

**PROPOSED ELECTRICAL WORK OF
BORIVALI (WEST) BRANCH.**

FOR

INDIAN BANK

AT

**Combined Shop No.1 to 5,Ground Floor,
A Wing,Building No.1, Ashok Nagar B Building No.1,Co-
Op.Hsg.Soc.Ltd.,No 3A,3B,3C,3D,3E& 19, 19/1
To Villageeksar, Vazira,Naka, Borivali (West), Mumbai-400 092.**

DATE OF ISSUE: - 04/ 06 / 2024.

TENDER SUBMISSION ON: - 25/ 06 /2024 AT 3.00 P.M.

TENDER OPENING: - 25 / 06 /2024 AT 3.30 P.M.

JOB PERIOD 30 Days

ARCHITECT

KALA AREKHAN
ARCHITECT & DESIGNERS

101, VINDHYACHAL SOCIETY, PLOT NO. 204,
SECTOR -4 CHARKOP, KANDIVALI (W),
MUMBAI - 400067, TEL: 022 – 28682567.

NOTICE INVITING TENDERS

1. Sealed tenders are here by inviter on behalf of **INDIAN BANK**, for the **ELECTRICAL WORK** from empanelled contractors to be carried out, for their new branch premises at Combined Shop No.1 to 5, Ground Floor, Awing Building No.1,Ashok Nagar B Building No.1,Co.op.Hsg. Soc. Ltd.179, L.T. Road, Bearing Cts,No.3A,3B,3C, 3D, 3E& 19,19/1 to4 of Village Eksar, Vazira Naka, Borivali (West), Mumbai- 400 092..
2. The work is to be completed within 30 Days from the date of issue of the work order.
3. The tender document can be obtained from the Architect's Office at **KALA AREKHAN**, Architect & Designers.101, Vindhyaachal Society, Plot No. 204 Sector -4 Charkop, Kandivali (W) MUMBAI - 400067, TEL.: 022 46162742.
4. The tender document shall be available from 04/ 06 / 2024 on ward , and the last date for receipt of tender is 25 / 06 / 2024 up to 3.00 pm. And the tenders will be opened on 25 / 06 / 2024 at 3.30 pm. or will be informed as decided.
5. The tender document including the set of drawings must be returned to the Bank's Office on or before the Last date of submission even if the contractor does not wish to quote for the project.
6. a) At the time of submitting his tender, the tenderer shall deposit with the Bank earnest money of 1% of tender value by way of DEMAND DRAFT in favor of **INDIAN BANK** of Any Nationalized Bank.

b) This Earnest Money Deposit will not bear any interest. The earnest money deposit will be forfeited in the event of any evasion, refusal or delay on the part of the Tender to sign and execute the contract on the acceptance of his tender. The Earnest Money Deposit, without any interest, will be returned to the tenderer if their tender is not accepted.

c) The tenderer whose tender is accepted will be required to deposit further amount to make total of 5% contract value including EMD and 5% will be deducted from 1st Running Bill in addition to the amount already deposited towards earnest money deposit, thus making total Security Deposit to 10% of the total contract value will form part of the performance guarantee, which shall not bear any interest. This amount will be refunded only after virtual completion of the work.
7. The tenders shall be submitted as per instructions with the name of work supervised on the envelopes written prominently and addressed to The Zonal Manger, INDIAN BANK – Zonal Office Mumbai West 1st floor, B wing,101 Neo Vikram CHSL. Sahakar Nagar New Link Road, Andheri west, Mumbai-400 053.
8. The full name and postal Address of the Tenderer shall be written on the bottom left hand corner of the sealed cover. The sealed tenders shall be submitted to The Chief Regional Manger at the address mentioned above.
9. Acceptance of tender will rest the employer who receive the right to accept or reject any or all the tenders in part or full without assigning any reason therefore. Any tender who does not fulfill any two prescribed conditions would be liable for rejection.

10. All the rates mentioned in the tender are inclusive of all taxes i.e. Work contract tax, GST, Income tax, Sales tax, Central Govt. or State Govt. any tax, Octroi, Local Municipal Overheads/ levies/ transport etc. charges. No separate amount for these will be considered.

11. This Tender Notice forms part of the contract.

For KALA AREKHAN

PLACE:

DATE:

Kala Arekhan

Architect and Designer,
101, Vindhychal Co-Op-Hsg. Society,
Plot No.204, Sector-4,
Charkop, Kandivali (West),
Mumbai- 400 067.

SECTION - I

CONDITIONS OF CONTRACT

1. Tenderers shall sign wherever provided for. Tenders not so signed shall be rejected. The tenders shall be submitted in sealed cover in the office of The Zonal Manger, INDIAN BANK – Zonal Office Mumbai West 1st floor, B wing, 101 Neo Vikram CHSL. Sahakar Nagar New Link Road, Andheri west, Mumbai-400 053. Tender Issue on 04/06/2024 and Submit on before 25 / 06/ 2024 at 3.00 pm.
2. No Tenders shall be accepted unless the full amount of Earnest Money Deposit is paid by DD/ Pay Order of appropriate amount mentioned at the time of submitting the tender.
3. Fluctuations in the prices of any materials or equipment or labour etc; shall not be taken into account either for compensation for damages or for extras. The validity of the tender shall be 90 days for acceptance.
4. Watch and ward in respect of all plants, machinery and materials at site for use in work shall be the contractor's sole responsibility.
5. The contractor shall have to make his own arrangements to house his labour and staff, and for their services.
6. All instructions regarding the execution of the work shall be received from the architect/ engineers only. Any other instruction issued directly to the contractor by anyone else shall not be binding on the employer.
7. During execution of works the contractor must check his work with the drawings. The contractor shall be responsible for all the errors in this connection and will have to rectify all defects at his own cost, failing which the employer reserves all the rights to get the same rectified at the risk and the cost of the contractor.
8. The contractor entrusted with the work shall indemnify the Bank and the Architects against theft, mishaps in construction and injury to workmen, damage to persons, property etc. He shall make good the damage at his own expenses.
9. The Bank, through the Architects, shall; have the power to omit or cancel; any item of work without assigning any reason whatsoever and no claim for compensation for damage will be entertained for such omissions and cancellations.

10. Time is the essence of the work. All the works shall have to be completed within 30Days from the date of work order (Appendix –A). If the work is not completed within the aforesaid period, the contractor shall pay the bank or the bank shall be entitled to deduct from the payment due to the said contractor the sum of $\frac{1}{2}\%$ of contract value per week of delay or part thereof, subject to a maximum limit of 05% of the contract amount.
11. The contractor shall maintain satisfactory progress of work as well as maintain a desired of workmanship. If in the opinion of the Architects the progress is unsatisfactory and /or the workmanship is unsatisfactory, the Architects shall advice the employer to take possession of work with Seven days notice to that effect. The employer shall then complete the entire work and rectify all the defects at the contractors cost and consequences.
12. In case the Bank /Architects are not satisfied with the quality of materials used by the contractors they reserve the right to direct the contractor to procure such supplies form agencies they deem fit.
13. It is agreed that if the works are delayed (1) by force-major or (2) by reasons of any damage by exceptionally inclement weather or (3) by reasons of loss or any damage by extensive fire not caused by an act or a default on the part of the contractor, by earthquake or civil commotion, strikes or lockouts affecting any of reasonable extension of completion of works. Upon the happening of in such event, causing delay, the contractor shall immediately give notice thereof in writing to the employer and the employer in all such eventualities agrees, without accepting any contractual obligations in this behalf, to assist the contractor to the utmost extent possible to meet the situation. If no such notice as mentioned above is given within 7 days of happening of such event, no claim for damage or compensation will be entertained on all parties.
14. The contractor shall submit the bills for payment along with detail statement showing the actual works carried out under different heads of items. Minimum value of works interim payment shall be Rs.2, 00,000/-. The bills same shall be to the extent of 75% of the value.
15. The contractor shall clear the site of works as per the instructions of the bank /architects. The site of works shall be cleared of all men, materials etc. belonging to the contractor. The site shall be delivered in a broom clean and neat condition employer shall have the right to day the site cleared at the risk and cost of the contractor.
16. The contractor shall not without the written consent of the bank /Architects assign the agreement or sublet any portion of works.
17. The quoted rates shall be all inclusive and cover the cost of all materials, freight, all types of taxes, duties, royalties, erection, construction, testing of materials, samples brought for approval, overheads, profit &any other expenditure incurred for work as per drawings &specifications.
18. Wherever required the bank /Architect shall instruct erecting items sample, or makeup , as the case may be, and upon approval of the same , the items shall be fabricated and completed by the contractor (with or without modifications as the bank / Architect shall instruct).

19. The final bill from the contractor shall not be entertained under any work found any circumstances without completion of all the items of works .any work found defective or wrongly carried out, and instructed by the bank /Architect to be rectified or replaced shall be rectified or replaced prior to submission of the final bill. It is to be expressly noted that no final bill will be held valid in the event of non - rectification of the defective or wrongly carried out items and completion date shall not this account be extended. Defects liability period will be effective from the day of satisfactory completion of all the items of work, as may be certified by the Architect.
20. In the event of the work being executed day & night on holidays, which might be required for the completion of the work within the stipulated time however utmost care to be taken for not to disturb to normal working of Branch.
21. While executing the work, considerable amount of shifting and re-shifting of several furniture like Tables, Chairs, Steel Cupboards, Filing Cabinets, Side Units, Safes etc. Grills, Door frames, Windows, Partitions & Glass etc. items are Likely to be involved. It is also likely that some of the items might be required to be temporarily shifted elsewhere in the premises on any other floors. These shall be done by the contractor, and no payment against these works shall be separately paid for by the Bank. As the work is to be carried out and completed in the working Bank Branch, the contractor shall be responsible for maintaining the premises in clean condition every morning.
22. The contractor shall acquaint himself with the site conditions, local traffic regulations, local authority regulations availability of materials, labor, tax, structure etc. and quote rate accordingly. No extra charges / increase in rates shall be allowed on any of these or any other accounts.
23. The contractor shall have a complete supervisor no the site at all the times.
24. The contractor and / or his authorized representative will attend all the meetings whenever called for and the decisions taken in the meeting will be binding on the contractor.
25. In case any Municipal Corporation / Local authorities approval is necessary then it shall be the contractors responsibility to get it approved and all expenses incurred there of shall be borne by them.
26. In case the local authorities such as Mumbai Municipal Corporation, CFO & BEST/ Adani Electricals raise objections in matters water /electricity consumption, debris disposal etc; the contractors shall solve the matter at their end, without involving or putting financial liability on the Bank.
27. Water shall be available after the requirements of Branch, at the suitable point at the work site. All additional piping connections, from this point, water meters etc., shall be install by the contractor at his own cost. If required contractor has to arranged for tanker water.
28. The contractor shall be given a single electrical connection at the work site. Electrical charges for consumption by the contractors will be charged separately by the Bank. Contractor has to provide sub – meter.

29. The contractor shall be bound to carry out any extra items of works, whenever possible the rate for extra item shall be derived from the rate already quoted, otherwise the rate shall be worked out at cost of material + labour + 10% (overheads, wastage, taxes and transportation) + 15% profit

30. The rates shall be entered in figures as well as words.

31. The payment shall be in the following manner:-

- a. 5% advance based on the contract amount against a Bank Guarantee for similar amount valid for a period of 3 months and drawn on any Bank other than the INDIAN BANK or its Associates, and this advance shall carry interest at rates as per RBI guidelines in force. The advance shall be recovered from the 3rd Running Bill in equal proportion to the balance cost of work
- b. 75% of the material cost brought to the site subject to verification from purchase bills showing of materials which are to the running payment bills.
- c. On account payment (Minimum Value Rs. 2, 00,000/-) with retention of 8%.
- d. 100% (10% of the total contract value) shall be retained for a period of 12 months of defects liability period.

The contractor shall submit his running bills for payment concerning work executed or materials delivered on the site, or work executed at his work shop which will be certified by the Architect for the payment within 10 days from the date of submission of the bill.

The architect will not certify to any application for the payment to any contractor if there are:

- A. Defective items of the work still uncorrected.
- B. Any claims or liens filed against the contractor for failure to pay for material, labour or sub contract amount due or reasonable evidence that includes probable filing of such claims.
- C. Damage to other contractor.
- D. A reasonable doubt that the contractor can be completed for the balance then unpaid.

32. When the works are complete in all respects, the contractor shall intimate in writing to the architect and the bank to enable to take possession of the same. The work shall not be considered virtually complete until the Bank and the Architect have jointly inspected the works and certified in writing that this has been completed.

33. Layout with civil work shall be approved from EEBP (Building Proposal/ concerned ward with necessary No Objection Certificates from concerned Local Municipal Council departments, CFO or Govt. authorities or keeping on view the mutual understanding between contractor and concerned departments. If permission is not obtained on the time schedule and if the Municipal concerned department arrives on the site for Inspection and issue us the NOTICE either on phone or in writing, Bank shall not inform the contractor neither discuss the issue or reasons whatsoever with the contractor for not obtaining the permission, Bank shall pay the necessary penalty charged by the concerned authorities or appoint any outside agency immediately to solve the matter for obtaining necessary relevant permission for non stopping of work in whatsoever condition and shall pay their fees along with the premium, and the said amount shall be paid on behalf of the contractor by the Bank to the concerned party without prior notice to the contractor to solve the matter at the earliest and the amount shall be deducted either from his running bill or final bill whichever stage the problem arises.

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

DATE:

PLACE:

SIGNATURE OF THE TENDERER WITH STAMP/ SEAL.

FORM OF AGREEMENT

Article of agreement made at this day of _____, 20____ between _____

_____ (herein after called “ The Owner”) of the one part and

_____ of (or whose registered office is situated
at _____

_____ (hereinafter called “the contractor”) of the other part.

WHEREAS the owner is desirous of _____

and has caused Drawing and schedule, Quantities and Rates showing and describing the work to be done to be prepared by or under the directions of **M./S. KALA AREKHAN**, 101, Vindhychal Co-Op-Hsg. Society, Plot no. 204, sector -4, Charkop, Kandivali (west), Mumbai- 400 067.

AND WHEREAS the contractor has supplied the Owner with a fully priced copy of the said schedules of quantities and rates (which copy is herein after referred to as “the contract drawing”) and the contract bill have been signed by or on behalf of the parties hereto:

AND WHEREAS the contractor has deposited the sum of the Rupees _____
_____ with the owner for due performance of this Agreement.

Now it is hereby agreed as follows:

1. For the consideration herein after mentioned the contractor will upon the subject to the condition annexed carry out and complete the work shown up[on the contract drawing and describe by or referred to in the contract bill and in the said conditions.
2. The owner will pay the contractor the sum of Rupees _____

(herein after referred to as “the contract sum” or such other sum as shall become payable hereunder at the times and in the manner specified in the said conditions.)
3. The Term “The Architect in the said conditions shall mean the said “M/S.KALA AREKAHAN” or in the event of his death or ceasing to be the Architect for the purpose of this contract, such other person as the Owner shall nominate for that purpose, not being a person to whom the contractor shall object for reasons considered to be sufficient by an arbitrator appointed in accordance with the said conditions. Provided always that no person subsequently appointed to be the Architect under this contract shall be entitled to disregard or overrule and certificate or opinion or decision or approval or instructions given or expressed by the Architect for the time being.

4. The said condition and Appendix thereto shall be read and constructed as forming part of this agreement, and the parties here to shall respectively abide by, submit themselves to the conditions and the perform the agreements on other parts respectively in such conditions contained.

AS WITNESSED the hands of the said parties.

**SIGNE BY THE SAID IN THE
PRESENCE OF**

CONTRACTOR

Witness:

Name:

Address:

APPENDIX – ‘A’

- | | |
|--|--|
| 1. DATE OF COMMENCMENT: | Immediately with issue of the work order. |
| 2. DATE OF COMPLETEION: | 30 Days (From the Date of Work Order) |
| 3. LIQUIDITY DAMAGES: | 0.5% Per Week of delay or part thereof but maximum 5% of the Contract amount |
| 4. DEFECTS LIABILITY PERIOD: | 12 Months. |
| 5. VALUE OF WORK FOR INTERIUM CERTIFICATE: | Rs. 2,00,000/- and above. |
| 6.EARNEST MONEY DEPOSIT: | 5% of Contract value.

1% of Tender value by way of Demand Draft in favor of INDIAN BANK

Furniture Amount to make total 5% of Tender Amount on acceptance of Tender. |
| 7.RETENTION AMOUNT: | 10% Of value of Total work excluding earlier money and security deposit from running bills. |
| 8.RETENTION AFTER VITUAL COMMENCEMENT AGAINST DEFECTS LAIBILITY: | 10% Of Total Bill (Certified) amount for 12 months. |
| 9.PERIOD FOR HONORNG CERTIFICATES BY THE EMPLOYER: | 10 Days (after receipt of certificates from the Architect by the Employer) |

We agree to the Terms incorporated in the above Appendix-‘A’

Date:

Signature of contractor with Stamp/ Seal.

Note:

The Brands/ Make mentioned in the following List should be used by the contractor and Rate quoted should be based on the same. In case of the brand / make is not available, material of other make should be used with prior approval of Architect and Bank. The rates will be revised, based on the difference in the basic rates of the make brands / name mentioned below:

LIST OF RECOMMENDED MATERIAL TO BE USED BY CONTRACTOR:

1.CABLE	POLY-CAB, RR- KABELS, FINOLEX.
2. CABLE TERMINATION	DOWELLS, COMET.
3. WIRES (FRLS ONLY)	FINOLEX, POLYCAB, RR-KABELS.
4.MODULAR SWITCHES	ANCHOR (ROMA), NORTH WEST, SIEMENS DELTA-VEGA, LEGRAND -MOSAIC, L & T, M.K.
5.CIRCUIT BRAKER/DISTRIBUTION BOARDS (ELCB, MCB/MCCB)	M.D.S. (Legrand Lexic), SIEMENS, HAWELLES, L&T.
6.LIGHT FITTING	PHILLIPS, WIPRO, CROMPTON.
7.CHANGE OVER SWITCH	HPL.
8.FAN	CROMPTON, ALMONARD
9.LED FITTING	PHILIPS, WIPRO.
10.LED FITTING (WITH IMP. REFLECTOR)	PHILIPS, WIPRO.
11.SFU/ MCCB	L.&T., MDS-LEGRAND,SCHNEIDER
12.DATA CABLE CAT-6	D-LINK, MOLLEX, ADC KRONE
13. L. T. CONTROLL PANNEL.	FABRICATED.
14.PVC CONDUITES.	PRESISION/DIAMOND CO. MEDIUM DENSITY PIPES ONLY.
15. CABLE TRAY.	PROFAB, METALEMMS, ASIAN ANCILLARY CORPORATION.
16. VOICE CABLES & ACCESSARIES.	FINOLEX, R.R.KABEL, ADC KRONE.
17. SPEAKERS.	BOSH, AHUJA.
18.AMPLIFIER.	BOSH, AHUJA.
19. ELECTRICAL LT PANNEL:	CPRI APPROVED PANEL MANUFACTURER ONLY.
20. METERS.:	L&T OR ISI APPROVED CO. MAKE ONLY.
21. CONTACTORS:	L&T, SIEMENS, SCHNEIDER.

22. CAPACITORS: SIEMENS, L&T, GE, ABB, UNIVERSAL.
23. CT'S/ PT'S: AE, KAPPA, RICCO, RISHABH.
24. APFC RELAY.: L&T, EMERCON, ALSTOM.
25. ENERGY METERS. : L&T, SCHNEIDER, SIEMENS, AE, TECNIC.
26. CONCRETE EARTHING: MARCONITE, EQUIVALENT ISI MAKE AS APPROVED BY CLIENT/ CONSULTANT.
27. CAT6 / CAT6A UTP PATCH CORD ADC KRONE
28. PATCH PANEL ADC KRONE

Note:- The material supplied / installed by the tender should adhere Bureau of Energy Efficiency (BEE) standards. Some of the appliances and its minimum threshold BEE star rating are

Sl no	Appliance	Threshold star rating
1	Split Air Conditioner	5 Star
2	Window Air Conditioner	5 Star
3	Room Air Conditioner (Cassette, Floor Standing)	5 Star
4	Light Commercial Air Conditioner	4 Star
5	Frost Free Refrigerator	4 Star
6	Direct Cool Refrigerator	4 Star
7	Storage Type Electric Water Heater	5 Star
8	LED Lamps	5 Star
9	Ceiling Fans	5 Star
10	Distribution Transformer / Board	3 Star

Any other items / appliances approved by BEE are also available at www.beestarlabel.com

INDIAN BANK
ESTIMATE FOR PROPOSED ELECTRICAL WORK FOR BORIVALI BRANCH

Nos.	Description.	Qty.	Unit.	Rate.	Amount.
I	<u>GENERAL WIRING:</u>				
1	Providing, fixing, testing & commissioning of 100A/415V threephase & neutral switch fuse unit / MCCB in sheet steel enclosure with 3 Nos. of HRC fuse and 2 nos. cable end box to be mounted in meter cabin.	1	Nos.		
2	Providing & laying of 4Nos.X 19/16 Sqmm, 1100V grade PVC insulated copper conductor lead wire laid in pvc flexible conduit pipe from meter to 125A SFU in meter cabin complete with adequate capacity of dowell's make lugs. (4Wires of 25Sqmm each 3 Rmts. Long).	5	Rmts.		
3	Providing & laing of 4C X 35Sqmm Aluminium armoured cable with its accessories such as ms spacer, saddles, nut bolts, from SFU in meter cabin to main panel.	30	Rmts.		
4	Termination of above cable by using glands & criming with lugs.	4	Nos.		
5	Providing & laing of 3 CORE X 4Sqmm cu armoured cable with its accessories such as ms spacer, saddles, nut bolts, from db TO AC UNIT	150	Rmts.		
6	Termination of above cable by using glands & criming with lugs.	4	Nos.		
7	Preparing earthing station by using 600mmX 600mm copper earth plate with required size copper nut bolt etc watering treatment, the earth station includes excavation, refilling & preparing charcoal & salt complete as per IS : 3043.	2	Nos.		
8	Prov.& lay.of 4Sqmm Cu wire...	50	Rmts.		
9	Prov.& lay.of 10Sqmm Cu wire...	50	Rmts.		
10	Providing & laying of 25mmX3mm copper strip.	5	Rmts.		
	Total Rs.				

Nos.	Description.	Qty.	Unit.	Rate.	Amount.
II 1	<u>Main Pannels/ Distribution Boards:(UPPER LEVEL)</u> Supply and installation of main LT panel, wall mounted front operated totally enclosed vermin proof, indoor non-drawout-cubicle type power panel fabricated out of 2mm thk CRCA sheet having gasketed hinged cover on each cubicle fully powder coated / enamel 125A,TP, MCCB as INCOMMER 4 nos. 40A & 2 nos. 63A, TPN, MCB outgoing 4 nos. ,40A, DP, MCB outgoing 1 no., 0-125A, Ammeter with CTand selector switch 1no., 0-500V, Voltmeter with selector switch and fuse 1Set, TPN, Copper busbars of size 20mm x 5mm thk PVC insulated suitable for 125 Amp load 1 Set, RYB, indicating lamps with resistors and fuses	1	SET		
2	Prov. & fix. LIGHTING /UPS/ AC DB 4 way TPN Double door Distribution Board, Incommer 1 No. 63 A. 4 Pole MCB outgoing,1 No. 40 a. 4-Pole ELCB, 12 No.s SP-MCBs etc. complete set.	3	Set.		
3	Providing & Fixing of 63A TPN MCB with Box.	3	Nos.		
	Total Rs.				

Nos.	Description.	Qty.	Unit.	Rate.	Amount.
III	<u>PVC Pipes & Boxes.</u>				
1	- Providing & Laying of 25mm PVC pipes for LAN Cables	200	Rmts.		
2	Providing & fixing of 250mmX 250mmX50mm deep MS box with panted cover palte in floor.	20	Nos.		
	Total Rs.				

Nos.	Description.	Qty.	Unit.	Rate.	Amount.
IV	P & F of concealed / resessed / surface light point / fan point / call bell point wiring using 600V FRLS conductor grade 2 x 1.5 Sq.mm copper conductor PVC insulated wires (with proper color code) pulled through MMS gauge PVC conduits laid concealed over false ceiling or in wall chases or on the ceiling. In case of an open ceiling including 2 x 2.5 Sq.mm circuit wires from the relevant DB. Provide 1 sqmm green color copper earth wire. Provide anchor roma modular type switch plate, switches, MS concealed back box, etc. as required as approved by the Architect.				
1	P & F of Primary Light Points....	70	Nos.		
2	do as above but secondary light point wirng...	15	pts.		
3	5A Plug point on Sb as half points...	12	Nos.		
4	5A Plug point as individual plug point.	5	Nos.		
5	Providing & laying of 2.5SqmmX2 wires with 1 SQMM earth laid in 25mm PVC pipe for RAW power wiring with 1 Nos. 5A 2/3 pin socket with switch on each work station. From RAW DB (FOUR WORK STATION ON 1 CIRCUIT).	15	Nos.		

6	DO AS Above but for P & F of 15A 2/3pin socket with switch for raw power points for server/ printers etc appliances.	15	Nos.		
7	P & F of 5/15Amps Socket with MCB & plate, TOP etc complete unit nr AC	9	Nos.		
Total Rs.					

Nos.	Description.	Qty.	Unit.	Rate.	Amount.
V	<u>COMPUTER WIRING:</u>				
1	Providing & laying of 4C X6Sqmm CU Armoured cable with earth from LT Panel to CPDB. & main to ATM & UPS.	70	Rmts.		
2	Termination of above cable by using glands & criming with lugs.	2	Nos.		
3	Providing, fixing, testing & commissioning 12 Way SPN DB, Incomer 1 Nos. 63A DP MCB, 8 Nos. SP MCB with copper bus bar & neutral & earth link s etc complete work for CPDB. (TOW WORK STATION ON 1 CIRCUITS.)	3	set.		
4	Providing, fixing, testing & commissioning 63A DP MCB with MS box for UPS INPUT OUT PUT.,	4	Set.		
5	Providing & laying of 2.5SqmmX2 wires with 1 SQMM earth laid in 25mm PVC pipe for UPS power wiring with 3 Nos. 5A 2/3 pin socket with Indicator switch for Computer Supply on each work station. From UPS DB.	20	Nos.		

Nos.	Description.	Qty.	Unit.	Rate.	Amount.
VI	<u>DATA CABLING:</u>				
1	P & F OF d-Link Make CAT-6 Data Cable from HUB to each work station.	20	Pts.		
2	Do as above but CAT-6 I.O WITH FACE PLATE	20	No.s		
3	Do as above but RJ-45 connectors with crimping.	20	No.s		
4	Do as above but 2m. Long Patch cord.(Machine Crimped)	20	No.s		
5	Do as above but 1m. Long Patch cord.(Machine Crimped)	20	No.s		
6	P & F of 12U Rack	1	Nos.		
7	P & F of 24 port Switch.	1	Nos.		
8	P & F of 24 port jack panel.	1	Nos.		
	Total Rs.				

Nos.	Description.	Qty.	Unit.	Rate.	Amount.
VII	<u>TELE WIRING:</u>				
1	Providing & laying of 10 Pair 0.51mm Copper tinned PVC insulated wire laid in 25/20mm pipe from MTNL JB to EPBAX.	45	Rmts.		
2	Providing & Fixing of tele tag block with krone connector box etc complete work.	1	Nos.		
3	Providing, fixing of 2Pair tele wires from EPBAX to Each work station laid in 20/25mm pipe etc complete.	8	Pts.		
4	Providing, fixing, testing & commissioning tele sockets.	8	Set.		
	Total Rs.				

Nos.	Description.	Qty.	Unit.	Rate.	Amount.
VIII	<u>Light Fixtures & Fittings.</u>				
1	- Providing & Fixing of philips /CROMPTON / WIPROmake 2'x2' LED Fitting with driver & fixed with necessary accessories etc complete work.	27	Nos.		
2	- P & F of 1X 22w LED Putty. (4'-0")	15	Nos.		
3	- P & F of Philips make 15W Round LED Fitting	4	Nos.		
4	- P & F of Wall Fan.	5	Nos.		
5	P & F of Exhaust Fan.	3	Nos.		
	Total Rs.				

Summary.					
I	<u>GENERAL WIRING:</u>				
IIA	<u>MAIN PANNEL/ DISTRIBUTION BOARD:</u>				
III	- <u>PVC PIPES & BOXES:</u>				
IV	<u>POWER & LIGHTING WIRING;</u>				
V	<u>COMPUTER WIRING:</u>				
VI	<u>DATA CABLING:</u>				
VII	<u>TEL. WIRING:</u>				
VII	<u>LIGHT FIXTURES & FITTINGS.</u>				
	Grand Total				
	ADD 9 % CGST				
	ADD 9 % SGST				
	GRAND TOTAL				

LIST OF RECOMMENDED MATERIAL

	<p>1.CABLE</p> <p>2. WIRES</p> <p>3.SWITCHES</p> <p>4.CIRCUIT BRAKER/DISTRIBUTION BOARDS (ELCB- MCB DB)</p> <p>5.LIGHT FITTING</p> <p>6.CHANGE OVER SWITCH</p> <p>7.FAN</p> <p>10.SFU/ MCCB</p> <p>11.DATA CABLE CAT-6</p> <p>12.L.T. CONTROLL PANNEL.</p>	<p>POLY-CAB.</p> <p>FINOLEX, POLYCAB FRLS</p> <p>ROMA/ LEGRAND, .</p> <p>LEGRAND / INDO</p> <p>PHILLIPS/ WIPRO/ CROMPTON</p> <p>ANCHOR/ LT</p> <p>ALMONARD/ ORIENT/ CROMPTON</p> <p>L.&T, CROMPTON</p> <p>D-LINK, DIGI LINK</p> <p>FABRICATED.</p>
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