

TENDER (E - PROCUREMENT MODE)

FOR

SUPPLY & INSTALLATION OF LED BASED URANIUM ANALYSER

FOR SCHOOL OF BASIC SCIENCE

AT IIT MANDI



Tender No.: IITMANDI/S&P/PUR-25/2018-19/1200-1201

Tender date: 01st May, 2018

Last Date of submission: 21st May, 2018

Indian Institute of Technology Mandi
Administrative Block, A7 Building, Kamand Distt. Mandi (H.P) -175005

Tel.: 01905-267039

Email: subrata@iitmandi.ac.in & arsp@iitmandi.ac.in

Indian Institute of Technology Mandi, Kamand invites online Bids for supply, erection, installation, commissioning, testing, demonstration and training of **LED BASED URANIUM ANALYSER** as per specifications given in the Annexure attached to the Tender form. All offers should be made in English and should be written in both figures and words. Tender forms can be downloaded from the CPP Portal (<http://eprocure.gov.in/eprocure/app>). Tender document also published in e-publishing (<http://eprocure.gov.in/epublish/app>). The bidder can also submit bid in hard shape.

The bidders are requested to read the tender document carefully and ensure compliance with all specifications/instructions herein. Non-compliance with specifications/instructions in this document may disqualify the bidders from the tender exercise. The Director, IIT Mandi, Kamand reserves the right to select the item (in single or multiple units) or to reject any quotation wholly or partly without assigning any reason. Incomplete tenders, amendments and additions to tender after opening or late tenders are liable to be ignored and rejected.

Terms and Conditions:

1. The tenders will be received online through portal <http://eprocure.gov.in/eprocure/app>. In the Technical Bids, the bidders are required to upload all the documents in .pdf format. All quotation (both Technical and Financial should be submitted in the E-procurement portal).
2. Possession of a Valid Class II/III Digital Signature Certificate (DSC) in the form of smart card/e-token in the company's name is a prerequisite for registration and participating in the bid submission activities through <http://eprocure.gov.in/eprocure/app>. Digital Signature Certificates can be obtained from the authorized certifying agencies, details of which are available in the web site <https://eprocure.gov.in/eprocure/app> under the link "Information about DSC".
3. Technical Bids should be submitted in PDF format.
4. In case of Financial bids, a standard BOQ format has been provided. Bidders are required to download the BoQ file for Financial bid, open it and complete the (unprotected) cell with their respective financial quotes and other details (such as name of the bidder). No other cell should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
5. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS /formats. Bid documents may be scanned with 100 dpi with black and white option.
6. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
7. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
8. Kindly add scanned PDF of all relevant documents in a single PDF file like, compliance sheet, OEM/Principle Certificate.

9. Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
10. Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
11. The Vendors who have earlier supplied the equipment to any of the IITs, IISc, IISERs and other Scientific Institute of National Repute may only tender. The details of such institutions and the cost with name of equipment may also be supplied with the bids.
12. The technical and financial bids should be submitted online through portal <http://eprocure.gov.in/eprocure/app> in original. The financial bid should include the cost of main equipment/item and its accessories. If there is any separate cost for installation etc. that should be quoted separately.
13. Each bidder should be marked with the following reference on the top bids submitted online: **"IITMANDI/S&P/PUR-25/2018-19/1200-1201/Item Name. dated 01st May, 2018"**.
14. The printed literature and catalogue/brochure giving full technical details should be included with the technical bid to verify the specifications quoted in the tender. The bidders should submit copies of suitable documents in support of their reputation, credentials and past performance in .pdf format.
15. The rates should be quoted in figures (typed or printed) and cutting should be avoided. The final amount should be in figures as well as in words. If there are cuttings, they should be duly initialed, failing which the bids are liable to be rejected.
16. Any bids received after **3:00 P.M. on 21st May, 2018** shall not be considered
17. The Technical Bids will be opened on **22nd May, 2018 at 03:00 P.M.** The date & time for opening of Financial Bids will be informed later on to the technically qualified bidders.
18. While sending rates, the firm shall give an undertaking to the effect that **"the terms/conditions mentioned in the enquiry letter/Tender Notice against which the rates are being given are acceptable to the firm."** in .pdf format. In case the firms do not give this undertaking, their rates will not be considered.
19. If the supplier/firm is original equipment manufacturer (OEM)/authorized dealer/sole distributor of any item, the certificate to this effect should submit in .pdf format.
20. The quantity shown against the item is approximate and may vary as per demand of the Institute at the time of placing order.

21. The tenders will be received online through portal <http://eprocure.gov.in/eprocure/app>. All tender documents received after the specified date and time shall not be considered.

For any correspondence regarding tenders is on below address:

**“Assistant Registrar, Stores and Purchase”
Indian Institute of Technology Mandi (IIT Mandi),
Near Director Office, Kamand Distt. Mandil – 175005 (H.P), India”**

22. In the event of any dispute or difference(s) between the vendee Institute (IIT Mandi) and the vendor(s) arising out of non-supply of material or supplies not found according to specifications or any other cause whatsoever relating to the supply or purchase order before or after the supply has been executed, shall be referred to “The Director, IIT Mandi”, Kamand who may decide the matter himself or may appoint arbitrator(s) under the arbitration and conciliation Act,1996. The decision of the arbitrator shall be final and binding on both the parties.
23. The place of arbitration and the language to be used in arbitral proceedings shall be decided by the arbitrator.
24. All disputes shall be subject to Mandi Jurisdiction only.
25. All tenders in which any of the prescribed conditions is not fulfilled or any condition is put forth by the tenderer shall be summarily rejected.
26. The bidders or their authorized representatives may also be present during the opening of the Technical Bid, if they desire so, at their own expenses.

Note: Price bids of only those bidders will be opened whose technical bids are found suitable by the committee appointed for the purpose. Date and time of opening of price bids will be decided after technical bids have been evaluated by the committee. Information in this regard will be intimated to the technically qualified bidders. In exceptional situation, an authorized committee may negotiate price with the qualified bidder quoting the lowest price before awarding the contract.

27. Clarifications:

In case the bidders requires any clarification regarding the tender documents, they are requested to contact our office (e-mail: subrata@iitmandi.ac.in & arsp@iitmandi.ac.in on or **before 15/05/2018**).

28. Tender Cost:

A Demand draft of **Rs. 1,000/- (Rupees One Thousand only)** towards non-refundable **tender fee, drawn in favour of “The Registrar, IIT Mandi”** payable at Mandi should submit sealed envelope in super-scribed a Tender fee & NIT No. **“IITMANDI/S&P/PUR-25/2018-19/1200-1201/Item Name. dated 01st**

May, 2018” at the time of submission of bids or before the last date of submission of bids. In the absence of tender cost, the tender will not be accepted

29. **Earnest Money Deposit (EMD):**

A refundable amount of **Rs 19,000/-** as earnest money deposit (EMD). The EMD should be submitted in super-scribed EMD & NIT No. **“IITMANDI/S&P/PUR-25/2018-19/1200-1201/Item Name. dated 01st May, 2018”** in the shape of DD from a scheduled bank in India. The DD drawn in favour of “The Registrar, IIT Mandi” payable at Mandi should accompany the bid documents. The EMD should be kept in a separate sealed envelope, should be marked clearly and put in the outer envelope that contains the technical and financial bid envelopes. The bidders should enclose a pre-receipted bill for the EMD to enable us to return the EMD of unsuccessful bidders. Failure to deposit **Earnest Money** will lead to rejection of tender. In the event of the awardee bidder backing out, EMD of that bidder will be forfeited.

- **Note: Both (tender fee & EMD) envelopes should be placed in another sealed envelope and address to:**

**“Assistant Registrar, Stores and Purchase”
Indian Institute of Technology Mandi (IIT Mandi),
Near Director Office, Kamand Distt. Mandil – 175005 (H.P), India”**

30. **Pre – Qualification Criteria:**

- a. Bidders should be the manufacturer / authorized dealer. Letter of Authorization from original equipment manufacturer (OEM) on the same and specific to the tender should be enclosed.
- b. The Vendors who have earlier supplied the equipment to any of the IITs, IISc, IISERs and other Scientific Institute of National Repute may only tender. The details of such institutions and the cost with name of equipment may also be supplied with the bids.
- c. An undertaking from the OEM is required stating that they would facilitate the bidder on a regular basis with technology/product updates and extend support for the warranty as well.
- d. OEM should be internationally reputed Branded Company.
- e. Non-compliance of tender terms, non-submission of required documents, lack of clarity of the specifications, contradiction between bidder specification and supporting documents etc. may lead to rejection of the bid.
- f. **Furnishing of wrong/ambiguous information in the compliance statement may lead to rejection of bid and further black listing of the bidder, if prima-facie it appears that the information in the compliance statement was given with a malafide/fraudulent intent.**

31. **Prices:**

- a. The Prices quoted should be inclusive of all taxes or duties, packing, forwarding, freight, insurance, delivery and commissioning etc. at

destination site (IIT Mandi, Mandi/Kamand). IIT Mandi is registered with DSIR, Govt. of India and is exempted from Custom / Excise Duty. Exemption Certificate to this effect will be issued by IIT Mandi. **Hence, Customs/Excise Duty exempted price should be quoted.** The rates shall be firm and final. Nothing extra shall be paid on any account. **In the price bid/financial bid, the vendor should clearly mention the final price breakup i.e. ex-work price/FCA price, FOB price, CIP/CIF price & FOR IIT Mandi, Kamand Campus price, as applicable in their bid.**

- b. In case of imported equipment(s)/item(s), the agency commission, if any, payable in Indian rupees should be mentioned separately. For imported equipment, the Letter of Credit will be opened for the amount excluding agency commission in Indian Rupees. The firm should clearly mention the address of foreign bank in the financial bid.

32. Validity:

The bid should be valid for acceptance up to a period of 180 Days. The Bidders should be ready to extend the validity, if required without any additional financial implications.

33. Delivery:

The Equipment should be delivered and installed within the period as specified in the purchase order and be ready for use within 24 weeks of the issue of purchase order unless otherwise prescribed. If the bidder fails to deliver and place any or all the Equipments or perform the service by the specified date, penalty at the rate of 1% per week of the total order value subject to the maximum of 10% of total order value will be deducted.

34. Training:

Bidders need to provide adequate training to the nominated persons of IIT Mandi at their cost. IIT Mandi will not bear any training expenditure.

35. Warranty Declaration:

Bidders must give the comprehensive on-site warranty as required from the date of successful installation of Equipment against any manufacturing defects and also give the warranty declaration that *“everything to be supplied by us hereunder shall be free from all defects and faults in material, workmanship and shall be of the highest quality and material of the type ordered, shall be in full conformity with the specification and shall be complete enough to carry out the experiments, as specified in the tender document.*

Any deviation in the material, and the specifications from the accepted terms may liable to be rejected and the bidders need to supply all the goods in the specified form to the satisfaction/specifications specified in the order / contract and demonstrate at their own cost.

36. **Performance Bank Guarantee:** A performance bank guarantee from a scheduled bank in India for an amount equal to 10% of the price for duration of two months beyond the expiry of warranty period will be taken from the supplier or Indian agent.
37. **Terms of Payment:** Payment will generally be made only after delivery and satisfactory installation, testing, commissioning etc. **This must be specified in the tender/quotation.**
- In case of imported supplies, payment (excluding Indian agency commission, if any) will be made through irrecoverable Letter of Credit in two installments. 80 % of the money will be released on submission of shipping of documents. Remaining 20 % will be released after successful installation of the instrument and submission of a performance bank guarantee for 10% of the order value from a nationalized bank, valid for 2 months beyond the expiry of the warranty.
 - In case of required item quoted in INR, 80% payment will be made through E-payment after receipt of material in good condition and Remaining 20% will be released on successful installation of the instrument and on submission of a performance bank guarantee for 10% of the order value from a nationalized bank, valid for 2 months beyond the expiry of the warranty.
38. **Tender expenses and documents:** All costs incurred by the bidder in the preparation of the tender shall be at the entire expense of the bidder.
39. **Tender Evaluation Criteria:** The technical bids will be opened and evaluated by a duly constituted committee. After evaluation of the technical bid, the financial bid for only those offers which have qualified in the evaluation of technical bid will be opened.
40. **Return of EMD:**
- The earnest money of unsuccessful bidders will be returned to them without any interest within 15 working days after awarding the contract.
 - The earnest money of the successful bidder will be returned to them without any interest within 15 Days after supply of material.
41. **Manual and documentation:** All the manuals necessary for operating and servicing the equipment (including details of electronic circuits) will have to be provided along with the instrument.
42. The IIT Mandi reserves the right to cancel the tender at any stage (point of time) without assigning any reason.
43. Bidders should go through the tender terms, conditions and specifications carefully and fill in the attached compliance statement accurately and unambiguously. They should ensure that all the required documents are furnished along with the bid.

**Assistant Registrar
Stores & Purchase**

BID PARTICULARS

1. Name of the Supplier :

2. Address of the Supplier :

3. Availability of demonstration of equipment : Yes / No

4. Tender cost enclosed: : Yes/No if yes

D.D. No. _____ Bank _____ Amount _____

5. EMD enclosed : Yes / No if Yes

D.D. No. _____ Bank _____

6. Name and address of the Officer/contact person to whom all references shall be made regarding this tender enquiry.

Name :

Address :

Telephone No. :

Fax No. :

Mobile No :

e-Mail :

Web :

Ref:-ENQUIRYNO:-IITMANDI/S&P/PUR-25/2018-19/ LED BASED URANIUM ANALYSER /

Supply, installation and demonstration of LED based Uranium Analyser with windows based software

Analytical technique : Fluorescence property of uranium

Element to be analysed : Uranium in aqueous medium

Radiation source : UV Light Emitting Diode (LED),

Energy of LED per Pulse : 20 μ J or higher

Repetition rate : 1000 pulse per second

Pulse to pulse variation of output energy : less than 1%

Life of source of excitation : Minimum 5 years or more

Detector : Photomultiplier tube

Fluorescence averaged over : 2000 pulses

Analyte volume : less than 10 millilitre

Cuvette : Open top with non-sealing PTFE cover and transmission better than 80% Minimum detection level : 0.2 ± 0.1 microgram per litre of uranium concentration

Dynamic range : 0.2 – 500 microgram per litre uranium concentration

Precision : RSD must be less than 5%

Mode of operation : Calibration curve method, Standard addition method and fluorescence counts method

Display : 18 cm full colour LCD display with touch screen operation showing mode of operation, sample ID, uranium concentration in microgram per litre and other relevant information

Memory : Uranium concentration data with sample ID can be stored (Min. 1000 measurement).

Software : Windows based software for data administration and documentation of measuring series. Facility for introduction of sample ID, matrix type and date of analysis. Facility for transferring the data to computer and statistical analysis of data should be available. It should include the provision to draw the calibration curve with best-fit line equation and correlation coefficient. Facility for standard addition method and concentration calculation should be available.

Accessories : Cuvette (4 numbers with each analyser unit), uranium standard, micro pipettes and power supply for the analyser unit

Warranty of the system should be minimum 3 years.

**COMPLIANCE STATEMENT FOR THE TENDER SPECIFICATIONS
INDIAN INSTITUTE OF TECHNOLOGY MANDI
HIMACHAL PRADESH-175001**

Ref:-ENQUIRY NO:- IITMANDI/S&P/PUR-25/2018-19/ LED BASED URANIUM ANALYSER /

Instructions:

1. You have to fill in all columns and ensure that you furnish all the required information accurately and unambiguously.
2. If our specification contains any values, you have to provide your values against the column in the same unit as we have specified.
3. Deviation in values, materials etc. from our specification may be explained in the remarks column

Sr. No.	Check list of documents/ Undertakings ?	YES/NO	Remarks (Give explanation if answer is No)
1	Is Tender fees attached?		
2	Is EMD attached? (if applicable)		
3	Is the bidder original equipment manufacturer (OEM)/authorised dealer?		
4	If authorised dealer, recent dated certificate to this effect from OEM, attached or not?		
5	Undertaking from OEM regarding technical support & extended warranty present		
6	Validity of 180 days or not?		
7	Undertaking from bidder regarding acceptance of tender terms & conditions		
8	Attach user list of quoted model only, with complete contact details.		
9	Whether list of reputed users (along with telephone numbers of contact persons) for the past three years specific to the instrument attached.		
10	Whether special educational discount for Indian Institute of Technology (IIT) Mandi (H.P) given.		
	Does the instrument complies with all the specifications as per annexure A. Attach a separate sheet showing compliance with the specifications and explanations thereto if the equipments varies from the requested specifications.		
13	Whether Three years comprehensive onsite extended warranty offered		