



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar
अरगूल/Argul, जटनी/ Jatni, खुरधा / Khurda, ओडिशा/ Odisha- 752050
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ENGINEERING SECTION/अभियांत्रिकी अनुभाग

SHORT TENDER CALL NOTICE

No.IITBBS/SE/Engg. Section/10/2025-26

Dt. 26.06.2025

The Superintending Engineer (Civil), IIT BBS invites sealed quotations from eligible contractors for the following work.

Name of Work: Supply & laying of 50 sqmm 3.5 core Aluminum XLPE Cable from Type F to OGR 3 of IIT Bhubaneswar, Jatni, Khordha.

Estimated Cost (in Rs.)	Tender Fee	EMD	Time period of Completion	Last date & time of receipt of tender	Date and time of opening
2, 86, 511/-	Rs.590/- (Nonrefundable)	14, 325/-	15 (Fifteen) days	30.06.2025 up to 2.30 PM	30.06.2025 at 3.00 PM

The Tender fee & EMD should be deposited along with the quotation in the form of DD only in favor of the Registrar, IIT Bhubaneswar payable at Bhubaneswar in a sealed envelope.

Intending eligible suppliers must enclose pre-qualification documents such as self-attested true copies of original documents such as valid GST registration certificate, Valid Electrical License, experience certificate (WO copy with invoice/ Experience Certificate) for the similar work of "Supply & installation of underground cables" to any Govt. Organization/PSU/Autonomous body, PAN. Tender Fees & EMD as applicable in form of Demand Draft (DD) in a sealed ENVELOPE marked as **ENVELOPE - 1: TECHNICAL BID**. The downloaded Tender document duly filled up, signed and stamped by tenderer on each page to be enclosed in a sealed envelope marked as **ENVELOPE-2 i.e. PRICE BID**. The envelopes marked 1 as TECHNICAL BID and ENVOLP 2 as PRICE BID must be enclosed in a separate envelope marked as TENDER DOCUMENT for "**Supply & laying of 50 sqmm 3.5 core Aluminum XLPE Cable from Type F to OGR 3 of IIT Bhubaneswar, Jatni, Khordha**" and addressed to "The Superintending Engineer, IIT Bhubaneswar, 3rd Floor Main Admin Building At/Po – Argul, Khordha – 752050 ODISHA". The envelope containing tender document (both technical & price bid) must be dropped in the tender box the office of SE, IITBBS as per schedule date & time mentioned above.

The vendor should have submitted the experience of similar works in least preceding 03 years and must have successfully executed at least one similar work of single order of value not less than 80% or at least two similar work of single order of value not less than 50% or at least three similar work of single order of value not less than 40% of the estimated service value in the last 03 years.

The quotation document can be collected either from the office of the Superintending Engineer, located at 3rd floor of Main Administrative building IIT Bhubaneswar at Argul or may be downloaded from the website <https://www.iitbbs.ac.in/index.php/home/tenders/>. Sri G. Behera, AE (Electrical) may be contacted over telephone No.0674-713-8656 in case of any further clarification.

The sealed envelope will be opened at scheduled date and time mentioned above. The bidder/representative of bidder with authorization issued by the bidder may be allowed to present during tender opening process as per scheduled time for witness.

The department reserves the right to reject any prospective application without assigning any reason.

Sd/-
Superintending Engineer(C)

Copy to: 1. Notice Board.
2. PIC – Web for uploading the tender in institute web site

QUOTATION SCHEDULE

Name of the work: Supply & laying of 50 sqmm 3.5 core Aluminum XLPE Cable from Type F to OGR 3 of IIT Bhubaneswar, Jatni, Khordha

Sl. No.	Item Description	Unit	Qty	Rate in Rs. (excluding GST)	Amount in Rs. (excluding GST)
1	Supply of 1.1 KV grade XLPE insulated, PVC sheathed, Galvanized steel strip Armoured, Aluminum Power cable size 50 sqmm 3 ½ core as per IS:7098 Part-1 (1988) Make – KEI/Havells/Polycab/RR Cable/FINOLEX	metre	300	453.91	1,36,174.26
2	Laying of one number PVC insulated & PVC sheathed/XLPE power cable of 1.1KV grade of size 50 sqmm 3.5core direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required	metre	260	402.22	1,04,576.72
3	Laying of one number PVC insulated and PVC sheathed /XLPE power cable of 1.1KV grade of size 50 sqmm 3.5core in the existing RCC/HUME/METAL pipe as required	metre	20	50.20	1,004.00
4	Supply and making end termination with double brass compression gland and Aluminium lugs for 3.5 C x 50 Sq.mm XLPE insulated and PVC sheathed AL Power cable of 1.1 KV grade as required.	Set	2	525.57	1,051.13
	Total				₹ 2,42,806.12
	Add GST @ 18%				₹ 43,705.10
	G. Total				₹ 2,86,511.22
	Or Say (A)				₹ 2,86,511.00
	(B) Add _____% (percentage) above/at par/below the total above(A)				
	Total (A+B)				

Total Amount in Figure/Words-----

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Signature of the Contractor

Sd/-
Superintending Engineer (Civil)

SCOPE OF WORK

Name of the work: Supply & laying of 50 sqmm 3.5 core Aluminum XLPE Cable from Type F to OGR 3 of IIT Bhubaneswar, Jatni, Khordha

1. The agency is advised to make a survey of the proposed area, routes before submitting the quotation.
2. Supply, laying, testing & commissioning of 300-meter length 3.5 Core 50 sq.mm XLPE 1.1 KV grade power cable as per the schedule from the electrical panel room of type F Quarter to the Control panel of OGR
3. The length between LCS-2 to feeder pillar is around 300 meter.
3. 20 meter of cable length has to be laid inside the existing RCC Hume pipe & remaining length to be laid direct in ground at 0.75 m depth from the top soil with sand cushioning & protective brick provision. Excavation as per the requirement needs to be done. However, manual/machine excavation has to be done for certain length where the existing cable/other services are running. The same will be intimated by the Institute during site survey.
4. While drawing the cables inside the Hume pipe, it is required to open the mouth of the hume pipe and cleaning of inner side of hume pipe by the agency either manually or using machineries, but in no case the existing cable should not be damaged should be damaged. After cable laying the hume pipe mouth needs to be closed properly.
5. The agency has to be circumspect about the safety part while excavation to prevent damage of existing services like water line, sewer line, OFC cables & Electrical cables.
6. The cables at both end needs to be terminated after glanding. Related accessories need to be provided by the agency. Bush (Vegetation) cleaning if required has to be done by the agency within the tender cost at site.
7. Proper dressing of cable inside the trench shall be done. Care should be taken to avoid damage of cable while laying. Skilled technical persons shall be deployed for the work. The work must be executed under the supervision of a Technical person having experience in similar kind of work.
8. All tools/machineries required for the work shall be arranged by the agency.
9. Supplied materials shall comply the corresponding IS/IEC Standard.
10. Receipt, storage, preservation and conservation of equipment at the site is in the scope of the Contractor. Contractor shall take prior approval from IIT BBS for storage of material at site.
11. Necessary commissioning check & site testing to be carried out by the contractor at site after installation in presence of IIT representative.
12. Loading, unloading, transportation, Welding and cutting if required at site is under the scope as required.
13. All minor works required during installation such as grouting, welding/cutting, opening of walls/floors, trench area as required are under the scope of work.
14. Closing/sealing of cable entry point after the completion of work. Electricity if required during the work will be provided by IIT free of cost for which IIT will show the nearest tapping point only. Arrangement for tapping power will be made by the contractor.

Sd/-
Superintending Engineer (C)
IIT BBS

TERMS AND CONDITIONS

1. **Scope of work:** Details enclosed as **Annexure I & Annexure II**,
2. **Consumables/Small items:**

The rates shall be all inclusive of establishment as well consumables/small items required for the work. The contractor is required to assess the probable quantity of all types of consumables & other small items likely to be required for execution of the work. Nothing extra on account of consumables shall be payable over and above the contract value. The items shall have to be approved by Engineer in-charge of IIT BBS before use.
3. **Taxes and Duties:** GST@18% will be reimbursed on issue of tax invoice & proof of payment to Govt. of India. GST element is to be disclosed separately in the invoices. However, Taxes & labour cess as applicable will be deducted from the Contractor's Bill.
4. 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 under the Contract and all matters and things necessary for the proper completion of the works.
5. **Specification:** The execution of work should be done at site as per the specifications and material approved by the Engineer-in-Charge. Before supply of the materials, the Technical data sheets of the items need to be submitted for approval of the Engineer-in-charge. The materials to be supplied at site must confirm to the relevant IS standard/IEC standard whichever is applicable.
6. **Time for completion:**

Time is the essence of the contract. Entire work shall be completed within 15 days from the date of issue of Work Order. In case the contractor fails to complete the work as per the above completion schedule, LD clause will be applicable.

The delay will not be attributable to the contractor, if the site will not be handed over by the Engineer-in-charge in which case the contractor is not liable & the LD clause will not be applicable for the contractor. The reasons for the delay must be recorded either through writing or through e-mail communication. Accordingly, time extension will be given to the agency.
7. **Terms of Payment:**

No advance payment will be made to the contractor. Payment will be released after completion of the work as per the detailed scope, schedule after deducting the security amount & other deductions including taxes as applicable. Payment will be made as per actual measurement at site.
8. In the case of discrepancy between the schedule of specifications, the following order of preference shall be observed:
 - i) Description of Schedule of quantities.
 - ii) Particular Specification and special condition, if any.
 - iii) CPWD specifications.
 - iv) Indian Standard specification of BIS/IEC standard.
9. If there are varying or conflicting provisions made in any one document forming part of the contract, the Director, IITBBS shall be the deciding authority with regard to the intention of the document and his decision shall be final and binding on the contractor.
10. **Paying Officer:** The Registrar, IIT Bhubaneswar.

11. **Return of EMD:** The earnest money given by all the bidders except the lowest bidder will be refunded immediately after acceptance of the successful bidder. Earnest money of the successful bidder shall be refunded on request without any interest after completion of work.
12. **Warranty:** The materials/works shall be warranted against any defect for a period of 1 year from the date of final testing, commissioning. During this period, the contractor has to replace/repair the defective work free of cost, failing which equivalent amount will be deducted from Security deposit.
13. **Security Deposit (SD):** Security deposit @ 5% of the gross value of the work will be deducted from the final bill and kept as security deposit by IIT Bhubaneswar. The SD can be released after 12 months from successful completion of the work to the satisfaction of the Engineer in-charge.
14. **Liquidated Damage:** Liquidated damage @ 0.5% of the tendered value of the work lagging behind per week of delay in completion of the work shall be levied subject to maximum 10% of Contract value.
15. **Place of Work:** The entire work is to be completed at IIT Bhubaneswar campus at Argul, Jatani.
16. **Site Inspection by the Bidders:** The agency is advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tender as to the nature of site, the means of access to the site and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidder shall be responsible for arranging and maintaining at his own cost all materials, tools and plants, water & electricity access, facilities for the workers and all other services required for executing the work. The source of water and Electricity point will only be shown to the contractor from where necessary tapping can be made by the contractor at the time of work execution.
17. **Safety:** All safety measures are to be followed by the successful bidder while execution of the contract & safety standard shall be followed as per IE (Indian Electricity) rule, while working near charged Electrical panel/on Electrical system. Licensed/Experienced Electrical person shall be deputed for Electrical works. The Institute does not hold responsibility for any untoward situation arising out due to violation of safety rules. Work permit shall be obtained from IIT BBS before taking up the work.
18. IIT will not be responsible or liable in case of any accidental injury to the personnel of the contractor at work site or to the general public at work site due to mishandling/improper work execution by the personnel of the contractor. Workmen compensation, EPF, ESI of the employees shall be taken care by the contractor.
19. After completion of work, area to be thoroughly cleaned by the contractor and the waste are to be taken out by the contractor through proper waste management.
20. It will be the sole responsibility of the Contractor to abide by the provisions of the following acts as to the workers engaged by him for performance of this contract:
 - Employment of Children Act
 - Workmen Compensation Act
 - Employment of Labour / Contract Labour Act
 - Industrial Employment Act
 - Contract Labour Abolition and Regulation Act 1970
 - Minimum Wages Act
 - Employee Provident Fund Act.
 - Any other act or legislation which may govern the nature of the contract.

21. The Contractor shall be liable to pay compensation for any loss and damage caused to the property of IIT BHUBANESWAR. The damages made must be rectified by the contractor without any extra cost. In case, the rectification will not be done by the contractor, equivalent amount as assessed by the Engineer in-charge will be deducted from the Bill of the contractor. The cost for the same will be assessed by tender accepting authority and will be limited to the tendered amount.
22. **Personal Accident Insurance:**
- The entire contractor employee will have to be covered under insurance against any personal accident and Institute will not be liable for payment of any compensation on that account. During the execution of work, the contractor shall follow all standard norms of safety measures / precautions to avoid the accident / damages to man, machineries and building. On non-adherence of this clause, suitable fines shall be imposed as decided by engineer in charge, Institute. But, in no case the fine imposed by the Institute exceeds the contract value.
23. The Institute reserves the right to cancel the tender at any time without assigning any reason thereof.
24. **Jurisdiction of the Court:** Dispute/Litigation if any, arising out of this contract, shall be deemed to have been entered into at Bhubaneswar under jurisdiction of Odisha High Court, Cuttack.

Sd/-

Superintending Engineer (C)