



भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद

धनबाद, झारखण्ड, भारत, पिन-826004

(शिक्षा 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 Education, Govt. of India)

PROJECT PURCHASE SECTION

||

Email: projectpurchase@iitism.ac.in

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Website: www.iitism.ac.in

EC-PRJ-033-25-26

20th January, 2026

Request for Quotation

To,

Subject: Supply & Installation of Procurement of Optical Power & Wavelength Meter, InGaAs Optical Power Measurement Head, 100nw, 800-1600nm

Sir,

Indian Institute of technology (Indian School of Mines), Dhanbad is interested in the purchase of the materials/ equipment listed below:

Sl. No.	Detailed Specifications	Quantity
1.	Supply & Installation of Procurement of Optical Power & Wavelength Meter, InGaAs Optical Power Measurement Head, 100nw, 800-1600nm (Detailed specification as per Annexure- I)	01 No

INSTRUCTIONS:

- 1) Please attach relevant technical literature of the item.
- 2) Please mention the warranty/ guarantee period in your offer. The equipment/ material supplied must have a minimum warranty/ guarantee of **12 months**.
- 3) Please attach an authorization certificate from OEM.
- 4) Please mention after-sales service information in your offer.
- 5) **Please attach a certificate that the quoted price is not more than that of any other Govt. organization/ institution in India. This must be mentioned in the offer letter clearly.**
- 6) The rates should be quoted for each item separately as per the price schedule attached as annexure I.
- 7) The items/ materials shall be required to be delivered to the Department of **Electronics Engineering IIT (ISM)** Dhanbad at the risk and cost of the tenderer.
- 8) Your tender must be **valid for a minimum of 180 days** from the date of opening of the tender.
- 9) The stores are required to be delivered within 90 days; late delivery may not be accepted.
- 10) Full details of stores offered should be given in the tender along with supporting & relevant literature/ Technical Literature.
- 11) The items offered should be of good quality conforming to BIS or equivalent standard, where applicable.
- 12) **Advance payment is not admissible.** Payment shall normally be made within 45 days subject to receipt and acceptance & installation (as per Purchase Order Terms) of the materials ordered/items.
- 13) In the event of the supplier failing to supply the materials or install the same as per contract condition, IIT (ISM) Dhanbad shall have the right to deploy a suitable agency/ third party to get the job completed at the risk and cost of the supplier.
- 14) Tender may please be submitted **in sealed cover/Email super scribed with Enquiry No. EC-PRJ-033-25-26 latest by 10.02.2026**
- 15) The offer must be submitted in the office of Deputy Registrar (Project Purchase Section), Office of Dean(R&D), iRh Building 2nd Floor, IIT (ISM), Dhanbad– 826004 (Jharkhand, India) only. Please send your offer by Regd. Post / Speed Post/ Courier along with Courier receipt. Tender/ quotation will be received during IIT (ISM) Dhanbad working hours only (i.e. Monday to Friday). At any circumstances, delivery is not acceptable by hand.
- 16) **EMD:** You are required to submit an EMD of an amount of Rs. 12,000/- in form of Demand Draft in favor of Registrar, IIT (ISM) Dhanbad payable at Dhanbad. EMD can also be submitted in the form of Term Deposit Receipt/ Fixed Deposit Receipt/Bank Guarantee drawn in favor of Registrar, IIT(ISM) Dhanbad.



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- 17) **Performance Security:** To ensure due performance of the item, you are required to submit performance security. The performance security should be furnished within 21 days of the award of supply order. Performance security should be for an amount of five percent (5%) of the value of the supply order. Performance security may be furnished in the form of a Demand Draft/ Fixed Deposit Receipt / Bank Guarantee from a commercial bank in favour of Registrar IIT (ISM) Dhanbad, payable at Dhanbad. Performance security should remain valid for a period of 14 Months from the date of final acceptance/Installation. The performance security will be refunded without any interest, provided that the performance is satisfactory.
- 18) Any other information that you may like to obtain, you are free to contact IIT (ISM) Dhanbad before submission of tender.
- 19) You are requested to fill in the enclosed **Annexures**.
- 20) IIT (ISM) Dhanbad reserves the right to accept and/or to reject any/all tenders without assigning any reason.
- 21) **Payment:** Payment will be made within 45 days after satisfactory supply, inspection, installation/commissioning/ satisfactory services & acceptance and on submission of pre-receipted tax invoice, delivery challan, warranty certificate and installation report in triplicate.
- 22) **Refund of EMD:** EMD will be refunded without any interest on the receipt of Performance security. If a purchase order is placed and you fail or refuse to supply the item, in such case EMD will be forfeited.
- 23) **Please attach purchase order copies of the same/similar equipment which you have supplied to any other Govt., public sector and autonomous institutions.**
- 24) **a) In a tender, either the Indian agent on behalf of the principle/ OEM and the Principle/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender.**
b) If an agent submits bid on behalf of the principle/ OEM, the same agent shall not submit a bid on behalf of another principle/ OEM in the same tender for the same item/product.

For and on behalf of
IIT(ISM) Dhanbad

Deputy Registrar
Project Purchase Section
Office of Dean (R&D)
IIT(ISM) Dhanbad

Annexure -I

General Specification for Optical Power & Wavelength Meter, InGaAs Optical Power Measurement Head, 100 mW, 800-1600 nm

<u>S. No</u>	<u>Parameters</u>	<u>Required Specification</u>
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<u>Optical Power and Wavelength Meter:</u>		
1.	Display	Separate display to show Power Units & Wavelength Units
2.	Display Type:	6 digits, 7 segment green LED
3.	Bargraph	16 segment green LED representing the percent of full-scale power within the selected gain range
4.	Power Units Linear: Wavelength Units: Log:	pW, nW, μ W, mW, W nm, cm^{-1} dB, dBm
5.	Range - Wavelength	190 to 30,000 nm, 52632 to 333 cm^{-1}
6.	Resolution - Wavelength	0.1 nm, 0.1 cm^{-1}
7.	Linearity	+0.1%
8.	Noise Floor	< 1 pA
9.	Communication Interfaces	GPIO
10.	Features	log/linear display modes, auto ranging, user calibration, and reference measurement capability
11.	Software	LabVIEW driver should be available for Virtual instrument programming
12.	Operating Temperature	10°C to 40°C
13.	Storage Temperature	-40°C to +70°C
14.	Humidity	< 85% RH, non-condensing
15.	Power Requirements	220 VAC
16.	Features/Capability	Log/linear display modes, auto ranging, user calibration, and reference measurement
17.	Warranty	1 Year
<u>Optical Power Measurement Head:</u>		
18.	Detector Material	InGaAs
19.	Spectral Range	800 to 1600 nm
20.	Power Accuracy	+5%
21.	Power Range	-50 to +20 dBm (10 nW to 100 mW)
22.	Damage Threshold	+ 37 dBm
23.	Noise	5 nW p-p
24.	Input Port Size	6 mm
25.	Operating Temperature Range	+10°C to +40°C
26.	Warranty	1 Year

Annexure –II

1. PRICE SCHEDULE FOR GOODS BEING OFFERED WITHIN INDIA

Name of the Bidder _____



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RFQ Reference No. _____

File Reference No. _____

Sl. No.	Full Description of items with (HSN Code/SAC Code)	Quantity	Unit Price (in INR)	Total Amount (in INR)
1.				
2.				
3.				
Ex-Works Price-				
Packing & Forwarding				
Transportation				
FOR (IIT ISM) Dhanbad				
<u>GST/IGST (their rate(s) as the case may be, clearly specified)</u>				
Insurance up to Destination/handover (in case of fabrication)				
Installation & Commissioning charge				
Training charges, if any				
Additional Warranty Charges, if any				
Annual Maintenance Charge, if any				

*(On the basis of the technical specifications submitted)

Total Bid Price in words _____

Note:

(a) The Price schedule of optional items shall be indicated in a separate sheet in the same Performa.

(b) Cost spare parts may be indicated separately

Signature of Bidder

Name _____

Business Address _____

Annexure –III

Declaration by bidder

(Please specify Class of Supplier and Local Content percentage)



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**In accordance and manner as specified in Order No. P45021/2/2017-PP (BE-II) dated :
04th June 2020 issued by DIPP, Ministry of Commerce and Industries, Gol.**

To,
The Registrar,
Indian Institute of Technology (Indian School of Mines)
Dhanbad -826004
Respected Sir,

In accordance with the order No. P-45021/2/2017-PP (BE-II) dated 04th June 2020, I hereby declare that

- I am aware about all provision mentioned in RFQ Bid No.as well as order No. P-45021/2/2017-PP (BE-II) dated 04th June 2020 and abides by the same.
- I declare that for this tender, I am a **Class-I local supplier / Class-II local supplier / Non-local supplier** (Strike out whichever is not applicable) and classification is based on local content of goods/services/work offered by bidder in this tender.
- Local content (in percentage) in offered good/services/work is: _____%**
Whereas 'Local Content' means the amount of value added in India which shall, unless otherwise prescribed by the Nodal Ministry, be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value, in percent.
- The local content for all inputs which constitute the said goods/services/works has been verified and bidder is responsible for the correctness of the claims made therein.
- Details of items, amount and location(s) at which the local value addition is made:

Sl. No.	ITEM (S)	AMOUNT	LOCATION(S)
1.			
2.			
3.			
4.			

Date:

Signature:

Name of Authorized Signatory:

Name of Bidder:

Seal of Bidder:

Annexure -IV

SELF-CERTIFIED DECLARATIONS FOR TAKING PART IN TENDER

a. Regarding blacklisting / debarring



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b. Insolvency

1. I / We _____ (Tenderer) hereby declare that the firm / agency / Company, namely M/s _____ has not been declared as **insolvent**.

AND

2. I / We _____ (Tenderer) hereby declare that the firm / agency / Company, namely M/s _____ has not been **blacklisted or debarred** in the past by Union / State Government or Organization from taking part in Government tenders in India.

OR

2. I / We _____ (Tenderer) hereby declare that the Firm/Agency/Company, namely M/s _____ was **blacklisted or debarred** by Union/ State Government or any Organization from taking part in Government tenders for a period of _____ years w.e.f. _____ to _____. The period is expired and now the Firm/Agency/Company is entitled to take part in Government tenders.

In case the above information is found to be false I / We are fully aware that the tender/contract will be rejected / cancelled by Director, IIT(ISM) Dhanbad, and EMD shall be forfeited.

In addition to the above Director, IIT(ISM) Dhanbad will not be responsible to pay the bills for any completed/partially completed work.

Date:

Place:

Self Certification: _____

Name: _____

Address: _____

Stamp: _____



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Annexure –V

UNDERTAKING

(To be signed and submitted/uploaded along with technical bid documents on Company's Letter Head)

(As per Office Memorandum No. F.7/10/2021-PPD(1) dated: 23.02.2023 issued by Department of Expenditure (Ministry of Finance), Govt. of India)

Model certificate for Tenders

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority shall be attached]"

Place:

Signature: _____

Date:

Name: _____

Stamp: _____

OR

Model certificate for tenders for work involving possibility of sub-contracting

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contracting from such countries I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority and will not sub contract any work to a contract form such countries unless such contractor is registered with the Competent Authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered. [Provide Compliance for the above in Vendor Specified Commercial Terms.]"

Place:

Signature: _____

Date:

Name: _____

Stamp: _____