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Indian Bank

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ALLAHABAD

**INDIAN BANK  
ZONAL OFFICE KOLKATA CENTRAL**

**NOTICE INVITING TENDER FROM BANK'S EMPANELLED CONTRACTORS**

Indian Bank, Zonal Office KOLKATA Central invites sealed tenders in the prescribed format on item rate basis (financial) **from the Bank's empanelled contractors** for proposed Electrical (including fittings) and Data Cabling Works in the existing Premises of Ballygunge Branch, at 69,Rash Behari Avenue, Kolkata 700029. Full details and Tender documents may be downloaded from Banks web site [www.indianbank.co.in](http://www.indianbank.co.in) or may be obtained from Premises & Expenditure Department, Zonal Office Kolkata Central, 5<sup>th</sup> Floor, 377&378 GD Block, Sector-III, Salt Lake, , Kolkata-700106, West Bengal, as per following programme.

1	Name of work	Electrical (including fittings) and Data Cabling Work in the existing Premises of Ballygunge Branch, KOLKATA.
3	Period of completion	30 days to be reckoned from 5 <sup>TH</sup> 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	<b>Application Fee</b>	<b>Rs.500/-</b>
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	<b>1%</b> per week of the Contract Value subject to maximum total of <b>10%</b> of final Contract value
14	Eligibility	<b>BANK'S EMPANELLED CONTRACTORS</b>
15	Tender Documents	Tender documents can be obtained from Indian Bank, Zonal Office, Kolkata Central, Premises Department, 5 <sup>th</sup> Floor, 377&378 GD Block, Sector-III, Salt Lake, Kolkata-700106, from

		04/03/2023 to 18/03/2023 upto 5 pm on all working days during office hours and / or <b>can be downloaded from the Bank's website (www.indianbank.in ) under Tenders column.</b>
16	Last date of submission of tenders / quotation	18/03/2023 upto 5 pm at Indian Bank, Zonal Office, Premises Department, Zonal Office Kolkata-1, 5 <sup>th</sup> Floor, 377&378 GD Block, Sector-III, Salt Lake, , Kolkata-700106.
17	Date of opening Tender	20/03/2023 at 11 am at Indian Bank, Zonal Office, Premises Department, Zonal Office Kolkata Central, 5 <sup>th</sup> Floor, 377&378 GD Block, Sector-III, Salt Lake, , Kolkata-700106.
18	Terms and conditions	As per Technical Bid part - B

Note:

1. The Bank will not be bound to accept the lowest tender 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 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: -**

**A) Technical Part-A + Part B + Application Fee**

**B) Financial bid: Schedule of Quantity**

The duly filled in offer completed in all respect in sealed cover marked "Financial Bid" and superscribing "ELECTRICAL (including fittings) and DATA CABLING" Works etc. at Existing premises of Ballygunge Branch 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: Kolkata Central, 5<sup>th</sup> Floor, 377&378 GD Block, Sector-III, Salt Lake, , Kolkata-700106, West Bengal**

Date: 04/03/2023

Place: Kolkata

( DY ZONAL MANAGER )

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**PREMISES DEPARTMENT, ZONAL OFFICE KOLKATA CENTRAL**

TENDER DOCUMENT FOR **BANK'S EMPANELLED CONTRACTORS**  
FOR ELECTRICAL & DATA CABLING WORKS IN THE EXISTING  
PREMISES OF INDIAN BANK, BALLYGUNGE BRANCH, KOLKATA

Ref:No : ZOKOL CENTRAL: PRM: TENDER:2022-23: 03

Date : 04.03.2023

Issued to:

M/S. ....  
ADDRESS .....  
CONTACT.....  
E-MAIL: .....

Last date of submission of Tender	18/03/2023 upto 17:00 HRS at Indian Bank, Zonal Office, Kolkata Central, Premises Department, 5 <sup>th</sup> Floor, 377&378 GD Block, Sector-III, Salt Lake, Kolkata -700106
Date of opening Tender	20/03/2023 at 11:00 HRS at Indian Bank, Zonal Office, Kolkata-Central, Premises Department, 5 <sup>th</sup> Floor, 377&378 GD Block, Sector-II, Salt Lake, Kolkata -700106
Cost Of Tender	Rs.500/-.

**CONSULTANT:**

**M/s. Axis**

Architecture .Interior. Engineering. QAQC

DD185, 1<sup>st</sup> Floor, Street No.295, New Town, Kolkata 700156

Contact No. 033 4604 2323

Email: arch.axis2011@gmail.com

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**FORM OF TENDER**

**Technical part - A**

Indian Bank  
Zonal Office Kolkata Central  
Premises Department  
5<sup>th</sup> Floor, 377&378 GD Block,  
Sector-III, Salt Lake, ,  
Kolkata-700106,  
Dear Sir,

**SUB: Invitation of Tender for ELECTRICAL (INCLUDING FITTINGS) AND DATA  
CABLING Work in the existing Premises of Ballygunge Branch, KOLKATA**

I /we, being empanelled contractors of the Bank and 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.500 /- (Rupees Five Hundred Only)** by crossed demand draft payable at KOLKATA and drawn in favour of "Indian Bank" as Application Money for the due execution of the works at my/our tendered, 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 Deposit 2% of the work order as ISD (initial security deposit), if selected. The amount will be forfeited 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 and reserves the right to accept or reject any or all the tender without assigning any reason whatsoever.

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

I/We enclose the completed tender documents duly signed under sealed envelopes and the Application Money of Rs.500/- (Rupees Five Hundred only) by Bank Draft No. .... dated ..... Issued 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:

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## FORM OF TENDER

Technical Part B

### Electrical Works, Fittings and Data Cabling Works etc. at the existing premises of Ballygunge Branch at 69, Rash Behari Avenue, KOLKATA -700029

#### TERMS AND CONDITIONS

1. The Contractor is advised to inspect and examine the sites and satisfy himself as to the condition prevailing at sites and its surrounding extent of work, scope and conditions under which the work is to be executed. The contractor shall also satisfy himself about the accessibility to the premises.
2. **The rate quoted in the tenders shall be inclusive of all materials as required.**
3. **Work will be completed within the period of 30 days from the work order whichever is earlier. If the work be not completed to the satisfaction of employer within the stipulated period, the contractor will be bound to pay to Indian Bank a sum equivalent to Rs. 2000/- per day subject to ceiling of 10% of the accepted contract amount by way of liquidated damages and not as penalty during which the work remains uncommenced or unfinished after expiry of the completion date.**
4. Contractors are required to submit time schedule of work. After completion of work, cleaning of floors, walls and the site shall be cleared of all rubbish in all respect. All holes shall be filled up and finished as per existing finishes.
5. The tenderer must obtain for himself on his own responsibility and at his own expenses all the informations which may be necessary for the purpose of filling this tender and for entering into a contract for the execution of the same and must examine the drawings and inspect the site of the work and acquaint himself with local conditions and matters pertaining thereto, nature and requirements of the work facilities of transport condition, access and storage of material. The tenderer shall provide in their tender the cost of carriage, freight and other charges as also for any special difficulties and including police restriction for transport etc. for proper execution of the work as indicated in the drawings. The successful tenderer will not be entitled to any claim of compensation for difficulties faced or losses incurred on account of any site condition which existed before the commencement of the work or which in the opinion of the architects might have deemed to have reasonably been inferred to be so existing before commencement of work.
6. Each of the tender documents is required to be signed by the person or persons submitting the tender in token of his having acquainted himself with all the conditions/ specifications as may be laid down. Any tender with any such document / paper not signed or with details marked as applied for shall be out rightly rejected. It will be obligatory on the part of tenderers to sign on all the pages of the tender. Conditional tenders shall be rejected. If any of the documents are missing or unsigned the tender shall be considered as invalid also rates not filled up in any item or marked as actual plus percentages shall make the tender as invalid and shall be rejected.
7. The tender form must be typed/written in ink and not by the pencil. The tenderer shall not make any correction/alteration on these documents. Over writing of figures is not permitted. Failure to comply with either of these conditions will render the tender void. No advice or any change in rates or conditions after submission of the tender will be entertained.
8. **Security deposit equivalent to 10% from each running bill shall be deducted and shall be returned after expiry of defect liability period of 12 months from the date of virtual completion as certified by the architect, provided to the satisfaction to the Bank.**

9. All compensation or other sums of money payable by the contractor to Indian Bank under the terms of this contract may be deducted from the security deposit or from any other sum that may be or may become due to the contractor on any account whatsoever and in the event of the security deposit being reduced by reason of such deductions the contractor shall within 7 days of being asked to do so make good in cash or cheque any sum or sums which may have been deducted from his security deposit.
10. In case where the same item of work is mentioned at more than one place in the schedule of quantities the lowest of the rates quoted by the contractor shall be taken into account for payment of the item.
11. The rates quoted shall be firm and shall include all costs, charges, freight, allowances, taxes, levies, taxes, royalties etc. as applicable. **GST should be mentioned separately. Taxes like TDS etc. shall be deducted from the bill(s) of the contractor as per prevailing rates.** In case of any exemption claimed in this regard the contractor shall submit requisite certificates from the respective departments to Indian Bank in advance.
12. Any damage done to the property of Indian Bank during execution of work shall be the responsibility of the contractor and it shall be made good by him at his cost to the entire satisfaction of consulting architect/ Indian Bank. The architect & engineer shall have full powers to get the material or workmanship etc. inspected and tested by an independent agency for its soundness and adequacy at the cost of contractor. Prior approval of brand and material of ISI make as per the general material specifications is sole discretion of engineer in-charge binding upon the contractor.
13. **The quantities contained in the schedule are approximate only.**
14. No advance shall be released to the contractors at the start of work. Only one running payment shall be made to the contractor as per the work progress after verification of running bill by the architect/ Bank. Tender shall be valid for a period of 3 months from the due date of its submission. **However, Indian Bank is not bound to accept the lowest or any tender and reserves the right to accept or reject any or all tenders either in whole or in part, without assigning any reason for the same. Conditional tenders are not acceptable and shall be summarily rejected. Further, no communication in this regard will be entertained.**
15. All items of work mentioned in the schedule of quantities are to be deemed and paid as completed works in all respects and details including preparatory and finishing works involved directly, related to and reasonably detectable from the drawings, specifications and schedule of quantities and no further extra charge will be allowed in this connection. In the case of lump sum charges in the tender in respect of any item of works, the payment of such items of work will be made for actual work done on the basis of lump sum charges as will be assessed to be payable by Indian Bank/ Architect.
16. The tenderer should note that the tender is strictly on item rate basis and their attention is drawn on the fact that the rates for each and every item should be correct, workable and self-supporting and based on the specification schedule submitted herewith. Financial bids marked as percentages above or below the PWD BSR / CPWD BSR or any such other instrument would be summarily rejected. If called upon by Bank/ Architects detailed analysis of any or all the rates will have to be submitted. The Architects / Bank is not bound to recognize the contractor's analysis.
17. All designated material samples will be tested and inspected at contractor's expense if desired by the Bank at designated laboratories.
18. The contractor shall conform to the provision of all local byelaws and acts relating to the work and to the regulations etc. of the government and local authorities and of any company with whose system the building is supposed to be constructed. The contractor shall give all the notices required by the said act, rules and regulation and byelaws etc. and pay all charges/ fees payable to such authorities for execution of the work involved. The cost if any shall be deemed to have been included in his quoted rates, taking into account all liabilities for licenses, fees for footpath encroachment, restoration etc. and shall indemnify the employer against such liabilities and shall defend all actions arising from such claims of liabilities.

19. For any further drawings/ details/ clarifications please have an advice through the Bank.
20. **Bank reserves the right to cancel all or any of the tenders and can change / drop/ reduce the quantities/ items mentioned in the schedule at any time, before placing of the order or even during execution. The decision of the Zonal Manager in all matters pertaining to the work execution shall be final and binding.**
21. Prior approval to be obtained in writing from project architect/ bank if any change made in the design/ execution of works.
22. Final bill will not be processed until rectification of defects pointed out by the project architect/ bank is carried out by the contractor.
23. All taxes and duties including sales Tax, E.S.I. charges etc. as applicable, Central or Octroi, Royalties, Interstate transportation etc. on works and materials required for use in this project shall be entirely borne & payable by the contractor. The Employer will not entertain any claim whatsoever in this respect. The rates shall be firm and shall not be subject to cost escalation of labour and material and exchange variations, labour conditions and other conditions whatsoever.
24. **Certified photocopies of – GSTIN, PAN Card, (exemption if any) shall need to be submitted along with all bills for issue of payment.**
25. After opening the envelope containing the offer on the standardized conditions and opening of the priced tender, no correspondence will be entertained.
26. **Incomplete tenders shall be rejected and no further communication in this regard will be entertained.**
27. **Indian Bank has the right to accept / reject any or all tenders without assigning any reasons whatsoever.**
28. The tenders shall remain open for acceptance by the bank for a period of 90 days from the date of opening of the second cover containing the priced tender.
29. The tenderer must use only the Tender forms / documents issued by the bank. If given space falls short for furnishing the information's, separate sheets may be added duly signed by the contractors.
30. **Each page of the tender document must be signed by the contractor.**
31. The Tender submitted on behalf of a Firm shall be signed by all the Partners of the Firm or by a Partner who has the necessary authority on behalf of the Firm to enter into the proposed contract otherwise the Tender may be rejected by the Owners.
32. The Contractor shall not assign the contract. He shall not sublet any portion of the Contract except with the written consent of the bank. In case of breach of these conditions, the bank may cause the Architect to serve a notice in writing on the Contractor rescinding the Contract where upon the Security Deposit shall stand forfeited to the bank, without prejudice to his other remedies against the Contractor.
33. The Contractor shall carry out all the work strictly in accordance with Drawings, details and instructions of the Architect/Bank. If changes have to be made in the design. The same will be done with the prior approval in writing of the bank/ Architect. Contractor shall carry out the same without any extra charge. The Bank's decision in such cases shall be final and shall not be open to arbitration.

34. A Schedule of Probable Quantities in respect of each work and specifications accompany these special conditions. The schedule of Probable Quantities is liable to alteration by omissions, deductions or additions at the discretion of the Architect. Each Tender should contain not only the rates but also the value of each item of work entered in a separate column and all the items should be totalled in order to show the aggregate value of the entire Tender.
35. The Tenderer must obtain for himself on his own and at his own expenses all the information which may be necessary for the purpose of making a Tender and for entering into a Contract and must inspect the site of the work and acquaint himself with all local conditions, means of access to the work, nature of the work and all matters appertaining there to.
36. The successful tenderer should make his own arrangements to store all the materials required for the work. No advance against materials purchased and brought at site will be made. The contractor will have to keep the materials at site under their safe custody and at their risk and cost. The Bank/ Owners of premises are not responsible for damages and losses of such materials brought at site.
37. Contractors are requested to note that no extra item or deviated item of work to be executed without taking prior permission from Bank/Architects, if the extra item or deviated item of work is executed without taking prior permission, Bank shall not be held responsible for the payment of such works executed.
38. Work should be executed only at the site under the supervision of a competent supervisor with strict quality control & workmanship Bank/ Architects may inspect the work during its execution at site.
39. No deviation in the specification and make would be acceptable.
40. All furniture such as counters, tables, etc. shall be computer compatible and shall have key board tray, CPU stand, etc.
41. The names of partners of the contractor's firm to be mentioned below :
- (i)
  - (ii)
  - (iii)
- Name of the partner of the firm authorized to sign Or Name of person having Power of Attorney to sign the Contract.  
(Certified true copy of the Power of attorney should be attached)
42. The contractors are advised to inspect the drawings available with the Bank before submitting the Tender.
43. I/We are the empanelled Bank's contractors / firms. (letter enclosed)
44. There must be submission of "Single Line Diagram" for electric works and "As built" drawings in original (3 sets) should be a mandatory criteria before releasing final payments to contractor.

I / We hereby declare that I / We have read and understood the above instructions for the guidance of Tenderers.

Date:  
Place:  
Contractor

Signature, Seal and address of



INDIAN BANK, BALLYGUNGE BRANCH

BUDGETARY ESTIMATE OF ELECTRICAL WORK FOR INDIAN BANK, BALLYGUNGE BRANCH, KOLKATA					
SL.NO.	PARTICULAR	Unit	Quantity	Rate	Amount
<b>1</b>	<b>PANEL &amp; DISTRIBUTION BOARDS.</b>				
<b>1.1</b>	<b>MAIN PANEL</b>				
	Supply , Installation Testing & Commissioning of Main LT Panel wall mounted front operated totally enclosed , vermin proof , indoor non drawout-cubicle type ,power panel fabricated out of 2mm thick CRCA sheet having gasketed hinged cover on each cubicle fully power coated/enamel painted after seven tank treatment incorporating horizontal and vertical sleeved copper bus bar complete with all internal wiring danger board , two earthing earthing terminal ( including nut ,bolt and washer) . On top side of the panel, cable entry arrangement is to be done for incoming and outgoing of lines. One 6" x 4" enamel type 440 Volts danger board to be fixed on the main panel busbar cover. All switches are front handle operated and all MCB knob should be visible. All componenets are to be provided in separate compartment and as per details below				
	1 No. 100 A, 35 KA, 4P MCCB, as Incomer				
	1 No. 63 A, 35 KA, 4P on Load Changeover switch as Incomer				
	2 Nos. 100 A 4-Bar Copper Bus bar				
	2 Nos. 40 A DP MCB For UPS Incomer				
	1 Nos. 63 A TP MCB ATM				
	1 No. 63 A 4-P MCCB Br controlling				
	1 No. 63 A 4-P MCCB A.C.controllin				
	1 No. 20 A DP MCBs sign board				
	1 No. 20 A DP MCB 2-NO, NC, 24-Hours timer, 1-No 25-A Contractor coil volt-220 2-nos Indicator 4-w Terminal				
	Ammeter 0-100 A with 3 Nos. CT & selector switch 96 x 96 mm-01 set (A.E make) (CT ratio 100/5) A.E. make - 1 set				
	Voltmeter-0-500 Volt A.C. 50 Hertz 96 x96 mm with selector switch (A.E make)-01 set				
	22 mm dia LED indicator Lamp - 6nos				
	02 AMPs sliding fuse - 6 set				
	150 x 100 mm enamel danger board 440 Volt(to set on bus bar cover) - 1 no				
	Complete Set as Above	NO	1.00		
<b>1.2</b>	Supply and fixing of 100 AMPs TPN HRC type SFU for main incoming on MS angle frame and 02 nos. cable end box including connection complete with wire, lug, pvc tape	NO	1.00		
<b>2</b>	<b>DISTRIBUTION BOARD</b>				
	S& F Flush Type, powder coated, Double door front opening & front operation system complete in all respect. As following.				
<b>2.1</b>	<b>Lighting D.B. (TPN 4-way D.D.DB)</b>	SET	1.00		
	i) Incoming 1no.40A TPN MCB				
	ii) Outgoing 10 Nos. 6/20A SP MCB.				
<b>2.2</b>	<b>POWER DB (TPN4way D.D.DB)</b>	SET	1.00		
	i) Incoming 1no.63A TPN MCB				
	ii) Outgoing 10 Nos.16/20/25A SP MCB.				
<b>2.3</b>	<b>UPS D.B.(SPN 8-wayDB)</b>	SET	2.00		
	i) Incoming 1No.32A DP.MCB.				
	ii) Outgoing 8Nos. 6/25A SP MCB.				
<b>3</b>	<b>CABLES AND CABLE END TERMINATION</b>				
<b>3.1</b>	Supply & Laying of 4.0 C X 50 Sqmm Al. Ar. XLPE Cable From Meter room to Panel including cable End Termination	MTR	50.00		
<b>3.2</b>	Supply & Fixing 3.5 C X 25 Sqmm Al. Ar. XLPE Cable From DG to Panel including cable end termination.	MTR	55.00		
<b>3.3</b>	Supply & Fixing 3.5 C X 25 Sqmm Al. Ar. XLPE Cable From panel to power DB including cable end termination.	MTR	25.00		

INDIAN BANK, BALLYGUNGE BRANCH

BUDGETARY ESTIMATE OF ELECTRICAL WORK FOR INDIAN BANK, BALLYGUNGE BRANCH, KOLKATA					
SL.NO.	PARTICULAR	Unit	Quantity	Rate	Amount
3.4	Supply & Fixing 4.0 C X 16-Sq mm Al. Ar.XLPE Cable From Panel to Lighting DB including cable end termination.	MTR	25.00		
3.5	Supply & Fixing 3.0 C X 10 Sqmm Cu. PVC Insulated wire(FRLS) in PVC Conduit (from panel to UPS DB ) including cable end termination.	MTR	40.00		
3.6	Supply & Fixing 3.0 C X 6 Sqmm Cu. PVC Insulated wire(FRLS) in PVC Conduit (from UPS DB to UPS) including cable end termination.	MTR	25.00		
4	<b>WIRING</b>				
4.1	Wiring for Light Point with 20 mm PVC pipe with 2x1.5 Sqmm (FRLS)wire and 1x1.5 Sqmm green earth (FRLS)wire for light Points as reqd. complete with modular switch with front plate				
4.1.1	One light controlled by 6A switch	NOS	15.00		
4.1.2	Two light controlled by 6A switch	NOS	21.00		
4.1.3	Exhaust fan point with 6 A sw complete with modular switch plate & M.S conceal box & 3 pin ceiling rose.	NOS	3.00		
4.1.4	Fan point complete with modular switch plate & M.S conceal box & 3 pin ceiling rose with electric regulator, modular type.	NOS	14.00		
4.1.5	Call bell point with push type switch, modular plate & M.S. conceal box with buzzer or ding dong type bell	NO	1.00		
5	RAW POINT WIRING-The wiring shall pass through PVC pipe of 20 mm dia with ISI mark to conceal on wall below false ceiling mending good all the damage				
5.1	Supply, laying of circuit line 2x1.5 sq.mm +1 x 1 Sq.mm PVC insulated copper (FRLS)wire from MCB type lighting DB to 6 amp plug points (3 nos. 6 Amps plugs to be connected from one circuit line)	MTR	320.00		
5.2	Modular type 6 A switch with 6A 5 pin socket . Mounted on suitable front plate	NOS	15.00		
5.3	Wiring for Power Point 6/16 A Switch & Socket with 25mm PVC pipe with 2x2.5 Sqmm (FRLS)wire and 1x1.5 Sqmm green earth (FRLS)wire for Power Points as reqd. This line has to be drawn from the power DB. (02 nos. plugs to be connected with one circuit)	MTR	150.00		
5.4	Modular type 6/16 A switch. with 16A 5 pin socket . Mounted on suitable front plate	NOS	4.00		
6	<b>UPS WIRING</b>				
6.1	Wiring for Power Point 6/16 A Switch & Socket with 20mm PVC pipe (ISI mark) with 2x2.5 Sqmm (FRLS)wire and 1x1.5 Sqmm green earth (FRLS)wire through PVC casing 20 mm dia 16 SWG with ISI mark to lay from UPS MCB DB to plug point board	MTR	400.00		
6.2	Supply and fixing of 2 x 6 Amps 5 pin socket + 1 x 16 amps 6 pin socket in single board (under table) + 1 x 16 A switch (Modular switch + socket) in another board above table as per direction	SET	15.00		
6.3	Do- but 3 x 6/16 , 6 pin socket with three control switch to provide near HUB Rack and line printer to be connected from UPS power.	SET	2.00		
6.4	Supplying, installation of UPS incoming 32 Amps industrial socket with 32 Amps SPMCB (2 nos. for out going and 2 nos. for incoming) for 2 Nos UPS.	SET	2.00		
7	<b>DATA/ TELEPHONE-LOW VOLTAGE SYSTEM</b>				
7.1	Supplying, laying and connection of telephone points with 2 pair .51 sq.mm tinned Cu conductor through PVC casing ISI mark from telephone point to Krone DB complete with RJ 11 telephone socket modular type in PVC concealed box	NOS	7.00		

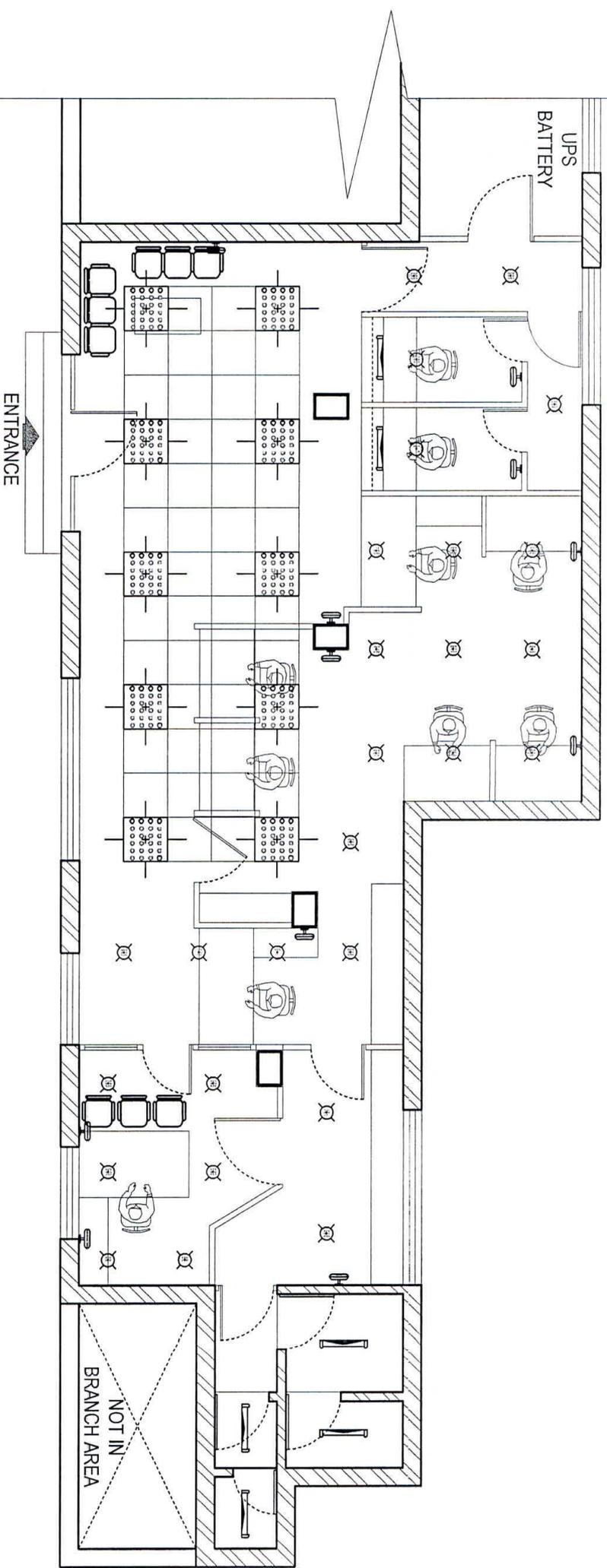
INDIAN BANK, BALLYGUNGE BRANCH

BUDGETARY ESTIMATE OF ELECTRICAL WORK FOR INDIAN BANK, BALLYGUNGE BRANCH, KOLKATA					
SL.NO.	PARTICULAR	Unit	Quantity	Rate	Amount
7.2	Supply, fixing and connection of 10 pair KRONE connector DB complete with PVC moulded Telephone DB box with locking system	SET	1.00		
7.3	Providing and laying Cat 6 cable ( Make : Systimax ) for data through PVC conduits (ISI mark) and providing & terminating with RJ-45 ( krone make ) with face plates / I/O port in suitable modular / MS box from server / EPABX room to individual work stations and terminating other end with RJ-45 connector including numbering with female RJ-45 for Data Points	PTS	20.00		
8	<b>ELECTRICAL FIXTURES</b>				
8.1	Recess mounted 600x600 fittings LED 36W 6K similar to Havells cat no. LHEWEBP7IK1W036 with lamp or Philips/ Osram or equivalent	NOS	10.00		
8.2	15 W, LED 6K,Spotlight flush mounted similar to havells cat no. LHEBJNP7PZ1W015 with lamp or Philips / Osram orequivalent	NOS	30.00		
8.3	1 X 28W T5 LED Tubelight having white lamp	NOS	15.00		
8.4	9" heavy duty exhaust fan with louver in toilet / pantry inclusive of hole cutting in the wall and finished with plastering complete	NOS	3.00		
8.5	Wall Hung fan complete with all fitting and mending good all damages	NOS	14.00		
9	Providing <b>Change over switch</b> (adequate rating) for generator including wiring & installation.	NO	1.00		
10	<b>AIR CONDITIONER</b>				
10.1	Suppy & fixing of starter with 3 pin plug in recessed MS box suitable for 1.5TR AC.	NOS	6.00		
10.2	Supply and Fixing in 25mm PVC Pipe with 2 x 4 sq. mm + 1 x 1.5 sq. mm(FRLS) Cu wire For Single phase A/C Point Complete & reqd.	MTR	500.00		
11	<b>GLOW SIGN BOARD</b>				
11.1	Supplying, laying of main line with 2 x 4 sq. mm + 1 x 1.5 sq. mm(FRLS) through pvc conduit from main panel to glow sign board	MTR	30.00		
11.2	Supplying , fixing of 16 Amps DP MCB at main entrance with Glow sign board timer with contractor (24 hours in original housing)	SET	1.00		
<b>TOTAL</b>					
	<b>LESS for BUYBACK of existing wire, switch, socket etc. in good condition</b>	NO	1.00	LS	
<b>TOTAL AMOUNT</b>					

**LIST OF APPROVED MAKE MATERIALS**

**FOR ELECTRICAL WORKS**

<b><u>Item</u></b>	<b><u>Approved Make</u></b>
1. MS pipe ISI make 16 SWG	BEC/NIC
2. M.S. fittings (Bend/Elbow/G.I. Saddle/3 way circular box)	BEC/NIC
3. Wire PVC insulated copper flexible wire FRLS	Finolex/Havells /Anchor
4. A.C.Starter	Legrand/Havells/ Anchor/ Indo Asian
5. 250 Volt 6 Amp Piano reed type switch,socket,modular plate	Crabtree/Anchor or Panasonic/ Legrand/ Indo Asian
6. 250 Volt 6/16.Amp. 3 pin modular type switch, socket	Legrand/Havells/Anchor or Panasonic/ Indo Asian
7. Relay	Legrand /L&T
8. Capacitor	Legrand /L&T
9. Current Transformer	Kappa/L&T/Schneider (CG)
10. Changeover Switch	L & T / Havells /Bentec/ Indo Asian
11. Amps meter & Voltmeter. 96 X 96 mm (Analog)	L & T / ALSTOM
12. Miniature Circuit Breaker & MCB Distribution Boards, RCBO	Legrand / L & T /Panasonic/ Indo Asian Legrand / Havells/Bentec
13. Armoured Cable	NICCO / Fort Gloster / Havells / CCI
14. Telephone Socket RJ – 11	Crabtree / Panasonic / Legrand
15. Telephone Cable (0.51 mmsq)	Finolex(10 / 20 pair)
16. Lugs	Dowells
17. Light Fittings / Fixtures	Philips / Syska/ Bentec /Panasonic
18. Terminal Connector	ESSEN
19. Exhaust Fan	GEC./Crompton /Havells/ Indo Asian
20. Wall mounted / Pedestal Fan	Khaitan/ Crompton /Havells
21. SFU / SPN / TPN S.M. Housing / Open execution front handle with Housing	L & T / Siemens / Bentec/ Indo Asian
22. Telephone Connector	Krone type
23. Selector Switch (Rotary type)	Kaycee / A.E. / L & T / Siemens
24. Rigid PVC Conduit	B.E.C. Kalinga, Piazza, AKG, Precession
25. Sliding fuse / DZ fuse	Bharat Lender / BCH
26. Clock Switch / Time Switch	L & T, MDS, GIC, T & C
27. PVC Tape	Steel Grip / Anchor
28. Join Box X 6" X 4" Ms Box heavy type	ISI
29. Bearer Call Bell	Anchor / Max
30. Brass Cable Gland	Arun (Heavy Type) / Dowells
31. LED Indicator (Bright type)	Mikadov / L & T / MDS
32. PVC Flexible Pipe	Hanuman / Precession / Kalinga
33. MIBBB	Siemens / L & T
34. Metal Clad Socket & Plug having Scraping earth arrangement	Siemens / L & T/ Indo Asian
35. All other items not covered above	as per sample approved by Employer / Consultant



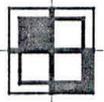
**LEGEND:**

SYMBOL	DESCRIPTION
	EXHAUST FAN
	WALL FAN
	3X3 (PREFERRED 12W) LED DOWN LIGHT
	1X36 (PREFERRED 24W) LED DOWN LIGHT
	1X28 W T5 LIGHT
	1.5/ 1.0 TON SPLIT UNIT

**PROJECT :**  
**PROPOSED ELECTRICAL LAYOUT OF INDIAN BANK, BALLYGUNGE BRANCH**

**ELECTRICAL LAYOUT PLAN**

DWG. NO. - AXIS/IB/ BALLYGUNGE/01  
 SCALE : 1"=7'  
 DATE : 17.02.23



DESIGNED BY:  
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