



(A GOVT. OF INDIA UNDERTAKING)

**ZONAL OFFICE, ASANSOL****NOTICE INVITING TENDER**

Indian Bank, Zonal Office Asansol, invites competitive sealed tenders in the prescribed format on item rate basis two bids (technical & financial) systems from the interested, reputed, well experienced Bank's Corporate Office empanelled contractors / firms (Corporate Office empanelment letter to be enclosed) for the below mentioned work of Purulia (eAB) Branch, District- Purulia

Full details and Tender document 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 Asansol, Udrej Bhavan, 2<sup>nd</sup> Floor, 8 G.T. Road, Asansol, Paschim Burdwan- 713304, West Bengal,** as per following programme.

1	Name of work	<b>Electrical Works, Light &amp; Fan Fitting and Data Cabling Works etc. at new premises of Purulia (eAB) Branch</b> at North Lake Road, Near Saheb Bandh (Near Webel IT Park), P.O+P.S- Purulia, Dist- Purulia- 723101, W.B
2	Estimated Cost	4.08 lakhs
3	Issue of Tender Documents	18.01.2021 to 05.02.2021
4	Submission of Tender	18.01.2021 to 05.02.2021 upto 3:00 P.M.
5	Opening of Tender	06.02.2021 at 3:00 P.M.
6	Date of Commencement	7 days from date of issue of letter awarding the job.
7	Time of completion of job	21 Days from the date of issue of work order
8	Defect liability period	12 Months from virtual completion of work as certified by the architect, provided to the satisfaction to the Bank.
9	Tender Fee	Rs. 500/- in the form of DD/IOI in favour of Indian Bank payable at Asansol (non-refundable).
10	Earnest Money	Rs. 5000/- in the form of DD/IOI in favour of Indian Bank payable at Asansol. (The EMD of the unsuccessful bidders will be returned within 45 days from the date of opening the tender. No interest will be paid on the Earnest Money deposit.)
11	Liquidated Damages for delay	<b>Rs.2000/-</b> per day subject to max. of 10% of total accepted contract amount. (If the work is not completed to the satisfaction of the Employer within the stipulated period, the contractor shall be bound to pay to the Employer 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 un-commenced or unfinished after expiry of the completion date.)
12	Payment Terms	Neither any advance nor any Interim payment will be made. 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 10% 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.
13	Documents to be attached with the Bill	Managers Completion Certificate, Manufacture Certification, Bills & 4-5 Photographs showing completion status of work.
14	Retention Money	10% (Including Earnest Money)
15	Terms and Conditions	As per Technical Bid – Part B (enclosed)



**Tenders Documents: - Technical Bid and Financial Bid.**

**A) Technical bid: Part-A +Part B**

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

The duly filled in offer completed in all respect in a separate sealed covers marked “Technical Bid” & “Financial Bid” and superscribing “Electrical Works, Light & Fan Fitting and Data Cabling Works etc. at new premises of Purulia (eAB) Branch” on top and name, address & contact no. of the vendor at bottom left corner should be addressed to

**The Zonal Manager**

**Indian Bank, Zonal Office: Asansol, “Udrej Bhavan”, 2<sup>nd</sup> Floor, 8 G.T. Road (West),  
Asansol – 713304, Dist- Paschim Burdwan, West Bengal**

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.

**Date: 18.01.2021**

**Place: Asansol**

**(Zonal Manager)**

**FORM OF TENDER**

The Deputy General Manager  
Indian Bank,  
Zonal Office Asansol,  
Udrej Bhavan, 2<sup>nd</sup> Floor, 8 G.T. Road,  
Asansol, Paschim Burdwan- 713304,  
West Bengal

Dear Sir,

**Electrical Works, Light & Fan Fitting and Data Cabling Works etc. at new premises of Purulia  
(eAB) Branch at North Lake Road, Near Saheb Bandh (Near Webel IT Park), P.O+P.S– Purulia,  
Dist- Purulia- 723101, W.B**

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

I/We agree to complete the whole of the work within the time limit specified by the Bank.

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

I/we agree to keep our offer open for a period of 3 months from the date of opening of tenders.

Thanking you,

Yours faithfully,

(Signature, and Seal of Tenderer)

Date

Address

Mobile No.

E-mail:



**Electrical Works, Light & Fan Fitting and Data Cabling Works etc. at new premises of Purulia (eAB) Branch at North Lake Road, Near Saheb Bandh (Near Webel IT Park), P.O+P.S– Purulia, Dist- Purulia- 723101, W.B**

**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 21 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 of deviated item of work to be executed without taking prior permission from Bank/Architects, if the extra item of 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:

Signature, Seal and address of Contractor



BUDGETARY ESTIMATION OF ELECTRICAL JOB FOR PURULIA BRANCH					
S.NO.	DESCRIPTION	QTY.	UNIT	RATE	AMOUNT
	<b>PARTICULAR</b>				
1	Supply, laying, connection & testing of light, fan point, wiring by 2x1.5mmsq(2x3/.029) + 1x1mmsq PVC insulated copper flexible wire maintaining the colour code as per direction in PVC conduit 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 drawing including 3 point ceiling rows wherever required GI saddle to be used for fixing, metal flexible/PVC flexible pipe may use if required 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.	14	Nos		
	Point - 2 Light point control by 01 switch.	26	Nos		
	Point - 3 Light point control by 01 switch.	2	No.		
	Point - 4 Light point control by 01 switch.	0	No.		
b)	Exhaust fan point same as item No. 1 complete with modular type switch	4	Nos		
c)	Wall bracket fan point as above complete with modular type switch, plate &	8	Nos		
d)	48" dia ceiling fan point as above complete with modular type switch, plate	2	Nos		
e)	Call bell point same as above complete with modular type push	1	No.		
2	Supply Laying of Circuit line 2x2.5mmsq + 1x1mmsq PVC insulated copper	246	Mts		
a)	Supply Fixing & connection of modular type 6 amps Plug switch complete	8	No.		
b)	Same as above but 16 Amps 6pin socket with 16amps switch for raw	6	No.		
3	<b>SUPPLY FIXING &amp; CONNECTION</b>				
	<b>LIGHT FITTINGS / FANS :</b>				
a)	Recess mounted 40 watt LED PHILIPS/ HAVELS MAKE FITTING 2'-	14	Nos.		
b)	PHILIPS/ HAVELS make 1x40 watt Tubelight fittings with truelite with	4	Nos.		
c)	Recess mounted 18 watt LED PHILIPS/ HAVELS MAKE down lighter.	38	Nos		
d)	225 mm dia heavy duty Exhaust fan 230 volt A.C. (EPC / PHILIPS make).	4	Nos		
e)	Wall mounting fan 400 mm dia 230 volt A.C.	8	Nos.		
f)	48" CEILING FAN WHITE COLOUR (ORIENT/PHILIPS/HAVELS)	2	Nos.		
g)	INDUSTRIAL TYPE FIXED DIRECT ON TRUE CEILING.	0	Nos		
h)	with both end cap white	2	Nos.		
4	<b>UPS WIRING :</b>				
a)	Supply fixing & connection of UPS circuit line with 2x2.5+1x1.5mmsq	204	Mts		
b)	Supply fixing & connection of UPS circuit line with 16 sqmm (approved	26	Mts		
c)	Supply fixing of 2x6Amps 5 pin socket + 1x16 Amps 6 pin socket in single	10	Set		
d)	Same as above but 3x6/16, 6pin socket with switch to provide near HUB	2	Set		
e)	Supply laying & connection of UPS incoming power line with 2x6mmsq	48	mtr		
f)	Supply installation of UPS incoming 63Amps DP MCB with original	4	no		
g)	Supply installation and termination of UPS outgoing power distribution	4	no		



5	<b>LAYING OF CABLE :</b>				
a)	Supply laying fixing main power with 50 mm sq 3.5 core PVC	10	Mts.		
b)	End termination of 50 mmsq 3.5 Core armoured cable,complete with brass	10	End		
6	<b>MAIN ELECTRICAL Cubical type panal.</b>				
a)	<b>MAIN VTPN DB</b>				
	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				
	1 no., 125A, 4P MCCB as incomer				
	4 no., 63/40A, TP MCB	1.00	SET		
	8 no.,40/32/25 A SP MCB				
	6 nos, 20/16A, SP, MCB outgoing				
i	125 amps 4P CHANGE OVERSWITCH ON LOAD TYPE in sheet steel	1.00	No		
ii	32/25A roll socket complete with 32/25/16/10 amps DPMCB with 3 pin	-	Nos		
iii	40A/32A DP MCB in sheet steel enclosure complete with all mounting	2.00	Nos		
	Providing and Supplying 40 A TP MCB as a master Switch to switch off all	1.00	Nos.		
7	<b>DISTRIBUTION BOARDS</b>				
	Supply, installation, testing & commissioning of Distribution Boards				
i	<b>Lighting &amp; power Distribution Board -</b> 12 way TPN DB Incomer40A 4P MCB C TYPE+elcb30mA Outgoings :6/10 SP MCB, 'C' Type - 36 Nos	1.00	No		
ii	<b>Power Distribution Board (ATM ROOM)</b> 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	1.00	No		
iii	<b>UPS Power Distribution Board -(FOR 3KVA UPS)</b> 12 way SPN DB Incomer:40A DP MCB, 'D' Type Outgoings :16/10 SP MCB, 'D' Type - 10Nos	1.00	No		
iv	<b>UPS Power Distribution Board - UPS DB-2KVA-ATM)</b> 6 way SPN DB Incomer20A DP MCB, 'D' Type Outgoings :16/20 SP MCB, 'D' Type - 4 Nos	1.00	No		
8	<b>EARTHING STATION :</b>				
a)	Earthing installation as per I.E. rule conforming to IS 3043-1987 or its latest amendent by making earth station with 600x600x3mm(minimun) 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 length double nuts & washer including supply & fixing of 50mm dia 2.3Mts long partly perforated G.I. Pipe with funnel for watering arragment. <b>N.B :- The Copper plate to be buried under 3.3Mts depth from ground level, including C.I. Pit 300x300mm with necessary brick.</b>				
b)	<b>Wall ( For UPS earthing).</b> SpikeEarthing with G.I. Electode 3mts. Longx50 mm dia (Class - B) including accessories and providing masonry 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 copper wire from earth spike to UPS earth bus bar through PVC regid 20mmdia ISI mark.insulated	58	Mts		



9	<b>A/C. electrification :-</b>				
a)	Supply laying & connection of A/C. line for 1.5 /1TR A/C. window / splite with 2x4 + 1x2.5 mmsq through Regid PVC conduite rest same item no 1.	166	Mts		
b)	S/Fixing AC Box as per company specification with 25 Amp SPMCB with	7	Nos		
10	<b>Out door type glow sgn board wiring :-</b>				
a)	Supply laying of main line with 2x2.5 +1x1.5 mmsq through MS conduite from main panal to glow sign board.	20	Mts		
b)	Supply installation of 16 amps DP MCB at main entrance Glow sign board WITH TIMMER MDS MAKE	1	Set		
11	Supply fixing of 100Amps TPN HRC type SFU at SEB for main incomming on MS angle. frame & 02 nos Cable end box including connection.	1	No.		
12	<b>Gen set wiring :-</b>				
a)	Supply laying fixing main power with 3.5 core 50Sq.mm PVC insulated,PVC sheathed Alu. Conductor, 1100 v. grade armoured cable complete with 02 nos 8 SWG bear GI.wire as running earth.	17	Mts		
b)	End termination of 3.5 core 50 Sq.mm armoured cable,complete with brass cable gland , Alu. Lug, PVC tape.	8	End		
13	<b>LAN WORK</b>				
	<b>Data /Voice Network System</b>				
1	Supply & Installation of cat - 6 Data Cable	380.00	Mtr		
2	RJ - 45 Data Socket With Plate	9.00	Nos		
3	RJ - 11 Voice Socket	9.00	Nos		
4	Supply & Installation of Voice Cable - 4 pair Telephone Cable un armoured	266.00	Mtr		
5	10 Pair Tag Block Crome type on MS box	2.00	Nos		
6	P/F 9U Rack	1.00	Nos		
7	EPABX Box		Nos		
8	Patch code-3 Meter	8.00	Nos		
9	Patch code- 1.5 Meter( inside rack to connect router to patch panel)	8.00	Nos		
10	24 Port Switch	1.00	Nos		
11	24 Port Jack Panel	1.00	Nos		
	<b>TOTAL</b>				



**LIST OF APPROVED MATERIALS FOR ELECTRICAL WORK AT INDIAN BANK, PURULIA  
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/ R.R.KABLE
5	A.C. Starter	NORTH-WEST / CRABTREE/ MDS LEGRAND/INDOASIAN
6	250 Volt 6/16 Amp. 3 pin modular type switch,socket	MDS LEGRAND / CRABTREE / ABB/ ANCHOR AVE/INDOASIAN
7	Capacitor	MAMAL / L&T
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 / IMP / L&T / ALSTOM / HPL / HAVELL'S
11	Miniature Circuit Breaker & MCB Distribution Boards,RCBO	MDS / ABB / L&T(HAGER) / SCHNEIDER(CG)/SIEMENS/LK FUGA / 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/ANCHOR
17	Terminal Connector	HAVELLS
18	Exhaust Fan	E.P.C / HAVELS / CROMPTON
19	Wall mounted ( Osylating Type) / Pedestal Fan	HALVELS/ CROMPTON / KHAITAN
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, PLAZA, AKG, PRECESSION
24	Sliding fuse / DZ fuse	BHARAT LENDER / BCH
25	Clock switch/time switch	L&T, MDS, GIC, T&C
26	PVC Tape	STEEL GRIP / ANCHOR
27	Join box 6"x4" MS box heavy type	LOCAL MAKE
28	Bearer Call Bell	ANCHOR / MAX / ROMA
29	Brass Cable gland	ARUN(HEAVY TYPE) / DOWELLS
30	LED Indicator ( bright type)	MIKADOV / L&T / MDS
31	PVC flexible pipe	HANUMAN / PRECESSION / KALINGA
32	MCCB	SIEMENS / L& T / MDS / HAVELL'S/INDOASIAN
33	Metal Clad socket & plug having scraping earth arrangement	SIEMENS / L&T / MDS / SCHNEIDER
34	All other items not covered above	AS PER SAMPLE APPROVED BY EMPLOYER/CONSULTANT
35	SPLIT AIR CONDITION UNIT	CAREER/HITACHI/LG/DAIKIN



