotary type)	KAYCEE / A.E / L&T/ SIEMENS
23	Rigid PVC conduit	B.E.C., KALINGA, AKG
24	Clock switch/time switch	L&T
25	Join box 6"x4" MS box heavy type	LOCAL MAKE
26	Bearer Call Bell	ANCHOR/MAX/ROMA
27	Brass Cable gland	ARUN(HEAVY TYPE) / DOWELLS
28	LED Indicator (bright type)	MIKADOV / L&T / MDS
29	МССВ	SIEMENS / L& T / HAVELL'S
30	Metal Clad socket & plug having scraping earth arrangement	SIEMENS / L&T / SCHNEIDER
31	All other items not covered above	AS PER SAMPLE APPROVED BY EMPLOYER/CONSULTANT

Note -

- Materials mentioned in the specification shall be used for the work. If specified material is not available prior approval of the Employer shall be taken to use other brands.
- 2. Preference of makes, supply of items should be consulted with client/consultant before effecting of supply.

NAME AND ADDRESS OF THE CONTRACTOR:

	•		OR MILE	CONTR	ACTOD.
SILTIN	Č.	SEAL	OF THE	CONTR	ACION

Date:

Place:





S.NO.	DESCRI	OTV			
	di di	QTY.	UNIT	RATE	AMOUNT
1-272	PARTICULAR				
1	Supply, laying, connection & testing of light.				
	fan point, wiring by 2x1.5mmsq(2x3/.029) +				
	1x1mmsq PVC insulated copper flexiable wire		_	_	
	maintating the colour code as per direction in		_		
	PVC conduite of 20mm with ISI mark 1.5mm				
	thickness to conceal in wall partition mending				
	good the damage, complete with PVC circular				
	box, bend to be done as per drawaing				
	including 3 point ceiling rows wherever				
	required GI saddle to be used for fixing,				
	metal flexiable/PVC flexiable pipe may use				
	if requied in partition wall. All PVC pipes				
	should be with ISI mark. No joints will be				
	allowed inside pipe, light, fan & plug point				
	complete with modular type switch plate &				
	MS box .				
a)	Lighting point complete with modular type	_			
	switch, plate, M.S. conceal box.				
	Point - 1 Light point control by 01 switch.	16	Nos		
	Point - 2 Light point control by 01 switch.	14	Nos		
	Point - 3 Light point control by 01 switch.	2	No.		
	Point - 4 Light point control by 01 switch.	0	No.		
b)	Exhust fan point same as item No. lacomplete with modualr type switch plate &MS conceal box & 3 pin ceiling rose.	3	Nos		
c)	Wall bracket fan point as above complete with modular type switch, plate & M.S. conceal box. Including one 2pin plug socket, front plate & conceal box at fan end.	8	Nos		
d)	48" dia ceiling fan point as above complete with modular type switch, plate & M.S. conceal box. Including one 2pin plug socket, front plate & conceal box at fan end.	2	Nos		





	Call bell point same as as bove complete with modular type push switch, plate & M.S. conceal box	1	No.	
e)	with buzzer type bell. Supply Laying of Circuit line2x2.5mmsq.			
2	+1x1mmsq PVC insulated copper wire form MCB DB(LDB) to lighting SB & Raw power plug point (6Amps)rest are same as item no.1.3 light board or 6 amps plug connected from one circuite.	223	Mts	
	C. L. D'. '. O			
a)	Supply Fixing & connection of modular type 6 amps Plug switch complete with Ms box Socket to fixed above table. 03 nos plug can be connected from 01 circuite	9	No.	
b)	Same as above but 16 Amps 6pin socket with 16amps switch for raw power point. (01 Nos plug connected from one circuite.)	6	No.	
				-
CY				
SL.	PARTICULAR SUPPLY FLYING & CONNECTION			
	SUPPLY FIXING & CONNECTION LIGHT FITTINGS / FANS:			
	LIGHT FITTINGS / FAINS :			
A	Recess mounted 36 watt LED PHILIPS/ HAVELS MAKE FITTING 2'-0"X2'-0"	12	Nos.	
В	PHILIPS/ HAVELS make 1x40 watt Tubelight fittingswith truelite with both end cap white	4	Nos.	
С	Recess mounted 40 watt LED PHILIPS/ HAVELS MAKE down lighter.	20	Nos	
D	225 mm dia heavey duty Exhust fan 230 volt A.C.			
	(EPC/PHILIPS make).	3	Nos	
Е	Wall mountaing fan 400 mm dia 230 volt A.C.	8	Nos.	
F	48" CEILING FAN WHITE COLOUR (ORIENT/PHILIPS/HAVELS)	2	Nos.	
G	PHILIPS/ HAVELS make 2x40 watt TL fittingswith truelite with both INDUSTRIAL TYPE FIXED DIRECT ON TRUE CEILING.	0	Nos	
Н	PHILIPS/ HAVELS make 1x40 watt 2' lenthTubelight fittingswith truelite with both end cap white for cash counter	4	Nos.	

5	UPS WIRING:			1	
a)	Supply fixing & connection of UPS circuite line with 2x2.5+1x1.5mmsq through regid PVC conduite 20mmdia 1.6 mm wall tickness, with ISI mark, to lay from UPS MCB DB to plug point board.rest same as item no.1 Two nos point to be connected from One circuite.	182	Mts		
b)	Supply fixing & connection of UPS circuite line with 16 sqmm (approved make) wire to be connected from main to UPS for use UPS charging purpose only. Connection must through with MCB.	20	Mts		
c)	Suppy fixing of 2x6Amps 5 pin socket + 1x16 Amps 6 pin socket in single board (under table) + 1x16 A switch in another board above table as per direction.	9	Set		
	Same as above but 3x6/16, 6pin socket with switch				
d)	to provide near HUB rack, are to be connected from UPS power.	2	Set		
e)	Supply laying & connection of UPS incomming power linewith 2x6mmsq +1x2.5 PVC insulated copper wire rest same as item no item no. I from PDB to UPS incomming power switch.including I nos outgoing line.	44	mtr		
f)	Supply installation of UPS incomming 63Amps DP MCB with original housing of Legrand make.	4	no		
g)	Supply installation and termination of UPS outgoing power distribution system with 10+2Way SPN DB comprising8x10Amps SP MCB & 40 Amps DP MCB as main	4	no		
6	I AVING OF CARLE.				
a)	Supply laying fixing main power with 35 mm sq 3.5 core PVC insulated, PVC sheated Alu. Conductor, 1100 v. grade armoured cable complete with 02 nos 8 SWG bear Gl. wire as running earth.	20	Mts.		
b)	End termination of 50 mmsq 3.5 Core armoured cable, complete with brass cable gland, Alu. Lug, PVC tape.	2	End		



7	MAIN ELECTRICAL Cubical type panal.		CONTRACTOR OF THE PARTY OF THE	养	1	
7.1	MAIN VTPN DB	-				
	Supplying, installing, testing & commissioning	-				
					•	
	of 24 Slots, Vertical busbar, MCB type Power Distribution					
	Board (MAIN VTPN DB), flush mounted on wall, sheet					
	metal fabricated, powder coated, having					
	dust-proof and vermin proof, and hinged door					
	with all internals such as DIN rails, neutral-link.			_		
	interconnected wiring complete with earthing		-			
	lugs housing following switchgears.					_
	1 no., 125A, 4P MCCB as incomer	-				
	4 no., 63/40A, TP MCB					
	8 no.,40/32/25 A SP MCB					
	6 nos, 20/16A, SP, MCB outgoing					
	, see s, med outgoing	1.00	SET			
i	125 amps 4D CHANGE OVERSON					_
	125 amps 4P CHANGE OVERSWITCH ON LOAD TYPE in sheet steel enclosure complete with all mounting accessories before lighting DB with necessary cable jointing adaptor box	1.00	No			
ii	32/25A roll socket complete with 32/25/16/10 amps DPMCB with 3 pin metal clad socket - waterproof tight (IP 65) for wall unit split AC machine	_	Nos			
iii	40A/32A DP MCB in sheet steel enclosure complete					
	with all mounting accessories for UPS & others	2.00	Nos			
	Providing and Supplying 40 A TP MCB as a master Switch to switch off all the LDB Loads, located at the Entrance of the Branch.	1.00	Nos.			
	DISTRIBUTION BOARDS					_
t t t c c c c c c c c c c c c c c c c c	Supply, installation, testing & commissioning of Distribution Boards surface / flush mounted with Double door containing MCB/ELMCB as incomer and SPMCB as outgoing. All MCBs are of 10KA breaking capacity and ELMCBs/RCCB should be of 30mA/100 MA sensivity. The DB shall have appropriate no. of top and bottom knock outs for outgoing circuits and shall be complete with necessary busbars, interconnection erminals and earth studs. All terminations in DB shall be complete with ferulling, dressing and all circuits hall be properly labeled with PVC strip (sticker type) having identification as per the final approval of Consultant. For UPS DB MCB shall be 'D' type and ther MCBs shall be 'C' category for lighting and raw ower DB					



i	Lighting & power Distribution Board -	New York and the second		_	
	gg & power bistribution board -	1.00	No		
	12 way TPN DB	1.00			
	Incomer40A 4P MCB C TYPE+elcb30mA				
	Outgoings :6/10 SP MCB, 'C' Type - 36 Nos				_
ii	Power Distribution Board (ATM ROOM)	1.00	No		
	4 way TPN DB				****
	Incomer:40A 4PMCB+ ELCB 100 ma				
	Outgoings: 32 A SP MCB - 2 Nos; 16/20 SP MCB, 'C' Type - 4 Nos				
iii	UPS Power Distribution Board -(FOR 3KVA UPS)		No		
	12 way SPN DB	1.00	No		
1					
	Incomer:40A DP MCB, 'D' Type				
	Outgoings:16/10 SP MCB, 'D' Type – 10Nos				
iv	UPS Power Distribution Board - UPS DB-2KVA-ATM)				
		1.00	No		
	6 way SPN DB				
	Incomer20A DP MCB, 'D' Type				
	Outgoings :16/20 SP MCB, 'D' Type - 4 Nos				
8	EARTHING STATION:				
a)	Earthing installation as per I.E. rule conforming				
	to IS 3043-1987 or its latest amendent by				
	making earth station with 600x600x3mm(mini-				
	mun) thick copper plate electrode to be installed				
	such that is top edge shall be at a minimum depth				
	of 3.3mts below ground level after preparation				
	of ground with charcoal, sand ,& salt, connecting				
	the 25x3mm thick copper lead in strip (upto 10				
	mts length) by bolting and brazing to the copper				
	plate complete with Brass bolt of suitable			10-71	
	length double nuts & washer including supply &				
	fixing of 50mm dia 2.3Mts long partly perforated				West
	G.I. Pipe with funnel for watering arragment.				
	N.B :- The Copper plate to be buried under				
1	3.3Mts depth from ground level, including				

	C.I. Pit 300x300mm with necessary brick	2	Set	
b)	- III (F. LIDO			
b)	wall (For UPS earthing).			
	SpikeEarthing with G.I. Electode 3mts. Longx50			
	mm dia (Class - B) including accessories and			
	providing masonary enclosure with cover			
	300x300mm plate having locking arrangement			
	and watering funnel Etc. with charcoal,			
	sand & salt at alternate layer as required			
	for electrical panal earthing.	2	No.	
c)	(For main electrical panel earthing.)	33	Mts	
d)	Supply laying 1x8SWG copper bear wire from			
	earth spike to main panal.(Electrolite wire)			
	Do but with 1x16mmsq insulated			
	copper wire from earth spike to UPS earth			
	bus bar through PVC regid 20mmdia ISI mark.	45	Mts	
	ous our unought ve regio zonnidia isi mark.	43	IVILS	
9	A/C. electrification :-			
a)	Supply laying & connection of A/C. line for			
100000	1.5 / 1TR A/C. window / splite with $2x4 + 1x2.5$	118	Mts	
	mmsq throughRegid PVC conduite rest same			
	item no 1.			
b)	S/Fixing AC Box as per company specification with 25 Amp SPMCB with 25AMP Socket	6	Nos	
10	Out door two along the last			
	Out door type glow sgn board wiring:	17	2.6	
a)	Supply laying of main line with 2x2.5 +1x1.5	17	Mts	
	mmsq through MS conduite from main panal			
	to glow sign board.			
)	Supply installation of 16 amps DP MCB at main			
	entrance Glow sign board WITH TIMMER MDS			
	MAKE	1	Set	
1	Supply fixing of 100Amps TPN HRC type SFU			
	at SEB for main incomming on MS angle.	1	No.	
	frame & 02 nos Cable end box including		(Selfostic)	
	connection.			
- 1				

D	Data /Voice Network System	Period will be and a pro-		Î	1	
-1	Supply & Installation of cat - 6 Data Cable	290.00	Mtr	iii		
2	RJ - 45 Data Socket With Plate	280.00	Nos			_
3	RJ - 11 Voice Socket	9.00	Nos			_
4	Supply & Installation of Voice Cable - 4 pair	9.00				_
5	Telephone Cable un armoured PVC Sheated . 10 Pair Tag Block Crome type on MS box	280.00	Mtr			
6	P/F 9U Rack	2.00	Nos			
7	SSA SSESSAGE	1.00	Nos			
	EPABX Box	1.00	Nos			
8	Patch code-3 Meter	8.00	Nos			-34-
9	Patch code- 1.5 Meter(inside rack to connect router to patch panel)	8.00	Nos			
10	24 Port Switch		Nos			
11	24 Port Jack Panel	1.00				
		1.00	Nos			
	TOTAL OF ELECTRICAL WORK					



















