

## **Central Bank of India**

Regional Office, Surat  
Add: 1st floor, 1/930 Narimabad Building, Athugar Street,  
Nanpur, Surat.  
**Tender**

❖ NAME OF THE WORK:

**Electrification and Data Cabling work at BULSAR branch under Surat Regional Office**

### **Address of Branch-**

REGIONAL Head  
REGIONAL OFFICE  
Surat,  
Mail ID- [gadsuraro@centralbank.co.in](mailto:gadsuraro@centralbank.co.in)

DETAILS OF OUR IEM:  
NAME: Shri Trivikram Nath Tiwari  
MAIL ID: [trivikramnt@yahoo.co.in](mailto:trivikramnt@yahoo.co.in)

NAME: Shri Jagdip Narayan Singh  
MAIL ID: [Jagadipsingh@yahoo.com](mailto:Jagadipsingh@yahoo.com)  
Contact no. 011-61515609

## **CENTRAL BANK OF INDIA**

### **TENDER NOTICE**

Item wise sealed tenders are invited from Bank's Empanelled Contractors for **Electrification and Data Cabling work at BULSAR branch under Surat Regional Office.**

Issuance	Tender forms will be available on Bank's website <a href="http://www.Centralbankofindia.co.in">www.Centralbankofindia.co.in</a> from <b>9.06.2022.</b>
Tender Fee ( Non refundable )	Rs.500.00 (Rupees Five Hundred only) by demand draft in favor of Central Bank of India payable at Surat.
Last date for submission of the Tenders	<b>16.06.2022 upto 2.00 pm</b>
Place of submission of Tender	General Administration Department, Regional Office Surat, 1st floor, 1/930 Narimabad Building, Athugar Street, Nanpur, Surat.
Date of Opening of Tender	<b>16.06.2022, 4.00 pm</b>
Place of Opening of Tender	General Administration Department, Regional Office Surat, 1st floor, 1/930 Narimabad Building, Athugar Street, Nanpur, Surat.  <b>Note:- Vendors are advised to make presence of themselves at the time of opening of tenders.</b>

**Regional Head  
Regional Office Surat**

## **TENDER DOCUMENT ISSUING LETTER**

**LETTER ISSUING TENDER DOCUMENT FOR - ELECTRIFICATION AND DATA CABLING  
WORK OF BULSAR BRANCH (NEW PREMISES) UNDER SURAT REGIONAL OFFICE**

**Name of Tenderer :**

**Address of Tenderer :**

**The Tender Document is issued on Dtd : 09.06.2022  
CENTRAL BANK OF INDIA**

**To,  
The Regional Head,  
Regional Office Surat  
Central Bank of India.**

Dear Sir.

With reference to the tender invited by you for the work. I/We hereby offer to execute the work under contract at the respective rates mentioned in the schedule of quantities.

I/We have seen the site, understood the general conditions of contract, special conditions, additional conditions.

I/We agree to execute the work as per specifications, general conditions of contract, special conditions, and additional conditions.

I/we do hereby agree that the sum shall be forfeited by the bank in event our tender is accepted & I/We fail to execute the contract when required to do so.

I/we understand that you are not bound to accept the lowest or any other tender that you received.

Yours faithfully,

**(Contractor)  
Signature of partner / prop. of the firm.**

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## **CENTRAL BANK OF INDIA**

**General Administration Department,  
Regional Office Surat,  
1st floor, 1/930 Narimabad Building, Athugar Street, Nanpur, Surat**

**NAME OF WORK: Electrification and Data Cabling work at BULSAR branch  
under Surat Regional Office**

### **GENERAL SUMMARY OF COST SHEET**

**SR. NO. DESCRIPTION AMOUNT IN RS. \_\_\_\_\_**

**(In words: \_\_\_\_\_ Only)**

**SIGN OF CONTRACTOR**

**PLACE ADDRESS**

**DATE SEAL**

### **GENERAL CONDITIONS**

- 1) Sealed tenders should be address to **Regional Manager, Central Bank Of India, Regional office, Surat** and super scribed Name of work.

“Electrification and Data Cabling work of BULSAR branch under Surat Regional Office” and envelope shall contain –

- a) DD of tender fee.
  - b) Tender document with signature and stamp of contractor on all pages.
- (2) No tenders will be received after **2.00 PM ON 16.06.2022** and the tenders will be opened on **16.06.2022** AT 4.00 PM or unless otherwise informed.
  - (3) The tenders will remain valid for a period of **6 months** from the date of opening of tenders, Bank reserves the right to accept or reject any or all the tenders without assigning any reason to do so. Bank does not bind itself for accepting the lowest tender.
  - (4) The tenderers should quote the rates in figures as will as in words.
  - (5) All ensures, corrections and alterations made while filling the tender must be attested by initials of tenders, overwriting of the figures is not permitted.
  - (6) The earnest money of the successful tender shall be adjusted in the security deposit.
  - (7) The Bank reserves the right to rejected any or all the tenders, accept part of any tender or entrust the entire work to any contractor or divide the work to more than one contractor (item wise) without assigning any reason or giving any explanation. The rates quoted by the contractor will hold good for this bifurcation and no compensation will be paid on this account.
  - (8) Joint tenders shall not be considered.
  - (9) Within 24 hours of receipt of Intimation regarding acceptance of his tender by the Bank, the tenderer should send his acceptance of the work order in writing. If the tenderer does not do that, or does not start the work within 24 hours of such intimation to him or fails to give justified reasons not to do so, acceptance of his tender would be withdrawn and Earnest Money Deposit would be liable to be forfeited.
  - (10) The rates quoted in the tender shall include all charges of scaffolding, lift, any tools and plants railway freight labor conditions and fluctuation in the rates, excise duty, sales tax, octroi and any other taxes or expenditure for carrying out the work.
  - (11) The Contractor will arrange for water and Electricity for completing the work. In case water and Electricity are already available at the site, same will be provided by the Bank free of cost.
  - (12) No escalation in rates will be allowed under any circumstances.
  - (13) The successful tenderer is bound to carry out entire work within the period stipulated in the Appendix. The tenderer will have to pay liquidated damages for non-completion of job within stipulated period at the rate of 0.25% per day after expiry of period of completion subject to maximum of 5% of the contract value.
  - (14) The liquidated damages as mentioned above may not be enforced if the contractor applies sufficiently in advance for extension of time mentioning the unavoidable reasons for

extension. The Bank shall, if in its opinion (which shall be final and binding upon the contractor) finds genuine reasons shown by the contractor for such request, grant suitable extension in time limit. Any claim for damage or compensation in relation there to by contractor is not permissible. Also other terms and conditions of the contract will remain unaltered in the extended period.

- (15) The successful tenderer is bound to carry out items of work necessary for completion of job even though the same are not included in the schedule of quantity. Rates of extra items will be derived from the tender. In case the rates do not exist in the tender and extra item is not similar to tender item, then the rates will be worked out on actual cost of material and labour, any other expenditure for completing that work plus 15% towards contractor's profit & overheads. For this contractor must submit the rate analysis supported by original vouchers for purchase and labor.
- (16) The contractor must co-operate with other contractors appointed by the Bank so that entire work shall proceed smoothly with least possible delay and to the satisfaction of the Bank.
- (17) Bank reserved their rights to qualify and disqualify any vendor without assigning any justification.
- (18) The contractor shall remove all rubbish etc. out of site/premises wash and clean the floors and hand over the site in proper and tidy condition on the completion of work.
- (19) The tenderer shall acquaint himself with the site conditions making his own arrangement for storing of material at site lift, cartage etc.
- (20) Contractor shall shift furniture, cupboards records, for the purpose of painting and re-arrange the same as directed. No extra charge shall be paid for the same.
- (21) Contractor shall be prepared to work at times convenient to the Bank. No charges shall be paid for the same.
- (22) **5%** percent of the value of work done shall be deducted as retention money from the running bill of the contractor, which shall be released after the defects liability period, provided no defects are noticed during the period.
- (23) The contractor will attend to all defects noticed during defect liability period. If the contractor fails to attend to the defects within a reasonable time these defects will be rectified by the Bank and the expenditure incurred on this account will be recovered from security deposit, or any other money due on to time.
- (24) The contractor shall make adequate arrangement for watch and ward of his material and shall ensure the safety, breakage and any theft of material fixed or unfixed by him or other sub-contractors.
- (25) The work executed should be got approved by the Bank and contractor shall rectify and bad workmanship pointed out at any stage and remove from site all the rejected material
- (26) The contractor shall be responsible for application of labour laws, compensation for injury and accident to person, whether employed by his or by his sub-contractor.

- (27) The contractor will take necessary precautions for carrying out the work avoiding any damage to fixed or loose furniture, structures/decorative parts of the property. The contractor will rectify any damages done at his cost.
- (28) The contractor shall ensure that workmen employed by him for execution of work are suitably covered against Workmen's Compensation Act and that all liabilities arising out of Workmen's Compensation Act, ESIS and other legislative enactments applicable, to such works and workmen shall be to the contractor's account.
- (29) The Contractor shall inform the Bank to check quality/measurements of any work which is likely to be hidden before covering.
- (30) The contractor will submit running Bills for the value of work done not less than interim payments (as mentioned in the Appendix) mentioning full nomenclatures of items, rates, amount, measurement sheet, reasons for part rates claimed, if any.
- (31) In case of non-completion or delay in completion of work or removal of defects in time, the Bank shall be free to appoint another agency to get the job done at contractor's risk and cost.
- (32) Income-Tax at the rate of **2.04%** (or Applicable rate) of the Bill Amount will be deducted at source from the contractor's bill and will be deposited with the I.T.O as per rules.
- (33) The Bank may delay the progress of work without, in any way, vitiating the contract and grant such extension of time for the commencement/completion of the contract as it may think proper and sufficient in consequence of such delay and the contractor shall not make claim for compensation of damages in relation thereof.
- (34) The Contractor will not execute any extra item without Bank's permission in writing.
- (35) The quantities mentioned in the schedule of quantities are approximate. Payment will be on actual work done by the contractor. However the contractor should not deviate the quantity without Bank's permission.
- (36) Conditional tenders quoted by the tender is liable to be rejected.
- (37) The Bank has a right to alter the nature of work and to add or omit any items of work or to have the option of the same carried out departmentally or otherwise and such alterations or variations shall be carried out without prejudice to this contract.
- (38) The Bank has right to terminate the contract, if the contractor abandons the work, or fails to commence and complete the work in time, or fails to abide by the contract conditions.
- (39) Measurement for all items shall be taken as per actual work done and no claim for any wastage in all material shall be considered.
- (40) Contractor has to prepare sample of chair, table and part counter for the approval of the Bank.
- (41) Contractor must quote balanced rates as quantities mentioned in the tender are approximate and may vary to any extent. No extra shall be given on this account.



- (42) All the Electrical work shall confirm to relevant ISI. Contractor shall provide all necessary Test Certificate required by the Bank.
- (43) The contractor should inspect the sites before quoting the rates.
- (44) The contractor shall place order immediately after hearing the approval of the tender of the material required for the work in order to get them on site well in advance of their requirement. Sample of each material should be got approved in advance.
- (45) The contractor shall have to make necessary arrangements for proper storage of the materials and will be responsible for any loss of material due to theft or otherwise.
- (46) The items of work will be measured as per standard mode of measurements as laid down by I.S.I
- (47) The quantities given in the Bills of quantities are approximate and given as a guide to tenderer and are liable to variations.
- (48) Contractor shall be paid for the actual measured quantities of work executed by him.
- (49) The contractor while executing the work during the working hours of the Bank shall take care that disturbance is not created to Bank's staff and customer during the office hours. The contractor should also keep the banking hall in a reasonably good condition during banking hours.
- (50) Contractor has to submit Photographs of the completed furnishing work in duplicate along with soft copy in from of C.D.
- (51) Contractor shall have prepared any No of samples as directed by Architect/Bank before finalizing of scheme. For this No extra payment shall made.
- (52) THE RATES SHOULD BE EXCLUDING ALL TAXES.**
- (53) Tender Fee: 500.00 in form of DD in favor of Central Bank of India.
- (54) Tender, without tender fee will be rejected.

Banks reserves the right to select any of the manufactures party from the above list and to add or delete names of the other parties as and when required

#### **APPENDIX REFERRED TO IN THE GENERAL CONDITIONS**

- |     |   |   |  |
|-----|---|---|--|
| 1.  | Defects liability period  | : | 12 Months from the date of issue of virtual completion and handing over the site to bank |
| 2.  | Date of commencement  | : | Immediate on receipt of work order./ Handing over the site                               |
| 3.  | Date of Completion  | : | 15 Days from issue of Letter of intent./Work order                                       |
| 4.  | Stipulated period for completion  | : | 15 Days  |
| 5.  | Minimum value of work done for interim payment                          | : | Only Full & Final payment to be made on successful completion of work                    |
| 6.  | Interim Payment   | : | Only Full & Final payment to be made.  |
| 7.  | Retention money for defects liability period                            | : | 5% of the total value of work  |
| 8.  | Liquidated damages for non-completion of work within stipulated period. | : | 0.25% per day subject to maximum of 5% of contract value.                                |
| 9.  | Validity of the Tender  | : | Six months from the last date of opening of the Tender.                                  |
| 10. | Terms of Rates  | : | The rates shall be at the site of the work and shall EXCLUDES OF TAXES.                  |
| 11. | Period of honouring interim Certificate                                 | : | 15 Working days after the submission of the interim Certificate.                         |
| 12. | Period for honouring final Certificate                                  | : | 60 working days after the submission of the Final Certificate.                           |

13. Validity of Rates : The quoted Rates in the Tender shall remain valid till the completion of the work. No escalation in rates shall be allowed.
- 14.. Extra Items : The contractor shall not execute the item for which the rate cannot be derived form the Tender. He shall submit the Rate analysis for such item on actual cost plus 15% as over-heads, establishment charge and contractor's profit, and get it approved by Architect/Employer before starting the work of such items.
- 15.. Working Hours : Most of the work may take place at contractors workshop, However in case if the work is to be executed in a working premises of the Bank the same shall generally be execute after office hours of the Bank. I.E in the evening, nights and Bank holidays. The employer shall make necessary arrangements required or their part of such working. The work shall be carried out in such a way that minimum disturbance is caused to the functioning of the Bank Branch The Contractor shall make all necessary arrangement for cleaning the premises everyday and to ensure the complete safety of the furniture, machinery, computers, plants, equipment etc. lying in the premises and also provide safeguard from dust etc. For night working no extra charge shall be paid.
16. Contractor shall shift and rearrange necessary Furniture/Fixture to keep site tidy and clean protect office equipment by covering during execution. If contractor fails then Branch Manager shall employ other agency for the job and cost incurred shall be recovered from the bill Amount.
17. Electrician/Network Technician/Carpenter/A.C Technicians shall remain present at site at all the time during execution of work to avoid any power/Network failure/Disturbance of branch

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18. Contractors shall have to make necessary temporary arrangement to the satisfaction of Branch Manager for Electrification/Data Cabling/Furnishing/A.C no extra payment shall made for this.
19. On completion of work all contractor shall give detailed measurements/circuit diagram/List of materials used Test reports duly signed and sealed.
20. All hidden measurements must be got checked/recorded before concealing.
21. All material and makes shall be as per specifications any deviation will not be accepted without written permission of Architect/Bank

**CENTRAL BANK OF INDIA**

**CONTRACTOR**



**CENTRAL BANK OF INDIA  
REGIONAL OFFICE, SURAT**

**TENDER DOCUMENT**

**(FINANCIAL BID)**

**FOR**

**Electrification and Data Cabling work at BULSAR branch under Surat Regional Office**

	Item	Unit	Qty.	Rate(Rs.)	Amount(Rs.)
<b>1</b>	<b>Main Panels and Distribution Boards</b>				
a	<p><b>Main Panel Box (415V, 3-Ph, 4 wire) :-</b> Supply, installation , testing and commissioning of totally enclosed compartmentalized dust and vermin proof cubical segregated and modular in construction M.V. panel board wall mounted fabricated with 16swg of CRCA M.S. sheet duly painted with two coat of metal red oxide and two coat of fire resistance paint at inside and outside of the panel, cable entry from top and bottom, gland plate of 3mm thickness, bus-bar chamber ,outgoing switchgear etc (all feeder unit Would be compartmentalized), vertical / horizontal busbar of required size of length, ( bus-bar distances shall be minimum 32 mm ) insulators, hardware, neoprene gasket , hinged door, interconnecting single core multi strand lugged copper wire having current density of 2A / sqmm of suitable capacity &amp; size with lugs from busbar to switchgears / MCCB / MCB or where ever required.</p> <p><b>Incomer:-</b>  1 Nos. 125 Amp MCCB, 25 KA- 4 Pole, C-curve,  1 Nos. 200 A TPN insulated Copper Bus Bar,  Set of R-Y-B Phase indicating lamp,  1 Set. Digital Voltmeter, Ammeter, frequency meter</p> <p><b>Outgoing:-</b>  4 Nos -63 A TPN MCB,C-curve  1 Nos.- 40 A TPN MCB(ATM)  1 Nos.- 25 A MCB (Glow sign board)</p> <p>Set as above</p>	Nos.	1		
b	Shifting of existing Fuse from Old premises to new premises.	Nos.	1		
C	<b>Distribution Boards:-</b> Supply, Installation, Testing and commissioning of the surface / recess mounting following way TPN MCB three phase distribution board for Light/Power/AC and UPS separately including neutral, earth bars, direct on wall incl. electrical connection ,earthing , making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed including the followings accessories-				
C1	<p><b>Light Distribution &amp; Power Distribution Board( 8 way TPN single door)</b>  <b>Incomer:-</b> 1 No. 63 Amp 100 ma sensitivity RCCB 4 Pole  3 No. 32 Amp DP MCB  <b>Outgoing:-</b> 12 nos. 6 /10/16/20 Amp SP MCB  Set as above</p>	Nos.	1		
C2	<p><b>AC Distribution Board:- ( 4 way distribution TPN single door)</b>  <b>Incomer:-</b> 1 No. 63 Amp TPN MCB  <b>Outgoing:-</b> 2 nos. 32 Amp DP MCB  6 nos. 25Amp DP MCB  Set as above</p>	Nos.	1		
C3	<p><b>UPS (Input/Output)</b>  <b>Incomer:-</b> 1 No. 40 Amp TPN MCB  2 No. 63 Amp DP MCB  Set as above</p>	Nos.	1		
C4	<p><b>UPS Power Distribution Board : ( 8 way distribution SPN single door)</b>  1 No. 40 Amp DP(DP c/o ) MCB  4 nos. 16/20 Amp SP MCB</p>	Nos.	1		

	Set as above				
				Total (Rs.)	
<b>2</b>	<b>Earthing System</b>				
a	Providing dedicated earthing with 600x600x3.15mm copper plate along with 50mm dia.10feet long G.I pipe with other accessories in the earth filled with necessary salt, charcoal, etc. It should be covered with G.I Manhole cover with necessary civil works etc. complete.	Nos.	2		
b	Supply & Laying of 8SWG copper wire from earth station to UPS and lighting MCB DB.	Mtr.	5		
c	25 mm heavy duty PVC conduit.	Mtr.	5		
				Total (Rs.)	
<b>3</b>	<b>Cables and cable laying</b>				
	<b>LT Cables:-</b> Supply & Laying of the following cables in built up trenches, on wall, or in the ground as per the case may be, with proper clamping with necessary fixing materials etc. Installing, testing & commissioning of 1100V grade UG cable with GI wires as per IS 7098/1554				
a	3.5C X 35 Sq.mm AYFY ALU armored cable ( Main)	Mtr.	6		
b	4c X 10 Sq.mm copper armored cable (Main panel to UPS, & AC DB)	Mtr.	6		
c	4c X 16 Sq.mm copper armored cable (ATM)	Mtr.	5		
d	2 x 6 Sq.mm + 1x 2.5 Sq.mm FR PVC coated copper conductors (1.1 KV grade) in pvc rigid pipe/capping-casing on surface of wall duly clamping with necessary fittings and accessories from Main DB to POWER/LIGHT DB. Including all necessary terminals etc complete.	Mtr.	5		
e	Providing and fixing of 50 mm x100 mm PVC trunking in wall	Mtr.	2		
f	Providing and fixing of 50 mm x 50 mm PVC trunking in wall	Mtr.	1		
				Total(Rs.)	
<b>4</b>	<b>Cable end termination:-</b>				
a	3.5C X 25 Sq.mm AYFY ALU cable ( Main)	Nos.	2		
b	4c X 10 Sq.mm copper cable	Nos.	2		
c	4c X 16 Sq.mm copper cable (ATM)	Nos.	1		
				Total (Rs.)	
<b>5</b>	<b>Internal wiring</b>				
	Supply of all required materials and wiring to circuits/ submains with following number and sizes of FRLS PVC insulated 1100 volt grade standard copper wire run in suitable PVC conduit pipe of ISI mark with conduit accessories like bend , junction box etc in concealed/surface manner as per site as required and copper wire as earth continuity conductor and complete in all respect including making good to all damages caused, cleaning the site etc complete as required as per site requirement and as directed.				
a	2x 2.5 Sq mm + 1x1.5 Sq mm copper wire circuit mains for raw power points, lights and glow sign board. (LDB to Switch boards). For 16A power point maximum 2 points in a circuit. For 6 A power point maximum 3 point in a circuit.	Mtr	150		
b	2x 2.5Sqmm + 1x1.5 Sq mm copper wire for circuit mains (UPS DB to Computer) Maximum 3 workstations in circuit.	Mtr.	50		
c	2 x 4sqmm + 1x1.5 sq mm copper wire ( From AC DB to AC point)	Mtr.	40		
				Total (Rs.)	
<b>6</b>	<b>Point Wiring</b>				
	Point wiring with 1100 V grade 3 nos. single core 1.5 sq.mm PVC insulated flexible FRLS copper conductor cable (IS:694)				

	through suitable size PVC conduit complete with junction box, circular box, elbows, bends, couplers and other accessories on surface above false ceiling or concealed by chase cutting on wall from light & fan switch board to light, fan & 6A socket outlet on the same switch board or separately mounted switch board. The work includes supply and fixing of all materials such as modular type 6A switch for each light and fan point, 6A 2/3 pin socket outlet with switch, 3 plate ceiling rose / angle or batten				
a	1 light point controlled by one switch	Nos.	14		
b	2 light point controlled by one switch	Nos.	9		
c	Wall fan/Exhaust fan controlled by 6 Amp socket and switch on light switch board	Nos.	5		
d	Call bell point	Nos.	1		
e	Ceiling fan point with modular type regulator and switch.	Nos.	2		
				Total (Rs.)	
<b>7</b>	<b>Power Point Outlets</b>				
a	<b>6A Raw Power Point(On Board)</b> -Supply, Installation, Testing and commissioning of on board modular switch board containing 1 no 5pin 6A socket with switch including cover plate, sheet steel box / PVC modular box etc. of approved make on table/wall.	Nos.	9		
b	<b>6A Raw Power Point (Special)</b> -Supply, Installation, Testing and commissioning of special modular switch board containing 1 no 5pin 6A socket with switch including cover plate, sheet steel box / PVC modular box etc. of approved make on table/wall.	Nos.	10		
c	<b>16A Raw Power Point</b> -Supply, fixing, testing and commissioning of modular switch board containing 1 no. 16 A switch & 1 no. six pin 6/16 Amp. Multi Socket with cover plate, sheet steel /PVC modular box etc on surface / concealed manner.	Nos.	2		
d	<b>6A UPS Power Point</b> -Supply, fixing, testing and commissioning of 1 no. 6 A switch & 3 no. six pin 6 Amp. Socket with cover plate, PVC modular box etc on surface / concealed manner.	Nos.	11		
e	<b>AC Point</b> - Supply & Installation of modular type AC box (tiny trip type) with 20 Amp. socket & 20A SP MCB/switch complete to be provided near indoor unit.	Nos.	6		
f	<b>Timer for Glow sign Board</b> -Supply, installation and testing of timer with contactor (L&T /Legrand) make controlling the glow sign board with all accessories complete as required as per direction of Engineer incharge. The system will be a part of the panel board.	Nos.	1		
				Total (Rs.)	
<b>8</b>	<b>SITC of LED Lights &amp; Fans</b>				
	Supplying, installation with hanging support, testing and commissioning of following light fixtures with electronic Ballasts, Tubes, lamps, all fixing materials including connecting wires etc. all complete as per the directions of Engineer-in-charge.				
a	36 watt, 2800 lumens square 2'X 2' LED light with necessary fixtures.	Nos.	18		
b	14-15 w ,Minimum 850 lumens LED ROUND DOWN LIGHTER Diameter 110-165mm.	Nos.	5		
c	4feet long 20w Light batten plain fitting with acrylic cover complete	Nos.	7		
d	400 mm sweep Wall bracket fan of approved make complete.	Nos.	0	0	0
e	Installation of existing 1200 mm sweep Ceiling fan of approved make complete.	Nos.	0	0	0
f	300 dia Exhaust Fan continuously rated, capacitor start and run type, totally enclosed and ruggedly built, pre lubricated double ball bearing, copper wound, A & E class insulation, dynamically balanced, below 40 db sound level etc.	Nos.	1		



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g	15w LED bulb	Nos.	2		
h	ding dong bell	Nos.	1		
i	Fan hook & Fan Rod, excavation, fitting & refinishing	Nos.	2		
				Total (Rs.)	
<b>9</b>	<b>Data Cabling Works</b>				
a	Supply and lying of CAT6 Network cable in the PVC conduit	Mtr.	200		
b	Supply and fixing of RJ45 Network socket with front plate and base box for computer workstations.	Nos.	12		
c	Supply and fixing of 3 feet patch card	Nos.	8		
d	Supply and fixing of 7 feet patch card	Nos.	8		
e	Shifting, Testing, commissioning of router, patch panel, rack, modem, switch etc. from exiting branch to new premises.	LS	1		
				Total (Rs.)	
<b>10</b>	<b>Telephone wiring</b>				
a	Supply & laying of 0.5mm dia. Tinned Copper 2 pair telephone cable in the prelaidd data cable conduit.	Mtr.	10		
b	Supply & Fixing of RJ 11 Telephone Sockets with PVC modular box and faceplate complete.	Nos.	2		
c	Supply & Installation of 50Pair KRONE Box with Enclosure	Nos.	1		
				Total (Rs.)	

### Summary of Total

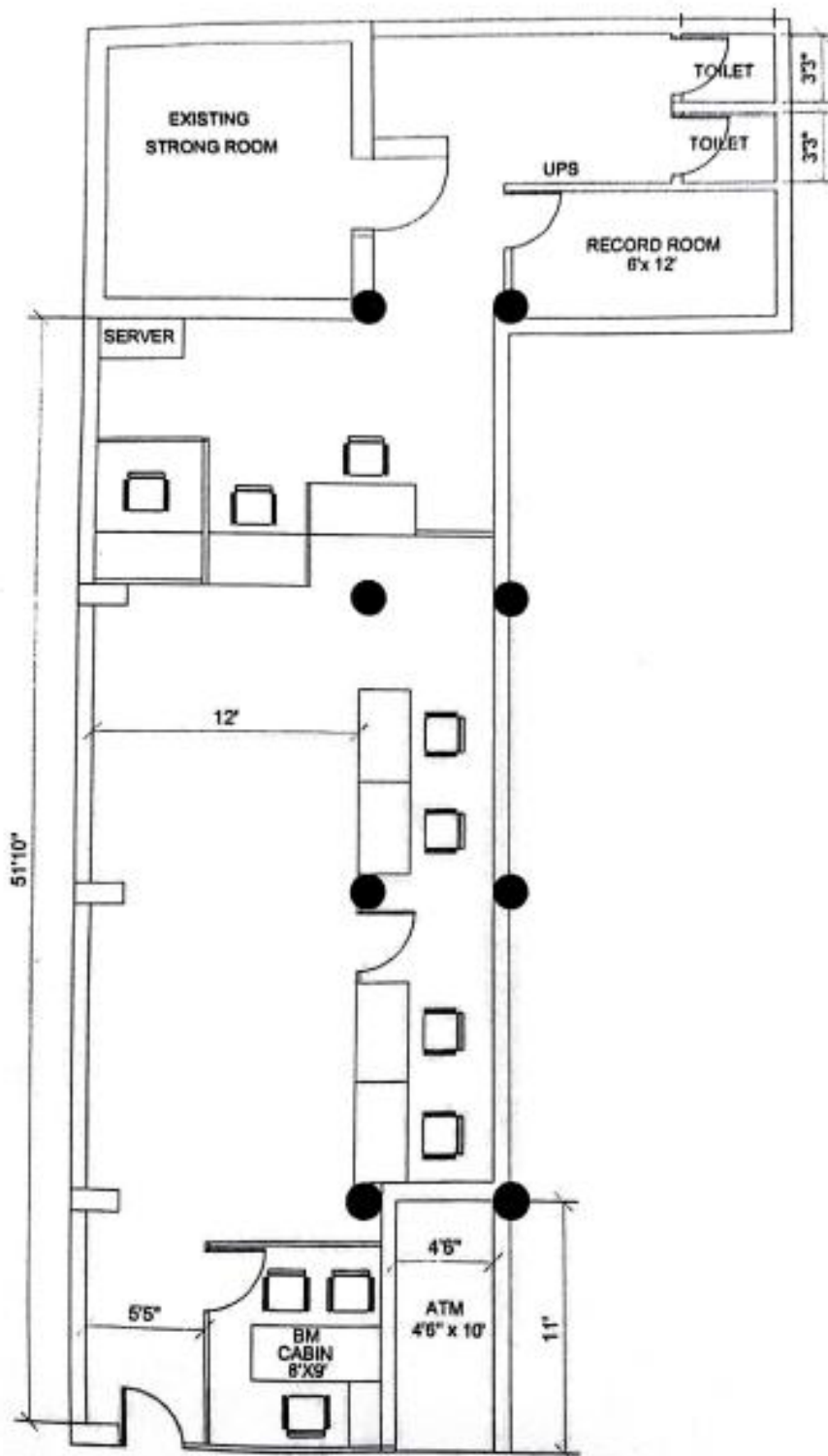
Sr.no.	Description of Items	Rates (Rs.)
1	Main Panels and Distribution Boards	
2	Earthing System	
3	Cables and cable laying	
4	Cable end termination	
5	Internal circuit wiring	
6	Point Wiring	
7	Power Point Outlets	
8	SITC of LED Lights & Fans	
9	Data Cabling Works	
10	Telephone wiring	
	<b>G. Total(Rs.)</b>	
<b>Total in words(Rs.)</b>		

Contractor Seal & Sign

Date -

### **List of Approved Make**

<b>Sr</b>	<b>Items</b>	<b>Make</b>
1	MCCB, MCB, ELCB, RCCB, ICTPN, TP, HRC Fuse, Change over switch, Switch fuse unit.	L & T, ABB, Legrand, Siemens
2	FRLS insulated Electric wires/cables Armored/ Unarmored, sheathed, unsheathed, flexible LT cable, multi core, single core cable.	Finolex, Polycab, Havells, Fort Gloster
3	Rotary switches, selector switches	L&T, GE, ABB, Siemens
4	Ceiling fan, wall bracket fan, Exhaust fan	Crompton, Bajaj, Almonard, GEC
5	Light fixtures, LED	Phillips, Wipro, GE, Crompton
6	Electrical, telephone accessories, modular switch, socket, ceiling rose, bulb holder, fan regulator	Anchor, Legrand, crabtree, MK
7	Bell Buzzer	Anchor, Cona, Leader
8	PVC conduit and casing capping	Polycab, Precision, ANG, Finolex or equivalent
9	Data Cabling items	D-Link, Digi-link, Anchor, Delton, Polycab, Finolex.
10	Current Transformer	Crompton, L&T, Schneider, Legrand.



PROPOSED LAYOUT PLAN OF BULSAR BRANCH