



# भारतीय प्रौद्योगिकी संस्थान भिलाई

जिला - दुर्ग, छत्तीसगढ़, भारत (४९१००२)

Indian Institute of Technology Bhilai

Dist.-Durg, Chhattisgarh, India (491002)

IITBhilai/ Estate/ Electrical/ 2024-25/ NIQ/ 004

Dated: 10/05/2024

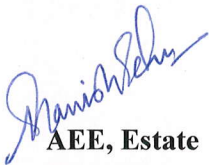
## NOTICE INVITING QUOTATION

|   |                         |   |   |
|---|-------------------------|---|---|
| 1 | Name of Work            | : | Laying of XLPE cables and installation of Switchgears in the Academic zone buildings of IIT Bhilai. |
| 2 | Sub Head                | : | Electrical works in FY 2024-25  |
| 3 | NIQ No.                 | : | IITBhilai/ Estate/ Electrical/ 2024-25/ NIQ/ 004  |
| 4 | Estimated Cost [Rs.]    | : | 4,94,663/-  |
| 5 | Period of contract      | : | 10 days (including rainy days)  |
| 6 | Last date of submission | : | 15/05/2024 up to 03:00 PM   |

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Certified that this NIQ contains 1 to 7 pages.

  
AEE, Estate  
IIT Bhilai

  
Registrar  
For & on Behalf of Director, IIT Bhilai.



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## NOTICE INVITING QUOTATION

Registrar, Indian Institute of Technology, Bhilai, Durg -491002 invites **Item Rate Quotation** from eligible firms/ Contractors registered with CPWD, MES, BSNL, Railways, State PWD or State Electricity Board for the following work: -

| Sr. No. | NIQ No.  | Name of work & Location   | Estimated Cost put to quotation [INR] | Period of contract             |
|---------|--|---|---------------------------------------|--------------------------------|
| 1       | 2  | 3   | 4                                     | 7                              |
| 1       | IITBhilai/ Estate/ Electrical/ 2024-25/ NIQ/ 004 | <b>Name of Work:</b> Laying of XLPE cables and installation of Switchgears in the Academic zone buildings of IIT Bhilai.<br><b>Sub Head:</b> Electrical works in FY 2024-25 | 4,94,663/-                            | 10 days (including rainy days) |

The Quotation document can be downloaded from Institute Website [https://iitbhilai.ac.in/index.php?pid=ann\\_tenders](https://iitbhilai.ac.in/index.php?pid=ann_tenders). The time and date for issue of quotation is 10/05/2024 from 05:30 PM and last date for Submission of quotation is 15/05/2024 up to 03:00 PM. Opening of date of bid is 15/05/2024 at 3:30 PM. Eligible contractors/firms have to submit following documents with Quotation:

1. Attested copy of valid GSTIN registration.
2. Self-Attested copy of PAN Card.
3. Attested copy of valid contractor registration for Electrical works.
4. Telegraphic, Postal & Conditional Quotation are liable to be summarily rejected.

Authority of IIT Bhilai reserves the right to reject any or all the quotations without assigning any reason.

The following should be super scribed on the envelope containing “self-attested” Quotation Documents.

- a) Name of work.
- b) Name of Firm/Contractor.
- c) Date of opening.
- d) Estimated cost

Sealed envelope containing quotation along with above mentioned documents submitted to Estate, Office, Room no 212, Health Center, IIT Bhilai, village Kutelabhata, Durg by hand on or before the last date mentioned.

Registrar

For & on Behalf of Director, IIT Bhilai.

Copy to:

1. Director :- For kind information
2. Institute Work Department :- For kind information
3. IIT Bhilai website



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## SCHEDULE OF MATERIAL TO BE ISSUED

Schedule showing approx. quantities of material to be supplied by Institute under Clause 10 of the conditions of contract for work contracted to be executed and the rates at which they are to be charged for.

| Items Particulars | Rates at which the material will be charged to the contractor. | Place of delivery |
|-------------------|--|-------------------|
|                   | Nil  |                   |
|                   |  |                   |

Note: -

1. The person of firm submitting the tender should be see that the rates in the above schedule is filled up by the Engineer- In- charge on the form prior to the submission of the quotation.

Signature of the contractor with seal

**Brief Scope of Work:** Multiple cables are available across the buildings of Academic zone which need to be properly laid along the cable tray and walls and provision of switchgears to functionalize and safely operate the electrical network.

*Munish Kumar*





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## FORM "F"

### ORGANISATION DETAILS

| S. N. | Particulars                       | Details |
|-------|-----------------------------------|---------|
| 1.    | Name of the bidder                |         |
| 2.    | Address of the bidder             |         |
| 3.    | Contact No.                       |         |
| 4.    | Email id                          |         |
| 5.    | Valid Contractor Registration No. |         |
| 6.    | GST Registration No.              |         |

Signature of Bidder(s)

*Handwritten signature in blue ink.*



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## TERMS & CONDITIONS

- 1 The work shall be awarded to the lowest bidder who meets the eligibility criteria.
- 2 No T & P would be supplied by the institute and contractor will have to make own arrangements.
- 3 The contractors are advised to get acquainted with the proposed work including specifications & its additional conditions carefully before quoting. No claim of any sort shall be entertained or account of any site conditions ignorance of specification & additional conditions. The work shall be carried out as per the availability of site.
- 4 The work shall be carried out as per CPWD specifications 2019 volume I & II with up – to date correction slips unless otherwise specified in the nomenclature of individual item or in the specification, and its additional conditions where specifications are silent, the decision of Engineer-in-Charge shall be final and binding on contractor in terms of latest Form 7/8 of IIT Bhilai/CPWD.
- 5 The rates quoted by the contractor shall be taken as Gross and nothing extra shall be paid on any account i.e. Royalty, Cartage, GST & Stacking of material required at place etc.
- 6 The rates for different items of work shall apply for Heights & Depths, Leads & Lifts unless otherwise specified in the agreement or specifications applicable in the agreement and rates are to be quoted on a lump sum basis.
- 7 Any damage done by the contractor to any existing item/any part of the building/services during execution of work shall be made good by the contractor at his own cost.
- 8 Articles manufactured by reputable firms and approved by Engineer-in-Charge shall only be used. Only articles classified as “First quality” by the manufacturer shall be used unless otherwise specified.
- 9 The sample of material required in the work brought at site shall be got approved from Engineer-in-Charge before use in execution of work.
- 10 The sample of material required for Testing shall be provided at free of cost by the contractor. Testing charges if any shall be borne by the Contractor. All other expenditures to be incurred for taking samples, conveyance, packing etc. shall be borne by the contractor.
- 11 The Engineer-in-Charge can modify the programme & the contractors have to work accordingly. In case work does not start within 2 days the same is liable to be rescinded as per latest Form 7/8 IIT Bhilai/CPWD and In case of delay liquidated damages to be imposed on Contractors as per latest Form 7/8 of IIT Bhilai/CPWD. The Clause of extension of time is also applicable as per CPWD manual and GCC.
- 12 Some restrictions may be imposed by the security staff of IIT Bhilai etc. on the working and or movement of labour camp/huts shall be allowed in IIT Campus. The Contractor shall make his own arrangement for labour huts outside the campus. However, constructions of cement go down and Chowkidar’s hut in the Campus shall be permitted. The contractor shall be bound to follow all such restrictions/ instructions, and nothing shall be payable on this account.
- 13 The contractor shall be fully responsible for the safe custody of the material issued or brought at site by him for doing work.
- 14 The Malba/Garbage generated at site due to construction activities shall be removed from the site immediately & shall be disposed off by the contractor to the approved dumping site of Municipal Corporation of Bhilai, Durg.
- 15 The contractor shall clean the site thoroughly of scaffolding materials, rubbish, equipments left out of his work & dress the site around the building to the complete satisfaction of the Engineer-in-Charge before the work is treated as completed.
- 16 Proper curing shall be done by the contractor.
- 17 Income tax, Labour Cess and other taxes/deductions as applicable shall be deducted from the bills of contractor.
- 18 Estimate has been prepared based on the latest CPWD DSR and Market Rate..
- 19 Total deviation in value of work shall not be more than 1.25 times the work awarded amount.
- 20 Time period for the execution of the work will be as per NIQ starting from the time of issue of the work order.
- 21 Incomplete work will be got done at the risk and cost to the contractor.
- 22 No advance/bonus/escalation will be given to the contractor.
- 23 Bid validity shall be 15 days.





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## SCHEDULE OF QUANTITY

**Name of Work: Laying of XLPE cables and installation of Switchgears in the Academic zone buildings of IIT Bhilai.**

| S.N. | DESCRIPTION OF ITEM   | QTY | UNIT | RATE | AMOUNT |
|------|---|-----|------|------|--------|
| 1    | Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required. |     |      |      |        |
|      | a) 250 A, 36 kA, FPMCCB   | 8   | Nos  |      |        |
|      | c) 125 A, 36 kA, FPMCCB   | 12  | Nos. |      |        |
|      | e) 63 A, 36 kA, FPMCCB  | 4   | Nos. |      |        |
| 2    | Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on cable tray as required   |     |      |      |        |
|      | a) Above 35 sq. mm and upto 95 sq. mm (clamped with 25X3 mm MS flat clamp)  | 250 | Mtr  |      |        |
|      | b) upto 35 sq. mm.  | 540 | Mtr  |      |        |
| 3    | Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required   |     |      |      |        |
|      | a) Above 95 sq. mm and upto 185 sq. mm (clamped with 25/40X3 mm MS flat clamp)  | 42  | mtr  |      |        |
| 4    | Supplying & Fixing of factory made MS enclosure suitable for four pole/three pole MCCB directly on wall including drilling holes, making connections, etc. as required  |     |      |      |        |
|      | a) 250 A, 36 kA, FPMCCB   | 8   | Nos. |      |        |
|      | b) 125 A/63 A, 36 kA, FPMCCB  | 12  | Nos. |      |        |
| 5    | Supply and installation of busbar inside Electric Panel Board Completed with CR Sheet(16SWG) Colour: Grey Powder Coated.<br>PANEL SIZE IS 600MM(H)X 600(W)X 300(D)  |     |      |      |        |
|      | a) 250A ALUMINIUM Busbar with Heat Shrinkable Colour Coded SLEVE.   | 3   | Nos  |      |        |

*Handwritten signature in blue ink.*



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| S.N.                           | DESCRIPTION OF ITEM   | QTY | UNIT | RATE | AMOUNT |
|--------------------------------|---|-----|------|------|--------|
| 6                              | Supplying and installing following size of perforated painted with powder coating M.S. cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as required. |     |      |      |        |
|                                | a) 300 mm width X 50 mm depth X 1.6 mm thickness  | 20  | Mtr. |      |        |
| 7                              | Supplying and installing following size of perforated painted with powder coating M.S. cable trays bends with perforation not more than 17.5%,, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as required.                  |     |      |      |        |
|                                | a) 300 mm width X 50 mm depth X 1.6 mm thickness  | 8   | Nos. |      |        |
| <b>Grand Total (in INR)</b>    |   |     |      |      |        |
| <b>Grand Total (In Words):</b> |   |     |      |      |        |

Signature of Bidder(s)

*Signature*