



**UNIVERSITY OF CALCUTTA**  
OFFICE OF THE UNIVERSITY ENGINEER  
87/1, College Street  
Darbhanga Building, Ground Floor  
Kolkata-700073  
Website :-www.caluniv.ac.in

**NOTICE INVITING TENDER**

University of Calcutta invites **sealed** tender from resourceful and bonafide contractors for the following work

|     |   |  |
|-----|---|--|
| 1.  | <b>N.I.T. No:</b>   | <b>Eng / ET- 43 /22-23. Date: 20.4.22</b>  |
| 2.  | <b>Name of the work:</b>  | <b><i>Installation of lightning arrester with proper earthing for the office, quarter, hostel, godown, polyhouse etc at Baruipur farm house, under University of Calcutta</i></b>  |
| 3.  | <b>Estimated Cost put to Tender:</b>  | <b>Rs 469138/- (Four lacs sixty nine thousand one hundred thirty eight only) Incl. Taxes</b>   |
| 4.  | <b>Earnest Money:</b>   | A sum of Rs 7950/- ( <b>Seven thousand nine hundred fifty only</b> ) in the form of <b>CTS</b> demand draft in favour of University of Calcutta payable at Kolkata is to be attached with the Tender as earnest money failing which the tender will be treated cancelled. The earnest money will be returned to unsuccessful tenders on application after issuing of work order to the successful bidder. In case of successful tender the EMD will be returned on application after an equal amount of security deposit is deducted by the University from the running bills. <b>EMD is not exempted in any case.</b>   |
| 5.  | <b>Time of completion:</b>  | <b>15 days</b>   |
| 6.  | <b>Eligibility Criteria and Documents to be submitted along with Application.</b> | <p>Valid trade License , GST &amp; PAN and credential for satisfactory completion of similar nature of job amounting 75 % of the estimated value in a single tender in the last three financial years in Government /Government Undertaking or University of Calcutta. Original documents may be asked for verification of technical checking on the date of issuing tender paper . Failing to produce original documents, the tender will be rejected.</p> <p>The participant bidder must submit the following documents in sealed envelope in the tender box kept at the <b>Office of the Engineer at the Ground Floor of the Darbhanga Building, University of Calcutta, 87/1, College Street, Kolkata – 700073 within the last date of submission of the tender.</b></p> <ol style="list-style-type: none"><li>1. NIT documents duly filled and signed by the intending bidder.</li><li>2. Bank Draft for EMD in favour of the University of Calcutta.</li><li>3. Self-attested copy of Valid trade License , GST &amp; Pan and credentials for satisfactory completion of similar nature of jobs under Government, Government Undertaking and Universities etc. within last three years.</li><li>4. <b>Application through postal service or courier service is not accepted.</b></li></ol> |
| 7.  | <b>a) Last date of submission of application for tender</b>                       | <b>On 25/04/2022 from 11AM to 4 PM (Must contain above mentioned document. The application duly signed by Engineer CU should be enclosed with tender documents</b>   |
| 8.  | <b>Issue of tender papers</b>   | <b>TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)</b>  |
| 9.  | <b>Last Date and Time of tender Submission</b>                                    | <b>Dully filled and signed tender/quotation to be submitted on 28/ 04/ 2022 from 11am to 2.00 PM in to the Tender Box kept in the Office of the University Engineer</b>  |
| 10. | <b>Date and Time of Tender Opening</b>  | <b>At or after 28/ 04/ 2022 after 3.00 PM at the Office of the University Engineer. Intending bidders are requested to be present at the time of opening tenders/quotations.</b>   |

**N.I.T no :Name of work and the date of opening should be written on the sealed envelope otherwise tender will not be opened and will be rejected.**

**The undersigned reserves the right to reject any or all Tenders without assigning any reason what so ever.**

UNIVERSITY ENGINEER (C.U)



# UNIVERSITY OF CALCUTTA

Name of the work: *Installation of lightning arrester with proper earthing for the office, quarter, hostel, godown, polyhouse etc at Baruipur farm house, under University of Calcutta*

N. I.T. no- Eng / ET- 43 /22-23.      Date: 20.4.22

Estimated cost Put to Tender:- **Rs 469138/-**-(Four lacs sixty nine thousand one hundred thirty eight only)

Incl.Taxes

Name of Agency:-

Address of Agency:-

Rate quoted by Agency:- ..... (in figure and words)

Signature of the Agency with date & stamp:-



# UNIVERSITY OF CALCUTTA

N. I.T. no : Eng / ET- 43 /22-23.      Date: 20.4.22

## Item Rate contract

### GENERAL TERMS AND CONDITION

1. Eligible Tenders will have to download the tender papers from the website & drop the filled tender papers signed with seal and date at every page along with copy of Valid Trade license's, GST & PAN and Credential for satisfactory completion of similar nature of job amounting to at least seventy five percent of the job value in a single tender from any Government, Govt. undertaking or University of Calcutta in the last three financial year in sealed envelope in the Tender box kept in the Office of the undersigned with in the specified time mentioned in the NIT which will be opened by the undersigned or by his representative with in **the specified time and date mentioned in the NIT** The tendered must write the name of the work , NIT no , the date of opening and name of the bidder on the envelop failing which the tender will not be opened thus will be treated as cancelled.
2. The rate should be quoted after inspection of the site and inclusive of all incidental charges i.e. freight, insurances, labour insurances, handling charges, necessary government taxes, duties etc as well as the Water, Electricity charges which are to be paid as per rules .
3. The contractor shall be responsible to ensure compliance with the provision of minimum wages act 1948 as modified up to date and the rules made in respect of any employees, employed by the contractor directly or through the petty or subcontractor for the purpose of carrying this contract. The contractor shall be responsible for any damage, injury or loss caused by the work or workmen to any person, animal or material during the progress of work.
4. Liquidated damage will be charged to the contractor if they fail to complete the work within the stipulated time, 0.01 % per day to a maximum limit of 10 % of the contract value .



5. The allotted time for completion of the work as specified in the NIT from the date of receipt of work order .Time is the essence of this contract. Normally no time extension will be granted. In case of prayer for extension of time the University authority has the full right reserved to grant it or discard it.

6. (a) If the successful contractor's bid rate is 80% or less than the estimated amount put to tender the contractor will have to submit a Bank Guarantee amounting to 10% of the Tendered amount before issue of Work order failing which the EMD will be forfeited and the agency may be blacklisted. The Bank Guarantee should be valid till the end of the contract period and shall be renewed accordingly if required. This bank Guarantee is an Additional Performance Security .So provision of deducting Security deposit from bills will hold goods per relevant clause of the contract. The bank Gurrantee shall be returned immediately on successful completion of contract.

(b) The University authority will retain a sum amounting to 10% of the bill of the contract for a period of six months from the date of completion of work as **Security Deposit**. Which will be released after a period of six months from the date of completion of the work on application.

7. A sum of 2% of the estimated amount excl. taxes in the form of CTS demand draft in favour of University of Calcutta payable at Kolkata is to be attached with the Tender as earnest money failing which the tender will be treated cancelled. The earnest money will be returned to unsuccessful tenders on application after issuing of work order to the successful bidder. In case of successful tender the EMD will be returned on application after an equal amount of security deposit is ducted by the University from the running bills. EMD is not exempted in any case. The earnest money will be returned to unsuccessful tenderers on application after issue of work order to the successful bidder for successful tenderer the EMD will be returned on application after an equal amount of security deposit is deducted from the running bills.

**Amount:-Rs**

**D.D No**..... **Dated** / /20

**Name of Issuing Bank:--**

**Branch :-**

8. Work is to be carried out as per specification laid in the B.O.Q or PWD specification as per instruction of the University Engineer or his representative.



9. The materials brought to site for execution of the work should by no means be taken out of site without the permission of the Engineer C.U.

10. The rates must be quoted in words in figure otherwise the tender will be cancelled.

11. The University will not be bound to accept the lowest bidder.

12. The University will not supply any materials to the contractor.

13. The contractor will work under the strict supervision of the Engineer/ Sub-Assistant Engineer. The estimate given along with the tender are provisional payment will be made on the actual work done jointly measured by the Engineer or his representative ( Sub-Assistant- Engineer) & the contractor or his representative. The contractor will have to submit bill in printed format in duplicate.

14. The contractor will have to take necessary instruction from the Engineer CU/ Sub-Assistant Engineer regarding the execution of work.

15. Defect & Liability Period:- The defect & liability period will be for a period of 6 months from the date of receipt of the work order. Any defects pointed out during this period has to be mend good by the agency at their own cost failing which the retention money will be forfeited.

Sd/-

University Engineer

Name of the Agency:

Address :-

**Signature of the Agency with date & stamp:-**

**Specific Price schedule**

**B.O.Q FOR INSTALLATION OF LIGHTING ARRESTER WITH PROPER EARTHING FOR THE OFFICE QUARTER,HOSTEL,GODOWN,POLYHOUSE ETC AT BARUIPUR FARM HOUSE,UNDER UNIVERSITY OF CALCUTTA.**

| Sl.No. | Description of work   | Unit   | Rate | Quantity | Amount |
|--------|---|--------|------|----------|--------|
| 1      | S & F Lightning conductor Air-terminals made of 15 mm dia 1500 mm long GI pipe (ISI Medium) having five prongs of 4 SWG GI (Hot Dip) wire at top with 85 mm dia 6 mm thick GI base plate at bottom incl. necessary holes etc. duly grouted on the parapet etc. in CC mortar (4:2:1)   | Each   | 428  | 60       | 25680  |
| 2      | S & F of 4 SWG GI (Hot Dip) wire on Parapet/Roof/Plinth/ Surface of wall for lightning conductor as required (for Horizontal runs) with 40 mm long GI Staples spaced not exceeding 1300 mm apart incl. mending good all the damages to the building works   | Mtr    | 79   | 891      | 70389  |
| 3      | S & F of 4 SWG GI (Hot Dip) wire on wall for the lightning conductor as required (for vertical run) with GI Staples (40 mm long) spaced not exceeding 1 Mtr. apart incl. mending good the damages to building works (excluding hire charges of scaffolding  | Mtr    | 91   | 459      | 41769  |
| 4      | Cutting cornices/ steps etc. including cutting recess in buildings etc. & supply & fixing 15 mm bore (ISI-Medium) GI pipe protection as below and mending good damages to the building works<br>Length above 0.5 Mtr  | Set    | 148  | 24       | 3552   |
| 5      | Making soldered joints between conductors, conductors and air terminals for 4 SWG GI (Hot Dip) wire incl. supply of jointing materials and painting with 2 (two) coats of bituminous paint  | Each   | 61   | 50       | 3050   |
| 6      | Making soldered joints between conductors and down pipes/ other metallic objects for 14 SWG GI (Hot Dip) wire including supply of necessary 4 SWG GI (Hot Dip) wire, jointing materials and painting with 2 (two) coats of bituminous paint   | Each   | 109  | 50       | 5450   |
| 7      | Hiring charges for scaffolding arrangement including dismantling at the end of work and carriage, for LC installation, per storey of building per vertical run  | storey | 155  | 120      | 18600  |
| 8      | Supply & Fixing of Testing Joints by 20 mm x 3 mm thick GI (Hot Dip) strip 125 mm long grouted on wall having clearance of 6 mm from wall for making connection with thimbles at the end of 7/10 SWG GI (Hot Dip) stranded Wire and 4 SWG GI (Hot Dip) wire of vertical conductor and conductor from earth electrode complete with S & F thimbles, GI bolts, nuts, check-nuts, spring washers |        |      |          |        |

|    |  |      |       |    |        |
|----|--|------|-------|----|--------|
|    | etc. as required   | Each | 170   | 50 | 8500   |
| 9  | Earthing with Copper plate (610x610x3mm size) having weight of 9.84 Kg and 1 No. 25x5mm Copper strip (3.20 mt long) & 1 no. 6 sqmm PVC insulated stranded Copper wire (4 Mt long) incl. S & F 15 mm dia GI pipe (ISI-Medium) protection (4 mt. long) to be filled with bitumen, partly under the ground level & partly above ground level to an average depth of 3.65 Mts. below the ground level and restoring the surface duly rammed incl. providing 3.0 mt long, 25 mm dia GI pipe (ISI-Medium) for periodic treatment, incl. providing masonry enclosure on the top of the earth electrode of overall size 86.36x86.36x46cm deep (below Ground level) complete with cemented brick work (1:6) of 25 cm width, duly plastered with cement mortar (inside) CI hinged inspection cover of size 36.56x35.56cm with locking arrangement, GI reducer and treatment of soil by using salt & charcoal or coke for plate electrode | Each | 10466 | 15 | 156990 |
| 10 | Excavation of soil for installation of Earth Electrode and filling & ramming.<br>For Soft Soil   | Cum  | 215   | 15 | 3225   |
| 11 | Earthing with 50 mm dia GI pipe 3.64 mm thick x 3.04 Mts. long and 1 x 4 SWG GI (Hot Dip) wire (4 Mts. long), 13 mm dia x 80 mm long GI bolts, double nuts, double washers incl. S & F 15 mm dia GI pipe protection (1 Mts. long) to be filled with bitumen partly under the ground level and partly above ground level driven to an average depth of 3.65 Mts. below the ground level as below [By ISI-Medium GI pipe]  | set  | 1524  | 20 | 30480  |
| 12 | Extra for providing masonry enclosure on the top of the earth electrode of overall size 86.36 cm x 86.36 cm x 46 cm deep (below Ground level) complete with cemented brick work(1:6) of 25 cm width duly plastered with cement mortar (inside) CI hinged inspection cover of size 36.56 cm x 35.56 cm with locking arrangement, GI reducer including drilling of 46 nos. 12 mm dia holes on the GI pipe  | item | 915   | 20 | 18300  |
| 13 | Extra for treatment of soil by using salt & charcoal or coke for plate electrode   | item | 531   | 20 | 10620  |
| 14 | Supplying & fixing earth busbar of galvanized (Hot Dip) MS flat 40 mm x 6 mm on wall having clearance of 6 mm from wall including providing drilled holes on the busbar complete with GI bolts, nuts, washers, spacing insulators etc. as required   | Mtr  | 194   | 5  | 970    |
|    | <b>(A) TOTAL BASIC COST :(Excluding G.S.T)</b>   |      |       |    | 397575 |
|    | B)G.S.T 18% EXTRA ON TOTAL TENTATIVE BASIC COST(A)   |      |       |    | 71563  |
|    | C)GRAND TOTAL[A+B]   |      |       |    | 469138 |

Name of the contractor:

Address of the contractor:

Rate quoted by the contractor:

Signature with date & seal:





















Name of the Agency:

Address of the Agency:

Amount quoted by the Agency:

Signature of the Agency with date and stamp.

