



# भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद

धनबाद, झारखण्ड, भारत, पिन-826004

(मानव संसाधन विकास मंत्रालय, भारत सरकार के अधीन राष्ट्रीय महत्व का एक संस्थान)

**INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), DHANBAD**  
**DHANBAD, JHARKHAND, INDIA, PIN-826004**

(An Institute of National Importance under Ministry of H.R.D., Govt. of India)

STORES & PURCHASE SECTION Phone:(0326) 2235678 || Email : purchase@iitism.ac.in || Website : www.iitism.ac.in

No.: ECE/500491/17-18

Date: 05-04-2018

## NOTICE INVITING TENDER

### Subject: Supply and installation of Electro-Optic Phase modulator

Indian Institute of Technology (Indian School of Mines), Dhanbad invites quotations for the following to be supplied and delivered in ECE Department.

S No	Full Description of items/ store	Qty	Delivery
1	<b>Supply &amp; Installation of Electro-Optic Phase modulator</b> (Detailed Specification is given in Annexure – I)	1	At the Earliest

### Tender Schedule

Particulars	Date & Time
Last date and time for submission of tenders	<b>02.05.2018 at 1:00 P.M.</b>
Date and time of opening of tenders	<b>02.05.2018 at 3.00 P.M.</b>

1. You are requested to quote your lowest rates for the supply of above items in the attached format for Financial Bid (Annexure – II)
2. You may send your representative in the office of the undersigned at the scheduled date and time of opening of tender.
3. Tender should be submitted in sealed cover only superscribed with Enquiry No. and due date at the following address only:

*The Deputy Registrar (P&S)*  
*Indian Institute of Technology (Indian School of Mines),*  
*Dhanbad – 826 004 Jharkhand*



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## Terms & Conditions

- 1) The rates should be quoted for each item separately F.O.R. Dhanbad basis only.
- 2) Conditional offer will not be accepted.
- 3) IIT (ISM) does not issue any Form 'C' or 'D' towards sales tax concessional rate. Hence, full rate of GST applicable should be quoted.
- 4) Being an IITs and equipment will be used for research purpose. Hence, GST may be charged @ 5% as per Institute's notification.
- 5) **Educational discount**, if any, should be clearly mentioned.
- 6) You are requested to submit your quotation strictly as per the specifications mentioned in the NIT.
- 7) Your tender must be valid for **minimum 90 days** from the date of opening of tender.
- 8) Please mention warranty/ guarantee in your offer clearly. Material/ equipment to be supplied must have minimum warranty/guarantee of **12 months**.
- 9) *Each page in the bid document must be numbered properly* and duly signed & sealed by the bidder on every page of the bid.
- 10) **The items/ materials shall be required to be delivered at ECE Department/ Section through Purchase & Store Section, IIT (ISM) Dhanbad** at the risk and cost of the tenderer. In case for foreign bidder, sole responsibility of bidder to supply the material/ equipment at IIT(ISM), Dhanbad.
- 11) IIT(ISM), Dhanbad is entitled for Excise Duty Exemption under Govt. of India notifications and is registered with DSIR, Govt. of India for this purpose. This may be taken into consideration while quoting minimum possible rate. Exemption Certificates can be issued in favour of manufacturers only, if it is mentioned in the bid. It will not be issued any Indian Agent/dealer or distributor at any circumstances. IIT(ISM) will provide only custom duty exemption certificate for availing concessional custom duty. IIT(ISM) will not pay any extra custom duty other than duty exemption certificate.
- 12) Unloading and installation shall be the complete responsibility of the supplier.
- 13) The stores are required to be delivered within 30 days. Late delivery may not be accepted.
- 14) The items offered should be of good quality confirming to BIS standards, wherever applicable.
- 15) **Advance payment is not admissible**. Payment shall normally be made within 3-4 weeks subject to receipt and acceptance & installation of the ordered materials/items and submission of bills etc. (as per Purchase Order Terms).
- 16) In the event date on which the tender is opened for acceptance is declared to be a holiday, the tenders shall be deemed to remain open for acceptance till the next working day.
- 17) Please send your offer by Regd.Post/ Speed Post/ Courier along with Courier receipt. Tender/ quotation will be received during IIT (ISM) working hours only (i.e. Monday to Friday). *Late or delayed tenders shall be summarily rejected*.
- 18) Any other information that you may like to obtain, you are free to contact IIT (ISM) before submission of tender.
- 19) IIT (ISM) reserves the right to accept and/or to reject any/ all tenders without assigning any reason.

Deputy Registrar



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Annexure – I

## Technical Specifications:

Sl. No	Item	Quantity
1.	<ul style="list-style-type: none"> <li>• Electro optic phase modulator :               <ol style="list-style-type: none"> <li>1. Operating Wavelength: 1525 nm - 1605 nm</li> <li>2. Optical Insertion Loss : 3.0 dB (Typical) 4.5 dB (max)</li> <li>3. Optical Return Loss: 40 dB(Max)</li> <li>4. Optical Input Power: 100 mW(Max)</li> <li>5. E/O Bandwidth (-3 dB): 10 GHz (Typical)</li> <li>6. Fiber Lead Length :1.5 m (Typical)</li> <li>7. Vpi @ DC : 3.5 V(Typical) 4 V (Max)</li> <li>8. Vpi @ 1 kHz (EO Mode) : 4.0 V (Typical)</li> <li>9. Vpi @ 10 GHz (EO Mode) : 6.5 V (Typical)</li> <li>10. RF Input Power: 24 dBm(Typical)</li> <li>11. Operating Temperature:0 °C (Min) - 70 °C(Max)</li> </ol> </li> <li>• Microwave Adapter Cable, SMA Male to SMP Female, 6" (152 mm)</li> <li>• 5/16" Calibrated Torque Wrench for Coaxial Connectors, 8 in-lbs</li> </ul>	<p>1</p> <p>1</p> <p>1</p>



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Annexure - II

## Format for Financial Bid

NIT No.: ECE/500491/17-18

Date:

Bidders Ref: No.

Date:

GSTIN No.:

**Subject: Supply & Installation of Electro-Optic Phase modulator**

Sl. No.	Full Description of Items with (HSN Code/SAC Code)	Qty.	Rate	Amount
			Packing & Forwarding (if any)	
			<b>Total</b>	
			GST	
			Freight (if any)	
			Installation (if any)	
Amount should be in figure as well as word			<b>Grand Total</b>	

### Note:

- 1) All the details must be provided as per prescribed format only
- 2) Prices quoted by the bidders should include GST, HSN Code, SAC Code, duties, livies, transportation cost and insurance costs etc. if any
- 3) All the rates must be quoted in Indian Rupees.