



भारतीय प्रौद्योगिकी संस्थान  
INDIAN INSTITUTE OF TECHNOLOGY  
(काशी हिन्दू विश्वविद्यालय)  
(BANARAS HINDU UNIVERSITY)

रासायनिक अभियांत्रिकी एवं प्रौद्योगिकी विभाग  
DEPARTMENT OF CHEMICAL ENGINEERING & TECHNOLOGY  
(ऊच्चानुशीलन केन्द्र एवं डी एस टी प्रायोजित 'फिस्ट' विभाग)  
(CENTRE OF ADVANCED STUDY & DST DEPARTMENT UNDER FIST)  
(वाराणसी - २२१००५) Varanasi - 221005

QUOTATION ENQUIRY

Ref: ChE/2020-21/QTN/ 11  
Posting Date: 16.09.2020

Tender Closing Date: 07.10.2020

Date 16.09.2020  
Tender Opening Date: 08.10.2020

Dear Sir,

Please submit your lowest rate for supplying the under mentioned items. Quotations in duplicate reach us before the date marked above and should contain the following information:

1. Full specification and make of the item offered and its rate F.O.R. Varanasi.
2. GST at concessional rate as applicable to educational institution.
3. Your VAT/GST registration number, PAN&TAN numbers.
4. Conditions of supply and terms of payment.

If you are a manufacture of the item or if you have proprietary right over it, please mention it in the quotation and provide a certificate.

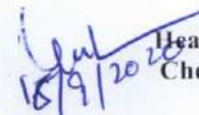
5. Please mention your agency commission in Indian Rs., if applicable (in case of imported items).
6. Please give undertaking as per annexure-I-B and annexure-I-C

Quotation must be sent in a **Scaled Envelope** with word "QUOTATION", our reference number, and due date as given above, clearly marked over it.

S. No.	Item	Specification	Qty
1	Thin Film Thickness Measurement System (Using Spectral Reflectance)	Details Sepcification is attached.	01

N.B: Other terms & conditions pertaining to item mentioned above, shall be mentioned below:

The sealed quotations will be opened on 08.10.2020 at 02.00 PM in the office of the Head, Department of Chemical Engineering & Technology, IIT(BHU) (This is mandatory in case of e-publishing)

  
Head of the Department  
Chemical Engg & Tech  
IIT(BHU)

विभागाध्यक्ष/Head  
रासायनिक अभियांत्रिकी प्रौद्योगिकी विभाग  
Department of Chemical Engg. & Tech.  
भारतीय प्रौद्योगिकी संस्थान/Indian Institute of Technol  
काशी हिन्दू विश्वविद्यालय/Banaras Hindu Univers  
वाराणसी/Varanasi-221005



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भारतीय  
प्रौद्योगिकी  
संस्थान  
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INDIAN  
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BANARAS HINDU UNIVERSITY

**DEPARTMENT: CHEMICAL ENGINEERING & TECHNOLOGY**

**Enquiry for the Supply of Thin film thickness measurement system (Spectroscopic Reflectometer) in the Department of Chemical Engineering and Technology, Indian Institute of Technology (IIT), Varanasi-221005**

On behalf of the Director, IIT (BHU) Varanasi, quotations are invited of the Thin film thickness measurement system with following specifications:

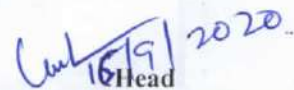
S. No.	Item	Specification	Qty
1	Thin film thickness measurement system (using Spectral Reflectance)	<p>Thin film thickness measurement system (Using Spectral Reflectance)</p> <p>Bidder must be a proven international manufacturers of high-end optical components with installations worldwide. They must show a comprehensive list of all installations in India in reputed research laboratories in the last 3 years.</p> <ul style="list-style-type: none"><li>• Film Thickness range: 15 nm - 25 <math>\mu</math>m</li><li>• Reflectance Wavelength range: Visible light</li><li>• Light source: any standard source with two spare lamps</li><li>• Detector: CCD</li><li>• Precision: <math>\pm</math> 1 nm</li><li>• Light spot size: 1 mm or smaller</li><li>• Standard and Reference Samples must be provided to check/calibrate accuracy</li><li>• Software to analyze data including Curve fitting, Regression Algorithms, FFT etc. must be included</li><li>• An exhaustive Material Library (ceramics, polymers, metals) must be included.</li><li>• PC Interface: USB</li><li>• Comprehensive warranty of 2 years.</li></ul> <p>Minor deviations may be accepted by the purchase committee after technical evaluation.</p>	01

**OTHER TERMS:**

1. Price of the instrument may be quoted in Indian currency or foreign currency.
2. Price should be quoted F.O.R to IIT (BHU), Varanasi.

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3. GST charged will be at 5%. Tax exemption certificate under notification no. 45/2017-central tax (rate & 47/2017 integrated tax (rate) dated 14-11-2017) will be provided by the institute.
4. **Indian agency:** Authorized agency/resale certificate must be attached by Indian representatives, if quoting items from manufacturers outside India. Commission should be clearly stated in the quotation in Indian currency.
5. **Penalty:** Equipment should be delivered within 60 days from the date of order confirmed. A penalty of 1% of the order value will be applied for late delivery of the goods for each week thereof subject to a maximum of 10%.
6. **Payment:** The payment shall be made by 100% on bill basis after satisfactory installation.
7. **Manuals/Documents:** 1 set of hard copy and 1 set of soft copy in English (preferred as following).
  - i. Operating manuals
  - ii. Maintenance manual
8. The quotation should be enclosed with proper certifications like **Authorization Certificate and Proprietary Certificate**, in case of Proprietary items.
9. Warranty period to be clearly mentioned and should begin from the date of installation. Annual Maintenance Contract Charges should be clearly mentioned after warranty period. Preferably Two years comprehensive warranty should be included with the offer.
10. The vendor to provide compliance statement with respect to each technical specification in the quotation, duly supported by the manufacturer's literature. Any other claim will not be accepted and may lead to rejection of the quotation.
11. In case during shipment period newer versions of software/hardware is available with vendor in lieu of the existing one for which Letter of Credit was opened, then improved version should be made available without any extra cost.
12. Institute reserves the right to visit installation in India of similar capabilities the details with to regard to such installation should be given as a part of technical bid.

 15/9/2020  
Head

Department of Chemical  
Engineering & Technology  
IIT (BHU), Varanasi-221005

विभागाध्यक्ष / Head  
रासायनिक अभियांत्रिकी प्रौद्योगिकी विभाग  
Department of Chemical Engg. & Tech.  
भारतीय प्रौद्योगिकी संस्थान / Indian Institute of Technology  
बनारस हिन्दू विश्वविद्यालय / Banaras Hindu University  
वाराणसी / Varanasi-221005