

**Raidighi College, University of Calcutta**  
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**PURCHASE DEPARTMENT**  
**Work Tender**  
**Repair and Renovation of Electrical Works**

TENDER NOTICE NO: RC/WT/19/1

DATE : 07/03/19

Tenders in separate sealed cover are invited by the Chairman, Purchase Sub-committee of Raidighi College from the reputed contractors, experienced in Electrical works with Government of India, State Governments, Railway, Military Engineering Services, Public Sector Undertakings and / or reputed companies for the following works so as to reach the office of Chairman, Purchase Sub-Committee, Raidighi College by 20 days of the advertisement of the Tender Notice..

The description of the work is as follows: **Repair and Renovation of Electrical Works** for Raidighi College buildings. The copies of drawings, documents and site pertaining to the work will be open for inspection at the office of above mentioned officer. Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and present wiring schemes, the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and local conditions and other factors having a bearing on the execution of the work.

**Qualification of Tenderer:**

The bidder should submit detailed credentials, specifically of having satisfactory work completion report during the last three years at least two works each costing not less than Rs. 3.00 lakhs.

The committee does not bind itself to accept the lowest or any other tender, and reserves to itself the authority to reject any or all of the tenders received without the assignment of any reason. All tenders in which any of the prescribed conditions is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer and/or are incomplete in any respect shall be summarily rejected.

Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.

The authority reserves to themselves the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.

The tenderer is responsible for the wastage on materials, carriage and cartage, carrying and return of empties, hoisting, setting, fitting and fixing in position including works at all heights, leads, patterns and designs and all other labours necessary in and for the full and entire execution and completion of the work as aforesaid in accordance with good practice and recognised principles.

The Contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates and prices quoted in the Schedule of Quantities, which rates and prices shall, except as otherwise provided, cover all his obligations (including but not limited to GST) under the Contract and all matters and things necessary for the proper completion and maintenance of the works.

There should be two bids superscribed at the top of the sealed envelope” Technical Bid, and Price Bid:

The Technical Bid should comprise of the following:

- 1) Brief Scope of work;
- 2) Information regarding eligibility;
- 3) Details of All Works of Similar Class Completed During The Last three Years (Completion certificate);
- 4) Project Under Execution or Awarded;
- 5) Structure and Organisation;
- 6) Details of Technical and Administrative Personnel to be employed for the work
- 7) Details of Registration with statutory authorities
- 8) Conditions of Contract
- 9) Special Conditions;
- 10) Safety Code
- 11) Model Rules;
- 12) Specifications;

For the Price Bid:

The tenderer should quote specific rates for each item in the schedule and the rates should be in rupees and paise. The units and rates should be written both in words and figures. The cost of equipments needed to complete the work, and the labour charge should be mentioned separately, and the total cost should be mentioned at the end. The schedule accompanying the tender shall be written legibly and free from erasures, over writings or corrections of figures. Corrections, where unavoidable, should be made by crossing out, initialing, dating and rewriting. No alterations which is made by the tenderer in the agreement form, the conditions of agreement, the drawings or specifications accompanying the same will be recognized and if any such alterations are made, the tender will be void.

Time shall be considered as the essence of the contract. The rate of progress, as mutually agreed to, is required to be maintained. Date of commencement of this programme will be the date on which the site (or premises) is handed to the contractor.

Receipts for payment made on account of work, when executed by a firm, must also be signed by all the partners, except where contractors are described in their tender as a firm, in which case the receipts must be signed in the name of the firm by one of the partners, or by some other person having due authority to give effectual receipts for the firm.

### **PRE-QUALIFICATION**

- I. The following conditions have to be satisfied by the tenderer, with documentary proof to be enclosed with tender bid (Technical)
  1. Particulars of experience / credentials for the works executed of similar nature during last 3 years. (Completion certificate of the works to be enclosed) ending last day of month previous to the one in which applications are invited should have at least two similar completed works costing not less than the amount equal to 3 Lakhs
  2. GST IN
  3. PAN No.
- II. The tender documents shall be given in person to the Chairman, Purchase Sub-Committee, Raidighi College, Raidighi, 743383 along with 5% of the proposed bid via Demand Draft / Bankers cheque drawn in favour of "Raidighi College" payable at Raidighi. The DD/BC shall be enclosed along with tender documents / Technical Bid.
- III. Penalty: 0.5% of the gross value of the work will be levied for every weeks delay by the agency, subject to a maximum of 10% value of the work.
- IV. Quotation should be valid for a period of 90 days.
- V. Period of completion of work is 1 months.
- VI. Tenderers not fulfilling the above conditions, the offer is liable for rejection.

Every page of the price bid document shall be signed by the tenderer at the bottom of the page.

### **SAFETY MEASURES:**

Contractors are advised to issue all necessary safety equipments to workers and see that they are properly used by them. Contractors are advised to follow all necessary safety precaution such as providing sign boards and touching the installation with prior permission of the competent authority.

All sorts of safety measures to be taken shall be deemed to form an integral part of agreement.

### **INSPECTION & TESTING AT CONTRACTOR'S PREMISES:**

In respect of materials supplied by the Contractor for which any guarantee has been given by the manufacturer for a period more than the maintenance period for which the contractor is responsible, the Company shall be entitled to such guarantee and the same shall have to be transferred to the college authority.

All minor jobs whether specified separately or not in the specifications but required for efficient working shall be executed by the contractor with prices quoted.

### GENERAL TECHNICAL CONDITIONS

#### UNLESS OTHERWISE SPECIFIED IN THE TENDER SCHEDULE

1. Tenderers are advised to mention the make/brand against each item of their offer. Only standard and reputed makes or brands acceptable.
2. Supply and installation of switch fuse or fuse switches or existing switch boards includes with all necessary "Standard accessories" required for executing the job in a better way
3. Only laying or supply and laying of cable in existing cable trenches including the removal and putting back the existing RCC trench covers.
4. Supply and laying of chord/cable includes standard way of end terminations.
5. Supply and installation of fuse distribution boards includes along with switch fuse or fuse switch (Whichever may be the case) and necessary standard cable entry boxes.
6. Cable is to be run through suitable conduit at every switchboard above ground level (Power & lighting), distribution board and independently mounted switch fuses.
7. All the switch boards (power & lighting) and distribution fuse boards or MCB Board (Power & lighting) must be earthed to the nearest earth flat or earth pit (conforming to IS) by means of Two runs of 8 SWG GI. Wire should not be used unless otherwise specified.
8. Earth wire is to be run along the cable above the conduit pipe inside the block or building with suitable clamping and 500 mm below the ground in cases it is to be laid outside.
9. Earth wire is to be terminated at both end with suitable T.C. Copper lugs, and fixed with copper earthing clamps at every 12".
10. Cable route marking are to be provided for (LT & HT cable ).
11. In case of (open / concealed ) conduit wiring conduit of 16 gauge must be used conforming to IS: 1653.
12. Fan points must be terminated in ceiling roses and supply is to be taken by means of 3 core copper flexible cable of not less than 1 sq. mm (32/02 mm).
13. Each point is to be independently controlled by a separate switch fixed on a steel box and the switch should be located at a convenient point as desired by the engineer in charge of the work.
14. All the light fittings should be supplied along with necessary tubes / lamps.
15. In wiring straight through or twist joints should be avoided.
16. In wiring colour code is to be followed i.e. Red, Yellow, Blue, Black and White.
17. Wires at the terminating points should be terminated with sufficient looping.
18. Any openings to be made in the existing structure for the purpose of carrying out the electrical work should be closed without any extra cost.

19. All the works executed and/or material supplied must conform to relevant Indian Standards wherever necessary the test certificates of the equipment, cables etc. must be obtained from the original suppliers and handed over to college authority.
20. Number of wires in each size of steel conduit pipe should be as per I.S. Specification.
21. Number of points in each circuit should not be more than 7 and total load of each circuit should not be more than 1500 Watts, whichever is less is to be adhered to.
22. 15 Amps. And above capacity sockets should be wired with a separate circuit of load and return wires independently.

NOTE THE RATES QUOTED IS PRESUMED TO HAVE INCLUDED THE COST OF ALL THE ASSOCIATED/REQUIRED/CONNECTED MATERIALS

23. For every electrical work, various test results, test certificates, the actual layout and schematic circuit drawing & (Blue prints + original – 5 copies) in quadruplicate should be handed over to college authority for submission to the Chief Electrical Inspector's approval, duly signed and stamped by the Competent Contractor & Engineer. The preparation of drawings should be in accordance with the requirements as specified in the relevant IS specifications or as required by Chief Electrical Inspector.
24. Wherever excavation of cable is underground / cable laying works is involved, it should be strictly executed as per IS: 2309 with all minute details.

#### COMPLIANCE OF TIDINESS AT THE SITE OF WORK

1.
  - a) During erection work, every day contractor has to follow sorting of the things at work place and throw away unwanted things as directed by site engineer on daily basis.
  - b) Arrange the things in such a way that they are retrieved quickly.
  - c) Work place shall be maintained clean and neat on daily basis.
2. After completion of work, the area should be cleaned by duly removing scrap/balance materials and shifted to scrap yard/stores as directed by Site Engineer.

  
PRINCIPAL  
RAIBIGHI COLLEGE