



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. EE/PRJ/352/18-19

Date: 4 February 2019

NOTICE INVITING TENDER

Subject: Supply & Installation of AC-DC Current Probe (50 MHz, 30A rms)

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

S No	Full Description of items/ store	Qty	Delivery
1	Supply & Installation of AC-DC Current Probe (50 MHz, 30A rms) (Detailed Specification is given in Annexure – I)	01 No.	At the Earliest /Ex-Stock

Tender Schedule

Particulars	Date & Time
Bid Security or Earnest Money Deposit	Rs. 11,000.00 (Eleven Thousand Only)
Last date and time for submission of tenders	26.02.2019 at 1:00 P.M.
Date and time of opening of tenders	26.02.2019 at 4.00 P.M.

1. You are requested to quote your lowest rates for the supply of above items in the attached format for Financial Bid (Annexure – II - A or B)
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 Assistant/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.
- 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 sales tax/VAT, GST applicable should be quoted.
- 4) The comparison between the indigenous and the foreign offers shall be made on FOR destination basis and CIF/CIP basis respectively. However, CIF/CIP prices quoted by any foreign bidder shall be loaded further as under :
Towards customs duty, IGST and other statutory levies, custom clearance, inland transportation, currently fluctuation etc.-15% of the CIF/CIP value.
- 5) Since IIT(ISM) Dhanbad is an Indian Institute of Technology and subject item will be used for research, hence benefit of reduced rate of GST should be considered if applicable.
- 6) **Educational discount**, if any, should be clearly mentioned.
- 7) Earnest Money Deposit (EMD): Should be submitted in form of A/C payee demand draft drawn in favor of Registrar, IIT(ISM) and payable at SBI, IIT (ISM) campus branch or any other Bank/ Branch located in Dhanbad.
- 8) You are requested to submit your quotation strictly as per the specifications mentioned in the NIT.
- 9) Your tender must be valid for **minimum 90 days** from the date of opening of tender.
- 10) Please mention warranty/ guarantee in your offer clearly. Material/ equipment to be supplied must have minimum warranty/guarantee of **12 months**.
- 11) Each page in the bid document must be numbered properly and duly signed & sealed by the bidder on every page of the bid.
- 12) **The items/ materials shall be required to be delivered at Electrical Department/ Section through Purchase & Store Section, IIT (ISM) Dhanbad at the risk and cost of the tenderer.**
- 13) Unloading and installation shall be the complete responsibility of the supplier.
- 14) The stores are required to be delivered within 30 days. Late delivery may not be accepted.
- 15) The items offered should be of good quality confirming to BIS standards, wherever applicable.
- 16) **Advance payment is not admissible.** Payment shall normally be made within 30-45 days subject to receipt and acceptance & installation of the ordered materials/items PBG and other documents.
- 17) Successful bidders will have to submit Performance Security (PBG) in the form of Bank Guarantee as per the Purchase Order before releasing payment.
- 18) 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.
- 19) Please send your sealed offer by Regd. Post/ Speed Post/ Courier only along with Courier receipt. By hand delivery of the tender will not be accepted. Tender/ quotation will be received during IIT (ISM) working hours only (i.e. Monday to Friday). *Late or delayed tenders shall be summarily rejected.*
- 20) Any other information that you may like to obtain, you are free to contact IIT (ISM) before submission of tender.
- 21) IIT (ISM) reserves the right to accept and/or to reject any/ all tenders without assigning any reason.

Assistant Registrar



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Annexure – I

TECHNICAL SPECIFICATIONS FOR SUPPLY & INSTALLATION OF AC-DC CURRENT

PROBE (50 MHz, 30A rms)

Sl No.	Features	Specification
1.	Current Probe Bandwidth	DC to 50MHz or more
2.	Rise time	7ns or less
3.	Maximum current (continuous) RMS	30A or more
4.	Maximum peak current (non-continuous)	50A peak or more
5.	Lowest measurable current	5mA or less
6.	Output voltage ratio	0.1 V/A (10:1)
7.	Max Input Voltage	300 V CAT I
8.	Amplitude accuracy	$\pm 1.0\%$ rdg. or better and ± 10 mA or better
9.	Noise (measured with 20 MHz bandwidth limit filter on the scope)	Equivalent to 2.5 mArms or less
10.	Max rated power	6VA or less
11.	Rated supply voltage	DC ± 12 V (± 0.5 V) or suitable
12.	Diameter of measurable conductors	Minimum 5mm(dia) or more
Power Supply for AC/DC Current Probe		
13.	Number of AC/DC current probe that can be connected	03 or more
14.	Output Voltage	DC (12 V, 2.5 A)
15.	Max rated Power	170 VA or more
16.	Input Supply	230V, 50Hz



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Format for Technical Compliance

Sl No.	Features	Specification	Complied(Yes/No)
1.	Current Probe Bandwidth	DC to 50MHz or more	
2.	Rise time	7ns or less	
3.	Maximum current (continuous) RMS	30A or more	
4.	Maximum peak current (non-continuous)	50A peak or more	
5.	Lowest measurable current	5mA or less	
6.	Output voltage ratio	0.1 V/A (10:1)	
7.	Max Input Voltage	300 V CAT I	
8.	Amplitude accuracy	$\pm 1.0\%$ rdg. or better and ± 10 mA or better	
9.	Noise (measured with 20 MHz bandwidth limit filter on the scope)	Equivalent to 2.5 mA rms or less	
10.	Max rated power	6 VA or less	
11.	Rated supply voltage	DC ± 12 V (± 0.5 V) or suitable	
12.	Diameter of measurable conductors	Minimum 5mm (dia) or more	
Power Supply for AC/DC Current Probe			
13	Number of AC/DC current probe that can be connected	03 or more	
14.	Output Voltage	DC (12 V, 2.5 A)	
15.	Max rated Power	170 VA or more	
16.	Input Supply	230V, 50Hz	



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Annexure – II (A)

1. PRICE SCHEDULE FOR GOODS BEING OFFERED FROM ABROAD

Name of the Bidder _____ (On bidders letter head)

NIT Reference No. **EE/PRJ/352/18-19**

Date: 4 February 2019

Bidder's Reference No. _____

Date:

Sl. No.	Description/Part No./Make Model	Quantity	Unit Price (in foreign currency)	Total Amount (in foreign currency)
1.				
2.				
3.				
Total Ex-Works Price-				
Packing & Forwarding and inland freight				
*FCA (at port)				
Terminal charges, loading on vassal				
**FOB (name of port)				
Air freight & insurance up to destination port				
*CIF				
Carrier charges & insurance up to final destination				
**CIP				
Concessional Custom Duty (Against DSIR Certificate)				
IGST rate (Against IIT (ISM) Certificate)				
Other Duties/taxes/clearance charge, if any				
Transportation charges up to IIT ISM Dhanbad				
Chargeable weight/Gross weight of consignment				
Indian agency Commission (%)				
Installation & Commissioning charge				
Training charges, if any				
Additional Warranty Charges, if any				
Annual Maintenance Charge, if any				
Educational discounts, if any				
Total Ex-Works Price-				

* & ** Mandatory requirement

##Total Bid Price _____ in words _____

Note :

Total Bid price in foreign currency _____ in words

- Indian agent name & address _____
- Installation, commissioning & training charges, if any _____
- Please note that Indian agents' commission shall be paid in Indian Rupees only.
- Banker's details such as- Name of account holder, Account Number, Name of Bank, Branch code, RTGS code, NEFT code, SWIFT code etc.
- Price schedule of optional items shall be indicated in a separate sheet in the same performa.
- Quoting Price for FOB/FCA and for CIF/CIP basis, otherwise bid will be rejected.
- Wherever the price quoted on FOB/FCA and CIF/CIP basis are the same, the contract would be made on CIF/CIP basis only.
- Country of Origin, Dimension and Gross Weight must be provided

Signature of Bidder

Name _____

Business Address with contact details _____



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Annexure – II (B)

2.PRICE SCHEDULE FOR GOODS BEING OFFERED WITHIN INDIA

Name of the Bidder _____ (On bidders letter head)

NIT Reference No. **EE/PRJ/352/18-19**

Date: 4 February 2019

Bidder's Reference No. _____

Date:

Sl. No.	Description/Part No./Make Model	Quantity	Unit Price (in foreign currency)	Total Amount (in foreign currency)
1.				
2.				
3.				
	Ex-Works Price-			
	Packing & Forwarding			
	Transportation			
	FOR (IIT ISM) Dhanbad			
	GST/IGST (their rate(s) as the case may be, clearly specified)			
	Please note that IIT ISM is eligible for Concessional GST as per Notification No. 45/2017 – Central Tax (Rate) for CGST, 45/2017 – State Tax (Rate) for SGST and 47/2017 – Central Tax (Rate) for IGST,			
	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 with contact details _____