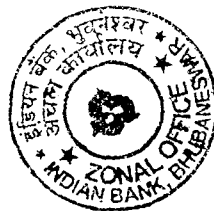




**INDIAN BANK  
ZONAL OFFICE, BHUBANESWAR .**

**TENDER DOCUMENT  
FOR  
ELECTRICAL & DATA CABLING WORKS OF NAYAPALLI BRANCH.**



## NOTICE INVITING TENDER

Sealed item rate tenders in duplicate are invited on behalf of the Zonal manager, Zonal office, Bhubaneswar , from the **Contractors Empanelled with the Indian Bank** (Zonal office, Bhubaneswar ) for the work of **ELECTRICAL & DATA CABLING, WORK OF INDIAN BANK AT NAYAPALLI BRANCH ( ODISHA)**

01. Issue of tender documents : Dt.01.03.2023 to 15.03.2023
02. Last date of receipt of tender document : 20.03.2022 up to 3.00 PM
03. Date & Time of opening : 20.03.2022 at 4.00 PM
04. Place of submission of bids : INDIAN BANK, Zonal office, Bhubaneswar.
05. Date of commencement : 7 days from issue of work order.
06. Date of completion of work : 30 days from issue of work order.
07. Period for settlement of final bill : 15 days from date of issue of completion certificate by the Architect.
08. Retention percentage : 8 % (ten percent) from final bill.
09. Earnest money deposit : Rs. 2,500.00 /- (Rupees two thousand five hundred only)
10. Security deposit :  
i) 10.00% on the first Rs.1,00,000.00 of the cost of work.  
ii) 7.5% on the next Rs.1,00,000.00 of the cost of work.  
iii) 5.0% on the next amount upto Rs.2 Crores of the cost of work.
11. Release of retention money/ earnest money : The Earnest money deposited shall not carry any interest and will be refunded to unsuccessful tenderers after allocation of work order.  
The Earnest money of successful tenderer will be released after completion of work and certification of final bill.  
Retention & Security money after 14 days from defect liability period.
12. Liquidated damages for non completion of work within the date of completion : Rs. 10,000/- ( Rupees Ten Thousand only) for every week if the work remains unfinished after the date of completion or the date extended subject to maximum of 10% of the value of work.
13. Defect liability period : 12 months from the date of completion certificate issued by the Bank Architect.

14. Interested bidder may obtain further information from ZO Bhubaneswar. Tender document can be downloaded free of cost from Bank's website.

15. Bank reserves the right to reject wholly or part of any or all tenders received without Assigning any reason whatsoever, Also Bank reserves the right to split the work and place the order to more than one party.

16. ANY FREAK RATE OF INDIVIDUAL ITEM ON HIGHER SIDE ARE LIABLE FOR NEGOTIATION.

ZONAL MANAGER  
INDIAN BANK,  
ZONAL OFFICE,  
BHUBANESWAR.



## SUBMISSION OF TENDER

The tenders are to be submitted in separate envelopes each sealed and clearly identified as to envelope number and contents as indicated below. All the envelopes shall be contained in a large envelope "Tender for Electrical & data cabling work of INDIAN BANK at NAYAPALLI BRANCH. (ODISHA)" and are to be submitted at Zonal office of Indian Bank, BHUBANESWAR. Each tenderer will be issued two set of tender documents with schedule of quantities (two set). Tenderer will have to return all the documents and drawing issued to them while submission of their tender duly stamped and signed in each page as per instruction.

### ENVELOPE MARKED NO.1.

Envelope marked No.1 shall contain the following documents.

- 1) Forwarding letter without mentioning the cost of Tender value arrived at with quoted rates.
- 2) Earnest money deposit furnished in the form of Crossed Demand Draft/ Banker's Cheque drawn in favor of Indian Bank and payable at BHUBANESWAR for the amount indicated in the Notice of Invitation to Tender.
- 3) Invited from the empanelled Contractors of Indian Bank (BHUBANESWAR Zone) having current IT clearance, GSTIN. The tender will be rejected if all the documents above said are absent.

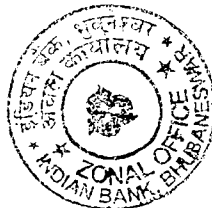
The tender will be rejected if all the documents above said are absent.

### ENVELOPE MARKED NO.2

Envelope marked No.2 shall contain The Financial bid in which contractor will quote his price for the work.

### ENVELOPE MARKED NO.3

Envelope marked No.1 & 2 shall be put in large envelope of adequate size marked No.3 which shall be properly sealed. This envelope which shall be endorsed on the outside face "Tender document for Electrical & data cabling work of INDIAN BANK at NAYAPALLI BRANCH (ODISHA)"



## GENERAL INSTRUCTIONS TO TENDERERS

- 1) The term "Employers" or "Bank" shall mean "INDIAN Bank", or its authorized representatives at The Zonal Office, BHUBANESWAR .
- 2) The term "Contractor" shall mean the successful tenderer to whom the Contract shall be awarded.
- 3) The "Works" shall mean the Electrical & data cabling work comprising of Electrical wiring & data wiring work for **NAYAPALLI BRANCH**.
- 4) The Contractor should quote the rates in figures and words. Any corrections or Over-writing should be initialed by the Contractor.
- 5) The Contractor should submit the tenders with seal, signature and date on each Page.
- 6) Tender should be submitted in sealed covers with all requisite documents as desired with the top of the envelope super scribed as "SEALED TENDER for Total Electrical & Data cabling works For **NAYAPALLI BRANCH**."
- 7) The Contractors should submit the cost of the main items as per tender specifications. Further modification after awarding of the contract shall be not allowed unless there is specific instruction by the Bank/Architect to change specifications.
- 8) The contract is time-bound and the works are to be completed within the time limit specified in the notice inviting tenders. This is a working section and the contractor has to work with no or minimum obstruction to its regular services.
- 9) **Additional Performance Security shall be deposited by the successful bidder when the bid amount is seriously unbalanced i.e. less than the estimated cost by more than 15%. In such an event, the successful bidder will deposit the additional performance security to the extent of the differential cost of the bid amount & 85% of the estimated cost. (Additional Performance Security = 85% of the Estimated Cost – Bid Amount)**
- 10) Additional Performance Security shall be deposited by the successful bidder when the bid amount is front loaded i.e. if the quoted value is 10 % higher than the estimated rates, the bid shall be evaluated as unbalanced bid and additional performance security of 10% shall be retained on the amount of quoted value.
- 11) The additional performance security as per clause 10 & 11 shall be furnished by the bidder before execution of the work in shape of Demand Draft or Fixed Deposit Receipt at any nationalized bank pledged in favor of INDIAN Bank, BHUBANESWAR which will be over and above the performance security.
- 12) The Contractor shall be penalized if the work is not completed within the scheduled time, the Bank will be entitled to charge liquidated damages @ Rs. 10000/- ( Rupees Ten Thousand only) for every week if the work remains unfinished after the date of completion or the date extended subject to maximum of 10% of the value of work.
- 13) The decision of Employer is final and binding.



## TERMS & CONDITION

- 1) Unless otherwise mentioned, all works are with no allowance for Lapse waste. Unless otherwise described or measured separately, price for all the items shall include all necessary straight & curved edges.
- 2) Any damage to the work before the site is handed over, is to be replaced or made good at the expense of the contractor to the entire satisfaction of the Architect/Bank.
- 3) Tax as applicable shall be deducted at source as per the Income Tax Act/Rules
- 4) The quantities indicated are subject to change. The payment of the bill shall be made as per the actual measurement as certified by the architect but not exceeding the total value quoted in the tender form.
- 5) The Architect or any officer of the Employers will be free to inspect the work at the site during the period of execution. Any suggestion of change or modification to improve the quality of work will be carried out subject to prior approval of the competent authority of the employers and that of the Architect.
- 6) In case of failure to take up the work even after accepting the work order, or leaving the work incomplete, or for defective work not rectified, or violation of the terms and conditions, the earnest money deposit will be forfeited.
- 7) For any item of work not covered or any unforeseen items of work, payment will be made according to the rates approved for similar nature of work, the costing done by the Architect, as per current PWD schedule of rates, or as per analysis of material cost, labour rate and profit to the Contractor at 10%. The Contractor must obtain prior approval in writing before undertaking such additional works.
- 8) The tenderers shall sign each & every page of the tender documents including the drawings attached here to.
- 9) The amount is to be quoted in figures as well as in words. In case the rates quoted in words and in figures are in variance, the amount written in words shall be taken as final.
- 10) The Contractor shall make their own arrangement at their own cost for storing materials, plants, tools etc. The employers will not be liable for security of the Contractor's materials.
- 11) No tools or plants will be issued by the bank.
- 12) The Employer / Architect reserves the right to accept or reject any tender without assigning any reason whatsoever and the said decision shall be final and binding upon the tenderer.
- 13) In case of breach of contract by the Contractor for slow progress of works or any other claim of damage, the Employer or the Architect may have the power to rescind the contract without furnishing further reasons thereof.
- 14) The Architect shall have the power to ask the contractor to furnish the sample/ color / test certificate from any Govt. /Authorized agent for any materials used/ to be used in the Works, the expenditure of which is to be borne by the Contractor.



15) The Employer shall be not be liable for any damages or compensation payable as a consequence of any accident or injury to any workman or other persons in the employment of the Contractor or any sub-contractor.

16) On completion of the Works, all rubbish, debris, materials, tools, Laborers, etc. to be removed by the contractor from the site and the contractor will hand over the site clean & clear & in usable condition within 3 days of completion of the works. Failing this, the employer may dispose the materials at the cost of the contractor.

17) In case of any dispute, the matter will be referred to the , INDIAN Bank, ZONAL Office, BHUBANESWAR .

18) The Contractor shall not submit any work bill until he completes the Project completely, as certified by the Architect Consultant.

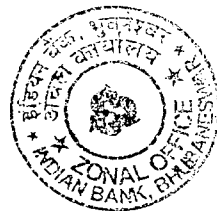
19) The rates quoted in the tender shall exclude GST & including other taxes, no escalation of rates will be allowed under any circumstances

### **SPECIAL TERMS AND CONDITIONS**

1. Completion Period : 30 Days
2. Date of Commencement : 7 days from the date of issue of the work order or the date on which the contractor is instructed to take possession of the site, or the date of your acceptance of the work- order, whichever is later.
3. Defect Liability Period : One year after actual completion of work.
4. Total security deposit (TSD) : i) 10.00% on the first Rs.1,00,000.00 of the cost of work.  
ii) 7.5% on the next Rs.1,00,000.00 of the cost of work.  
iii) 5.0% on the next amount upto Rs.2 Crores of the cost of work.
5. Limit of variation :100% without any change in price if work is done within six months of the contract and with prior consent of Architect / Consultant.
6. Additional items : For items where unit rates are not available, contractor shall provide proper cost break-up and proceed only after approval/consent. Any sample to be made for approval shall be at the Contractor's cost.
7. Validity of tender : Three month after the opening of the tender.
8. Rules/ Regulations : The contractor shall have their responsibility of complying with the local shops/establishments Act and other labor/ minimum wages Act and shall keep all such records/ accounts on payment of wages / attendance as deemed necessary.



9. Arbitration : As per the standard arbitration clause under the jurisdiction of Odisha.
10. Organization : The contractor shall employ competent / qualified supervisor /Engineer-in-charge who shall be responsible for the day to day work and coordinate as necessary with the Architect's supervisor. Any workman found guilty of misconduct/theft shall removed from the site.
11. Damage to property Any damage to the Bank's property during the work period will be recovered from the contractor.
12. Deduction **Income tax, Sale Tax at source as per Act.**
13. Terms of payment **Payment after completion of Project.**
14. Billing Procedure All measurements shall be recorded in Duplicate on standard measurement sheets Prepared jointly by the Architect's Site Engineer & the Contractor's Representatives duly signed by them. All Bills shall be submitted along with this Checked measurement sheets.
15. Time schedule of work The Contractor must submit before the Commencement of work, a Bar chart showing the date of commencement & the date of completion of each item of Work as mentioned in the Schedule of Quantities.
- 16) Release of TSD : 100% after the Defect liability period. Retention money will not bear any interest.
17. General The rates should be quoted considering necessary Scaffolding & staging work, Removal of debris as & when necessary, In view of restriction of Local concern Authority.



## ARTICLES OF AGREEMENT

(On stamp paper of Rs.100/-)

ARTICLE OF AGREEMENT made this .....day of Two Thousand Nineteen BETWEEN the Indian Bank Bhubaneswar Region of Commerce, a company incorporated under the Banking Companies acquisition & Transfer of Undertaking) Act, 1980 and having its Corporate Office .....hereinafter called "Employer" (which expression shall include its successors and assigns wherever the context or meaning shall so require or permit, of the one part and ..... (hereinafter called the "Contractor")

(which expression shall include its successors and assigns wherever the context or meaning shall so require or permit) of the other part.

WHEREAS the Employer is desirous of carryout **Repairing of Electrical work of NAYAPALLI** and has got drawings, specifications and the bill of quantities prepared by their Architects/Consultants which have been signed or on behalf of the parties hereto.

AND WHEREAS the Contractor has agreed to execute upon and subject to the conditions set forth herein and to the conditions set forth in the special conditions and in the Bill of Quantities and conditions of contract (all of which are collectively hereinafter referred to as "The said terms & conditions", the works, shown upon the said drawings and/or described" in the said specifications and included in the said bill of quantities at the respective rates therein set forth amounting to the sum as therein arrived at or such other sum as shall become payable there under (herein after referred to as the said "contract value").

### NOW IT IS HEREBY AGREED AS FOLLOWS:

1. In consideration of the said Contract Value to be paid at the times and in the manner set forth in the said terms & conditions; the contractor shall upon and subject to the said terms & conditions execute and complete the works shown on the said drawings, and described in the specifications and/or bill of quantities.
2. The Employer shall pay the contractor The Said Contract Value or such other sum as shall become payable at times and in the manner specified in the said terms & conditions.
3. The said terms & conditions and Appendices thereto shall be read and construed as forming part of this Agreement and the parties hereto shall respectively abide by submit themselves to the said terms & conditions and perform the agreements on their part respectively in the said terms & conditions contained.
4. The contract is neither a fixed lump sum contract nor a piece work contract but is a contract to carry out the work in respect of the entire work as defined in the contract documents to be paid for according to actual measured quantities at the rates contain in the bill of quantities or as provided in the said contract documents.
5. The contract shall afford every reasonable facility for the carrying out of all works relating to the work in the manner laid down in the said conditions, and shall make good any damages done to walls, floors, etc. after the completion of such works.





6. The Employer reserves to itself the right of altering the Drawings and nature of the work by adding to or omitting any items of work or having portions of the same carried out without prejudice to this Contract.
7. Time shall be considered as the essence of this Contract and the Contractor hereby agrees to commence the work from date of Letter of Acceptance and to complete the entire work within 12 weeks subject nevertheless to the provision for extension of time.
8. All payments by the Employer under this contract will be made only at Bhubaneswar
9. All disputes arising out of or in any connected with this agreement shall be deemed to have arisen at Bhubaneswar and only court in Bhubaneswar shall have jurisdiction to determine the same.
10. That the several parts of this Contract have been read by the Contractor and fully understood by the Contractor. The Contractor shall not be entitled for the payment for the quantities beyond the tendered quantities unless ordered for by specific written instructions from the Architect / Engineer.

IN WITNESS WHEREOF THE Employer and the Contractor have set their respective hands to these presents and two duplicates hereof the day and year first hereinabove written. (If the contractor is a partnership or an individual).

IN WITNESS WHEREOF the Employer has set its hand to these presents through its duly authorized official and the Contractor has caused its common seal of to be affixed hereunto and the said two duplicates/has caused these presents and the said two duplicates hereof to be executed on its behalf, the day and year first hereinabove written (If the Contractor is a company).

Signature Clause

SIGNED AND DELIVERED by the Indian Bank by the hand of

Shri \_\_\_\_\_

(Name and Designation)

\_\_\_\_\_ in

the presence of

(1) \_\_\_\_\_

Address \_\_\_\_\_

(2) \_\_\_\_\_

Address \_\_\_\_\_

Witness

SIGNED AND DELIVERED BY



\_\_\_\_\_ in the presence of

(1) \_\_\_\_\_

Address \_\_\_\_\_

(2) \_\_\_\_\_

Address \_\_\_\_\_

Witness

THE COMMON SEAL OF \_\_\_\_\_

Was hereunto affixed pursuant to the resolutions passed by its Board of Directors at the meeting held on

\_\_\_\_\_ in the presence of

(1) \_\_\_\_\_

(2) \_\_\_\_\_

Directors who have signed these presence in token thereof in the presence of

(1) \_\_\_\_\_

(2) \_\_\_\_\_

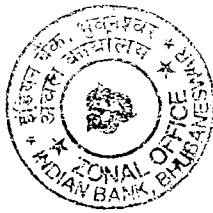
(3) individual should be signed by all or on behalf of all partners.

If the contractor signs under its common seal the signature clause should tally with the sealing clause in the Articles of Association.

SIGNED AND DELIVERED by the contractor by the hand of Shri

\_\_\_\_\_

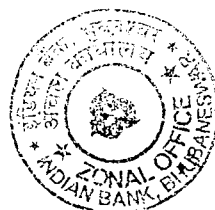
And duly constituted attorney



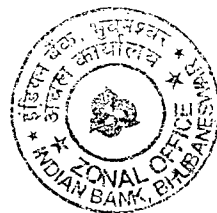
**INDIAN BANK**

**TECHNICAL SPECIFICATION OF MATERIAL TO BE USED**

1. LT PANELS : ANY CPRI APPROVED FABRICATOR
2. LT ACBs : L&T / SIEMENS/ ABB
3. MCCB / ISOLATORs : L&T / SIEMENS/ GE / ABB
4. CURRENT TRANSFORMER :KAPPA / AE / KALPA / RISHAB
5. RELAYS :GEC ALSTOM / EASUN / RISHAB
6. INSTRUMENTS :AE / HPL / L&T / ELECON / RISHAB
7. INDICATING LAMPS :SIEMENS/ L&T/AE
8. SELECTOR SWITCHES :SALZER / KAYCEE / L&T/AE
9. FR WIRES :FINOLEX / POLYCAB / RR-KABEL
10. LT PVC ARMoured CABLES AL/CU :POLYCAB / GLOSTER / NICCO/ FINOLEX/  
CCI
11. MS CONDUITS :GUPTA / AKG/BEC/SIDDARTH
12. PVC CONDUITS :PRECISION/Circle-Arc/Plaza/Berlia
13. DISTRIBUTION BOARDS : L&T / SIEMENS/ HAGER / ABB/LEGRAND
14. MCB's : L&T / SIEMENS/ GE / ABB /LEGRAND
15. SWITCHES & SOCKETS : MK / LEGRAND/ Siemens
16. GI ANODISED METAL BOX : MK/ LEGRAND  
LEGRAND/Siemens/Roma/Philips



17. CABLE GLANDS : COMET / JAINSONS/ DOWELL'S
18. CRIMPING SOCKETS (Lugs) : DOWELLS / JAINSON/DOWELL'S/ COMET
19. LIGHT FITTINGS : PHILIPS /Crompton/Wipro /Syska
20. CEILING FAN / ESHAUST FAN : CROMPTON / BAJAJ/HAVELS
21. APFC Relay : L & T/ HPL/ Enercon/Siemens/Neptune
22. Capacitor : L&T/HPL/Siemens/ Neptune/ Meher
23. Cable trays : PROFAB, PBIPL, PINNACLE
24. Bus Ducts : Schneider, Godrej, Zukkini, L&T
25. Data/Voice Cables : Systemac, D-Link, Amp
26. Data/Voice Jacks : D-Link/Amp



**FORM OF TENDER**

Dear Sirs

Ref:.....

- 1) I/We refer to the tender notice issued by Indian bank, zonal Office Bhubaneswar for the .....in connection with the above.
- 2) I/We do hereby offer to perform provide execute complete and maintain the works in conformity Bill of Quantities for the sum of RS.....(Rupees.....) only at the respective rates quoted in the bill of quantities.
- 3) I/We have satisfied myself/ourselves as to the site conditions, examined the drawings and all aspects of the tender conditions subject to above, I/We do hereby agree should this tender be accepted in whole or part off:
- 4) Abide by and fulfill all the terms and provisions of the said conditions annexed hereto:
- 5) Complete the works within 30 days stipulated in two or three shifts if considered necessary by the Consultants at no extra cost to the Owner.
- 6) I/We have deposited the earnest money of RS.....which we note will not bear any interest and is liable to forfeiture,
  - i) If the offer is withdrawn within the validity period of acceptance.
  - or,
  - ii) If the contract is not executed within 7 days from award of contract.
  - or,
  - iii) The acceptance of this tender shall constitute a binding of contract and any failure as mentioned in Clause.4 shall constitute a breach of contract by us and the tender accepting authority shall be entitled to have the work executed at our risk and cost and to claim extra cost/expenditure incurred by them from us.
5. Unless and until a formal agreement is prepared and executed this tender together with your written acceptance thereof shall constitute as a binding contract.
6. I/We understand that you are not bound to accept the lowest any tender received.
7. I/We have independently considered the amount of liquidated damages in the Appendix to the General conditions of the Contract and agree that it represents fair estimate of the loss likely to be suffered by you in the event of the works not being completed in time.
8. Our Bankers are:-



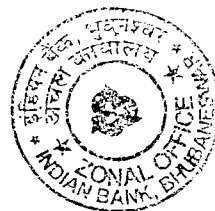
l) The names of Partners/Directors of the firm Authorized to sign

Yours faithfully,

Name of person having power of  
Attorney to sign the contract.

(Certified true copy of the  
Power of attorney should be  
attached.)

Signature of  
the Contractor



**ABSTRACT**

Electrical work of Branch:- Rs.....

Electrical work of ATM:- Rs.....

---

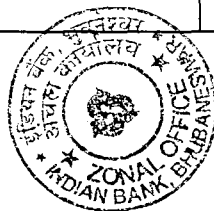
**TOTAL:-** Rs.

**Total amount in words:-**



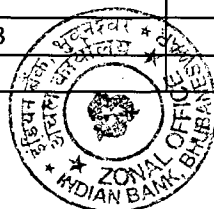
**B.O.Q OF ELECTRICAL WORK FOR INDIAN BANK - I.R.C VILLAGE BRANCH**

SL.N O.	DESCRIPTION OF ITEMS	UNIT	QUANTITY	RATE	AMOUNT
	<b>1. ELECTRICAL WIRING WORK</b>				
1.0	Concealed / resessed / surface light point / fan point / call bell point etc. wiring using 1100V <b>FRLS grade 3R</b> (P+N+E) x 1.5 Sq.mm FRLS multi stranded copper conductor PVC insulated wires (with proper R,Y,B color code) pulled through rigid <b>FR/FRLS</b> PVC conduits of 20mm Dia 1.5 mm thick laid concealed over false ceiling or in wall chases or on the ceiling in case of an open ceiling, with modular type switch plate, switches, GI concealed back box, etc. of legrand mylinc or equivalent make. S.I.T.C.( Supply Installation Testing And Commissioning) as directed by the Engineer-in-charge. (Each circuit shall not feed more than 8 points OR 800 watts as per following configuration.)				
	NOTE:- 1. Only FRLS wire shall be used; 2. The wires from ceiling junction to light points / light fixture shall be drawn in flexible PVC conduit with adptor & cover for junction box & crimp type lugs at both the ends alongwith necessary hardware & accessories, etc. as required; 4. Looping of Neutral / Earth wire between two seperate Primary / Full Points is strictly not allowed; 5. Looping of Neutral / Earth wire between two seperate circuits on similar or other phase is strictly not allowed; 6. Ferulling / numbering / tagging to wires with circuit number & db name for all lighting & raw / ups power shall be strictly followed at both DB & switch board / switch socket boards ends.				
1.1	Primary light points including the cost of clip in type 6A Modular switch of legrand mylinc or equivalent make. S.I.T.C. as directed by the Engineer-in-charge.( 1 light/fan controlled by one switch)	Nos.	<b>20.00</b>		
1.2	Subsequent point ( Looped From Primary)	Nos	<b>20.00</b>		
1.3	6 Amp 2/3 pin Modular socket with 6A Modular switch. ( on common switch Board.)	Nos.	<b>2.00</b>		
1.4	Independent point using one 6 Amp Modular Switch and one 6 Amp, 2/3 pin Modular socket mounted on a suitable size Box for wall fans.	Nos	<b>10.00</b>		
1.5	Primary light points including the cost of clip in type 6A Modular switch of legrand mylinc or equivalent make & model as approved by project in charge. ( I light controlled by one switch UPS point )	Nos.	<b>3.00</b>		
2.0	Concealed power point using 16 Amp 3 Pin plug socket with 16 Amp Modular switch of legrand mylinc or equivalent make mounted on separate board using suitable size galvanized iron junction & switch boxes & clip in type modular type switch plate,etc. Supply taken from R.D.B./ Nearest L.D.B. The point should not taken from any switch Board. S.I.T.C. as directed by the Engineer-in-charge.	Nos	<b>3.00</b>		





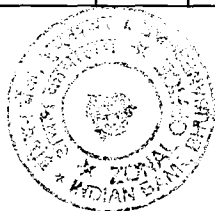
3.0	Concealed raw power point using 6 Amp, 2/3 Pin Modular plug socket with 6 Amp Modular switch of legrand mylinc or equivalent make on separate board using galvanized iron junction & switch boxes & clip in type modular type switch plate, switches, GI/PVC concealed back box, etc. Supply taken from Nearest L.D.B. Maximun 3 Points per Circuit for counter & Table	Nos	15.00		
4.0	Supply, installation and testing of timer with contactor ( L&T / Legrand ) make controlling the glowsign board with all accessories complete enclosed in Powder coated metal box as required as per direction of Engineer in charge. The system will be apart of the panel board.	Nos.	0.00		
<b>2.COMPUTER WIRING WORK</b>					
1.0	Suppl and fixing of concealed UPS power points using 1 nos. of 16 Amp, 3 Pin Modular switches to be provided on table top + 4 nos. 6 Amp Modular socket below table top of legrand mylinc or equivalent make taken from Nearest C.D.B with sutable size galvanized iron/PVC junction & switch boxes & clip in type modular type switch plate, GI/PVC concealed back box, etc. Maximun 3 Points per Circuit for counter & Table. S.I.T.C. as directed by the Engineer-in-charge.				
1.1	Primary light points	SET	11.00		
1.2	Subsequent point ( Looped From Primary)	SET	5.00		
2.0	Suppl and fixing of concealed UPS power points using clip in modular type 5 No. of 6/16 amp socket points controlled by 2 No of 16 amp modular switch with indicator of legrand mylinc or equivalent make taken from Nearest C.D.B with galvanized iron junction & switch boxes & clip in type modular type switch plate, switches, GI concealed black box, etc. . The point should not from any switch Board S.I.T.C. as directed by the Engineer-in-charge.	SET	1.00		
<b>3.A.C. WIRING WORK</b>					
1.0	Supply and installation of Concelaed 20A/25A, 415 V DP Isolator mounted in a prefabricated powder coated DP metal enclosure (legrand make Ekinox3 model or equivalent make ) concealed and complete to the satisfaction of Bank for 1.5 TR AC.S.I.T.C. as directed by the Engineer-in-charge	Nos	7.00		
<b>4.PANEL BOARD &amp; DISTRIBUTION BOARDS:</b>					
1.0	Supply and installation of SPN, Double Door, Metal type, (hager IP43, legrand make Ekinox3 model or equivalent make as approved by SBIIMS), surface / flush mounted on wall, interconnected wiring complete with earthing lugs, including DB wiring, termination of circuits with ping type copper lugs, blank plates, etc. housing following switchgears :				
1.1	<b>C.D.B (Computer Distribution Board)</b>	SET	1.00		
	12 way SPN DB				
	Incoming :- 1 No. 32A DP-10 kA - MCB				
	Out going :- 10 No. 6-10 A SP -10 kA -MCB				
	All MCB must be class C Type				



1.2	<b>U.P.S Incoming DB</b>	<b>SET</b>	<b>1.00</b>		
	6 way SPN DB				
	40 Amp DP MCB – 2 nos (1main & 1 spare).				
	32 Amp DP MCB – 1 nos (for inverter).				
	All MCB must be class C Type				
1.3	<b>U.P.S Outgoing DB</b>	<b>SET</b>	<b>1.00</b>		
	6 way SPN DB				
	Incoming 1 No. 40A DP MCB				
	Out going 3 No. 25 A SP MCB				
	1 No. 10 A SP MCB				
	All MCB must be class C Type				
2.0	<b>A.C.D.B. ( AC Distribution Board)</b>	<b>Set</b>	<b>1.00</b>		
	6 way VTPN DB				
	Incoming :- 1 No. 63A 4P MCB-10kA, 63A -415V-4P Isolator.				
	Out going :- 5 No. 25 A SP -10 kA - MCB				
	Out going :- 5 No. 40 A TPN -10 kA - MCB				
	All MCB must be class C Type				
3.0	Supply and installation of Single isolation switch for entire branch combination of SPN, Single Door, Metal type Distribution Board. (hager IP43, legrand make Ekinox3 model or equivalent make as approved by Engineer-in-charge ), surface / flush mounted on wall, interconnected wiring complete with earthing lugs, including DB wiring, termination of circuits with ping type copper lugs, blank plates, etc. housing following switchgears :				
3.1	4 way SPN DB	<b>SET</b>	<b>1.00</b>		
	1 No. 100 A -415V-4P isolator. ( for A.C )				
3.2	4 way SPN DB	<b>SET</b>	<b>1.00</b>		
	1 No. 63 A -415V-4P isolator ( for Light )				
<b>5. FITTINGS OR FIXTURES</b>					
1.0	Supply, installation and testing of recess LED lights fittings ( 33-36 Wt) of 2'-0"X2'-0" square type with all accessories complete of Crompton/ Philips/ Orient or Equivalent Make as required as per direction of Engineer in charge.	<b>Nos.</b>	<b>20.00</b>		
2.0	Supply, installation and testing of recess LED lights fittings ( 6-9 Wt) of sport type with all accessories complete of Crompton/ Philips/ Orient or Equivalent make as required as per direction of Engineer in charge.	<b>Nos.</b>	<b>18.00</b>		
3.0	Supplying , fixing of 1x 20watt LED party fittings with all accessories of Crompton/ Philips/ Orient or Equivalent make as per direction of EIC .	<b>Nos</b>	<b>4.00</b>		
4.0	Supply, installation and testing of LED Bulb fittings (1x9wt) with angle holder of Crompton/ Philips/ Orient or Equivalent make as required as per direction of Engineer in charge.	<b>Nos</b>	<b>2.00</b>		
5.0	Providing and fitting of 400 mm sweep Exhaust fan of Crompton/ Philips/ Orient or Equivalent make as required as per direction of Engineer in charge.	<b>Nos.</b>	<b>1.00</b>		
6.0	Providing and fitting of 1200 mm sweep ceiling fan of Crompton/ Philips/ Orient or Equivalent make as required as per direction of Engineer in charge.	<b>Nos.</b>	<b>2.00</b>		

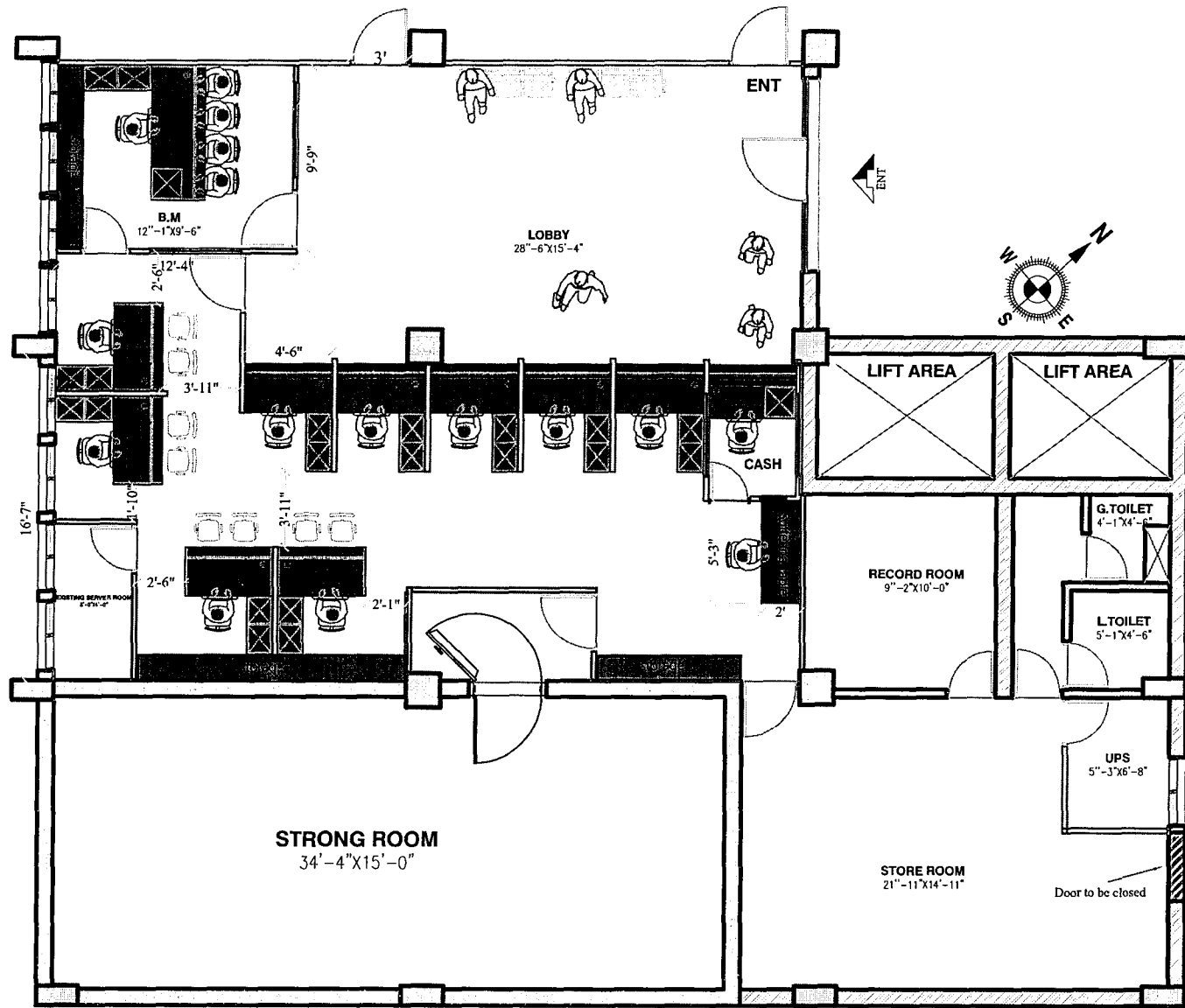


7.0	Providing and fitting of 450 mm sweep Wall fan of Crompton/ Philips/ Orient or Equivalent make as required as per direction of Engineer in charge.	Nos.	10.00		
8.0	Providing and fitting of call bell of approved make .	Nos.	1.00		
<b>6. CABLE, MAINS &amp; SUBMANS</b>					
1.0	Supply of all required materials and wiring to circuits/ submains with following number and sizes of PVC insulated 1100 volt grade multi standard FR copper wire run inside rigid FR PVC conduits of 20mm Dia 1.5 mm thick of ISI mark as required and copper wire as earth continuity conductor and complete in all respect including making good to all damages caused and as per the direction of Consultant and Engineer-in-charge.				
1.1	Recessed wiring with ( 2Rx2.5sqmm +1Rx1.5sqmm) copper wire ( LDB/RDB to Common Switch board and power Points / UPS points etc )	Mts	260.00		
1.2	Recessed wiring with ( 2Rx4.0sqmm +1Rx2.5sqmm) copper wire ( UPS input to CDB / AC points )	Mts	140.00		
1.3	Recessed wiring with ( 2Rx6.0 sqmm +1Rx4.0 sqmm ) copper wire ( PANEL to L.D.B/AC / UPS )	Mts	100.00		
2.0	S & I of 1100V grade copper armoured cable having sector / circular shaped aluminium conductor PVC insulated cores, laid up, PVC tape wrapped inner sheathed, GI strip / wire armoured and overall extruded PVC sheathed conforming to IS: 1554, laid on wall or ceiling using GI clamps and spacers as per route shown at site and further as directed by Bank / Architect in the following sizes.				
2.1	Surface wiring with (10 sqmm) 4C core armored copper cable . (From main Panel to master LDB Contoller )	Mts	40.00		
2.2	Surface wiring with (6sqmm) 4C core copper cable . (From main Panel to master LDB Contoller )	Mts	40.00		
<b>7. EARTHING</b>					
1.0	Providing and fixing Earthing with G.I. earth plate 600 mm X 600 mm X 6.36 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with alternative layer of 150mm thick charcoal/ coke and salt as required. For SPD/ Panel.	Nos.	0.00		
2.0	Providing and fixing of Earthing with copper earth plate 600 mm X 600 mm X 3.18 mm thick including accessories, and providing masonry enclosurewith cover plate having locking arrangement and watering pipeof 2.7 metre long etc. with alternative layer of 150mm thick charcoal/ coke and salt as required. For UPS.	SET	1.00		
3.0	Supplying and laying 25 mm X 5 mm G.I strip at 0.50 metre below ground as strip earth electrode, including connection/terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50mm)	Mts	0.00		
4.0	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing as required.	Mts.	20.00		



<b>8:DATA / TELEPHONE WAIRING</b>					
1.0	Supply of all required materials and laying of CAT-6 LAN wiring from server to Hub and Hub to computer I/O Points of approved brand ((D-Link/Digilink/Amps ) laid through rigid FR/FRLS PVC conduits of 20mm Dia 1.5 mm thick of ISI mark duly burried under floor with necessary chasing / breaking in floor and to be refinished with all necessary civil material etc. or to be cleated on wall / ceiling with saddles / spacer etc. necessary termination etc. completeas in all respect including making good to all damages caused and as per the direction of Consultant and Engineer-in-charge.	Mts	240.00		
2.0	Supply of all required materials & laying 2 pairs 0.51 cross section telephone wires of ITI approved laid through rigid FR/FRLS PVC conduits of 20mm Dia 1.5 mm thick of ISI mark duly burried under floor with necessary chasing / breaking in floor and to be refinished with all necessary civil material etc. or to be cleated on wall / ceiling with saddles / spacer etc. necessary termination etc. completeas in all respect including making good to all damages caused and as per the direction of Consultant and Engineer-in-charge.	Mtrs.	50.00		
3.0	Supply , fixing of RJ 45 information outlet (I/O) with safety sutter of D-link make with front modular cover plate, flush box metallic or PVC for trucking system etc.	Nos.	14.00		
4.0	Supply , fixing , testing of RJ11 Modular Telephone socket point with suitable GI boxes complete in all respect as per direction of EIC .	Nos.	3.00		
5.0	<b>Shifting &amp; Refitting</b> Data rack with all acessory , pach panel , switches router etc. as per direction including all labour and transportation.	Job	1.00		
6.0	Supply and Fixing of Cat6 Factory crimped moulded 1mtr patch cord. <b>Make: Legrand/ Schneider/ Digisol</b>	Nos.	14.00		
7.0	Supply and Fixing of Cat6 Factory crimped moulded 2mtr patch cord. <b>Make: Legrand/ Schneider/ Digisol</b>	Nos.	14.00		
<b>TOTAL</b>					<b>Rs.</b>





57'-1"  
INTERIOR LAYOUT PLAN

ALT-2

Clint Name. <b>Indian Bank</b>	Drg. Title. <b>Interior Layout Plan</b>	Rev no 	Drg. No. 		

Techno Arch  
PLANNING, DESIGN, ARCHITECTURE, INTERIORS, CONSTRUCTION MANAGEMENT