

Global Tender for the supply of **Fourier Transform Infrared Spectroscopy System with Integrating Sphere Accessory**



Interdisciplinary Centre for Energy Research

Indian Institute of Science (IISc), Bengaluru-560012

INDIA

This is a Request for Quote (RFQ) from the Indian Institute of Science (IISc), Bengaluru, for the supply and installation of “Fourier Transform Infrared Spectroscopy System with Integrating Sphere Accessory” at the Interdisciplinary Centre for Energy Research (ICER), Indian Institute of Science (IISc), Bengaluru-560012.

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1 Section 1: Bid Schedule

1	Tender No.	ICER/ENQ-TNDR/FR/26-27/001
2	Tender Date	31-Jul-26
3	Item Description	Fourier Transform Infrared Spectroscopy System with Integrating Sphere Accessory
4	Tender Type	Two-bid system (i) Technical Bid (Part A) (ii) Commercial Bid (Part B)
5	Place of tender submission	Chair's Office c/o The Chair, Interdisciplinary Centre for Energy Research (ICER), Indian Institute of Science (IISc), CV Raman Road, Bengaluru, Karnataka 560012, India.
6	Last date & time for submission of tender	24-Aug-2026, 4:00 PM
7	For further clarification	Dr. Farsa Ram Interdisciplinary Centre for Energy Research (ICER), Indian Institute of Science (IISc), Bengaluru, Karnataka 560012, India. Phone no.: +91 80 2293 3522 Email: ramf@iisc.ac.in

2 Section 2: Eligibility Criteria

Prequalification criteria:

1. The Bidder's firm should have existed for a minimum of 3 years. Bidders should enclose the Company Registration Certificate.
2. The Bidder should have qualified technical service personnel for the instrument(s) based in India.
3. Only the Original Equipment Manufacturer (OEM) or their authorized representatives across the globe shall participate in the bid.
4. If the Bidder is a local distributor/dealer/Agent, it is mandatory to attach an authorization certificate along with the technical bid from the OEM.
5. The bidder should sign and submit the declaration for Acceptance of Terms and Conditions as per Annexure 4 in Section 5.
6. The Bidder must not be blacklisted/banned/suspended or have a record of any service-related dispute with any organization in India or elsewhere. A declaration to this effect must be given as per Annexure 3 in Section 5.
7. The order will be placed only on the successful bidder who participated in the bid.

3 Section 3: Terms and Conditions

3.1 Submission of Tender

1. All documentation in the tender should be in English.
2. The quote should come only from Foreign/ International Original Equipment Manufacturer (OEM) or their Indian authorized distributor.
3. The tender should be submitted in two envelopes (two bid system). The tenderer should submit the technical and financial bids separately in sealed envelopes superscribing the envelopes as 'Technical bid' and 'Financial bid'.
 - a. Technical Bid (Part A): Technical bid consisting of all technical details and checklist for conformance to technical specifications. The technical proposal should contain a technical compliance table with 5 columns:
 - i. The first column must list the technical requirements, in the order that they are given in the technical requirements below.
 - ii. The second column should provide specifications of the instrument against the requirement. Please provide quantitative responses wherever possible.
 - iii. The third column should describe your compliance with a "Yes" or "No" only. Ensure that the entries in column two (2) and column three (3) are consistent.
 - iv. The fourth column should state the reasons/explanations/context for deviations, if any.
 - v. The fifth column can contain additional remarks. Vendors can use this opportunity to highlight technical features, qualify response of previous columns, or provide additional details. Vendors can also use this opportunity to compare their solution with that of your competitors or provide details as requested in the technical requirements table below.
 - b. Commercial Bid (Part-B) – Indicating item-wise price for the items mentioned in the technical bid, as per the format of quotation provided in the tender, and other commercial terms and conditions.

- c. Both these envelopes must be put into a single envelope, superscribed 'Global Tender Notification for the Procurement of "Fourier Transform Infrared Spectroscopy System with Integrating Sphere Accessory". This should reach the following address by 24/08/2026:

*Chair's Office
c/o The Chair,
Interdisciplinary Centre for Energy Research (ICER),
Indian Institute of Science (IISc),
CV Raman Road, Bengaluru,
Karnataka 560012, India
Contact: +91(80)2293 3521
chair.icer@iisc.ac.in
Attn: Dr. Farsa Ram*

4. The technical bid and price bid should each be placed in separate sealed covers, superscribing on both the envelopes the tender no. and the due date. Both these sealed covers are to be placed in a bigger cover which should also be sealed and duly superscribed with the Tender No., Tender Description & Due Date.
5. The SEALED COVER superscribing Tender No., & Due Date should reach the Chair's Office, Interdisciplinary Centre for Energy Research (ICER), Indian Institute of Science (IISc), CV Raman Road, Bengaluru, Karnataka 560012, India, on or before the due date mentioned in the tender notice. In case the due date happens to be a holiday, the tender will be accepted and opened on the next working day. If the quotation cover is not sealed, it will be rejected.
6. All queries are to be addressed to the person identified in "Section 1 – Bid Schedule" of the tender notice.
7. GST/other taxes, levies etc., are to be indicated separately. The BIDDER should mention GST Registration and PAN in the tender document (Indian Bidders only).
8. If price is not quoted in the Commercial Bid as per the format provided in the tender document, the bid is liable to be rejected.
9. The changes based on OEM issued by the DPIIT (DPIIT OM: P-45021/2/2017-pp(BE-II)-part(4)), which may be revised from time to time, should be followed.
10. The Institute reserves the right to accept or reject any bid and to annul the bidding process and reject all bids at any time prior to the award of contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders.
11. Incomplete bids will be summarily rejected.

3.2 Cancellation of the Tender

Notwithstanding anything specified in this tender document, the purchase committee, IISc, in its sole discretion, unconditionally and without having to assign any reason, reserves the rights:

- a. To accept OR reject the lowest tender or any other tender or all the tenders.
- b. To accept any tender in full or in part.
- c. To reject the tender, if the offer does not conform to the tender terms.

3.3 Validity of the Offer

The offer shall be valid for 90 days from the date of opening of the commercial bid.

3.4 Evaluation of the Offer

1. The technical bid (Part A) will be opened first and evaluated.
2. Bidders meeting the required eligibility criteria as stated in Section 2 of this document shall only be considered for Commercial Bid (Part B) opening. Further, agencies not furnishing the documentary evidence as required will not be considered.
3. Pre- qualification of the bidders shall not imply final acceptance of the Commercial Bid. The agency may be rejected at any point during technical evaluation or during commercial evaluation. The decision in regard to acceptance and / or rejection of any offer in part or full shall be the sole discretion of IISc, and decision in this regard shall be binding on the bidders.
4. The award of contract will be subject to acceptance of the terms and conditions stated in this tender.
5. Any offer which deviates from the vital conditions (as illustrated below) of the tender is liable to be rejected:
 - a. Non-submission of complete offers.
 - b. Receipt of bids after due date and time and or by email / fax (unless specified otherwise).
 - c. Receipt of bids in open conditions.
6. In case any bidder is silent on any clauses mentioned in these tender documents, IISc shall construe that the bidder had accepted the clauses as of the tender and no further claim will be entertained.
7. No revision in the terms and conditions quoted in the offer will be entertained after the last date and time fixed for receipt of tenders.

8. The lowest bid will be calculated based on the total price of all items tendered for Basic equipment along with accessories selected for installation, operation, preprocessing and post processing, selected optional items, selected recommended spares, and the selected extended warranty or annual maintenance contract, as chosen by the institute.

3.5 Prerequisites

The bidder will provide the prerequisite installation requirements of the equipment along with the technical bid. This will include the site preparation guide.

3.6 Warranty

The instrument is to be under a comprehensive warranty period of a minimum of three (3) years, including free supply of spare parts, data analysis software, and faulty consumables from the date of functional installation. If any portion of the system is found defective, the defective portion must be replaced or rectified at the cost of the successful bidder within 45 days from the date of receipt of written communication from the IISc. If there is any delay in replacement or rectification, the warranty period should be correspondingly extended.

3.7 Extended Warranty and Annual Maintenance Contract

1. The cost per year for an additional two (2) years of warranty after the initial three (3) years warranty period has ended must be mentioned as an **optional add-on** in the quotation.
2. The cost per year for an additional two (2) years of an annual maintenance contract (AMC) after the initial three (3) years warranty period has ended must be mentioned as an **optional add-on** in the quotation.
3. The tenderer should clarify if periodic (preventive) maintenance be done by a trained on-site engineer or requires a specialist from the OEM.
4. The vendor should have qualified technical service personnel for the equipment based in India and must assure a response time of less than three (3) business days after receiving a service request.

3.8 Spares

Vendors must provide a detailed list of spares and a user manual with a detailed Bill of Materials for all Parts. It should include the Spares Column with the Manufacturer part Number, and Qty. The vendor should guarantee availability of service and stocks for 7 Years.

3.9 Purchase Order

1. The order will be placed on the bidder whose bid is accepted by IISc based on the terms and conditions mentioned in the tender document.
2. The quantity of the items in the tender is only indicative. IISc reserves the right to increase /decrease the quantity of the items depending on the requirement.
3. If the quality of the product and service provided is not found satisfactory, IISc reserves the right to cancel or amend the contract.

3.10 Delivery, Installation and Training

1. The successful bidder shall provide the lead time for delivery, installation, and made functional at IISc from the date of receipt of the purchase order.
2. The system should be delivered, installed, and made functional within 90 days from the date of receipt of the purchase order.
3. The validity of the quotation shall be 90 days.
4. The supply of the items will be considered as effected only on satisfactory installation and inspection of the system and inspection of all the items and features/capabilities tested by the IISc. After successful installation and inspection, the date of the IISc's takeover of the entire system shall be considered the start of the warranty period.
5. No partial shipment is allowed.
6. The bidder should also arrange for technical training to the local facility technologists and users.
7. No additional fee for installation and training will be paid. All such costs are to be considered in the base price.
8. The successful bidder must conduct post-installation acceptance tests. The successful bidder is required to carry out full testing and demonstration of the instrument's performance at Indian Institute of Science, along with training the representative(s) from the institute on the operation and some sample testing for acceptance. All guaranteed specifications will have to be demonstrated, upon request, in an active installation. Failure to demonstrate any promised specifications will be deemed as technical non-compliance. The tests can be recorded in the

presence of representatives of the OEM. Inability to pass these tests will be counted as a technical failure and breach of contract.

- a. The successful bidder will perform the required calibration and performance testing after installation. These tests must be performed on traceable standards. IISc will not pay additional money for the purchase of these traceable standards. IISc has the right to retain these traceable standards after the equipment is installed and calibrated. The vendor must demonstrate that the measurements on standard samples are within the required accuracy and precision limits.
- b. The successful bidder shall demonstrate the inputs in the software for accurate measurement of the sorption and desorption isotherms in one hydrated cementitious sample and one clay sample.

3.11 Payment Terms

The payments to non-domestic vendors will be through a Letter of Credit, and milestones of the payment will be determined after mutual discussions with the successful bidder. As per GFR, no advance payment can be made to domestic vendors unless an equal amount of bank guarantee is provided.

3.12 Statutory Variation:

Any statutory increase in the taxes and duties after the bidder's offer, if it takes place within the original contractual delivery date, will be borne by IISc, subject to the claim being supported by documentary evidence. However, if any decrease takes place, the advantage will have to be passed on to IISc.

3.13 Disputes and Jurisdiction:

Any legal disputes arising out of any breach of contract pertaining to this tender shall be settled in the court of competent jurisdiction located within the city of Bengaluru, India.

3.14 General

1. All amendments, time extensions, clarifications, etc., within the period of submission of the tender will be communicated electronically. No extension in the bid due date/time shall be considered on account of delay in receipt of any document(s) by mail.

2. The bidder may furnish any additional information, which is necessary to establish capabilities to successfully complete the envisaged work. It is, however, advised not to furnish superfluous information.
3. The bidder may visit the installation site before submission of tender, with prior intimation.
4. All imported equipment should be quoted in the currency of the country of origin, and all locally sourced items should be quoted in Indian Rupees.
5. The decision of the purchase committee is final.
6. If any information furnished by the bidder is found to be incorrect, either immediately or at a later date, it would render the bidder liable to be debarred from tendering and/or taking up of work in IISc.
7. The tenderer should have a track record of supplying and installing similar equipment to one or more organization in India, preferably at Indian Institute of Technologies (IITs), National Institute of Technologies (NITs), Indian Institute of Science (IISc), or national labs.
 - a. **Relevant documents including user testimonial** on product performance, and service and maintenance should be furnished. If similar equipment has been supplied to IISc, user testimonial on the product performance, and service and maintenance from the user at IISc should be furnished.
 - b. The timeline of supply of the equipment to the organizations in India shall also be furnished.
 - c. The turnaround time for services, if any were performed at the organisation(s) listed, shall also be provided.
8. The institute reserves the right to withhold placement of final order. The right to reject all or any of the quotations and to split up the requirements or relax any or all of the above conditions without assigning any reason.
9. Details and contact information of at least three of the last installation(s) of similar equipment.
10. End-user certificates from these installations, confirming satisfactory performance.
11. Provide details of the number of trained personnel in India, the number in the southern region, or Bangalore who can service the instrument.

4 Section 4: Technical Specifications

4.1 General Specifications:

1. The instrument shall be the latest model FTIR Spectrometer that should be equipped with a gold-coated integrating sphere that can perform diffuse and specular reflectance

measurements of solid films, powder, coatings, biological, medical, and other similar materials, including gases.

2. The instrument should also be capable of measuring absorbance and transmittance of the samples mentioned above.
3. The instrument shall be compliant with internationally accepted standards.
4. The instrument shall have a provision for inert-gas purging.
5. The instrument must be equipped with the necessary internal plumbing and external connector for optional purge operation.
6. The spectrometer cover shall be sealed and desiccated and must be equipped with KBr sample compartment windows.
7. The desiccant must be accessible without tools and without removal of any main covers of the instrument. There must also be a highly visible passive humidity indicator.
8. The system must be equipped with motorized sample compartment purge shutters, with operation under software control.

4.2 Measuring Range, LASER, Source Specifications:

9. The range of measurement shall be at least $7800\text{--}350\text{ cm}^{-1}$, with the possibility of going to 200 cm^{-1} .
10. The instrument must be capable of a signal-to-noise ratio of 50,000:1 at a one-minute scan, and 10,000:1 at a 5-second scan, when measured at 4 cm^{-1} .
11. The spectrometer shall use a stable internal reference laser with a minimum 5-year warranty.
12. Replacement of the laser shall be done without exposing the optics of the instrument to the environment.
13. Long-life infrared source with minimum 5-year manufacturer warranty and should be a user-replaceable design.
14. The spectrometer shall have automatic or motorized aperture control for optimization of spectral performance.
15. The system must incorporate a vibration-isolated base plate and must have automatic compensation for water vapor and CO_2 .

4.3 Interferometer Specifications:

16. The interferometer preferably be a dynamically aligned, Michelson design with a guaranteed lifetime of 10 years.
17. The interferometer must be capable of spectral resolution better than 0.1 cm^{-1} .

18. The interferometer must permit insertion of a wide range of beam splitters (MID IR, Far IR, Near IR beamsplitters, etc).
19. The system should be quoted with beamsplitters for MidIR (4000-350 cm^{-1}) as standard supply.
20. The wavelength precision must be better than 0.001 cm^{-1} with no need for software intervention or calibration.
21. The wavelength accuracy and ordinate linearity must be better than 0.005 cm^{-1} and 0.1% T or better, respectively.
22. Assured interferometer protection from high humidity through an in-built automatic moisture protection/desiccation system for long instrument life.

4.4 Detectors Specifications:

23. The instrument must support three or more detectors, with provision for future detector upgrades.
24. The instrument must be supplied with a high-sensitivity room-temperature detector (DLatGS or DTGS) to cover the spectral range of 7800-350 cm^{-1} , or beyond, i.e., 7800-200 cm^{-1} .
25. The accessory sample compartment shall have automatic accessory recognition and a secure mounting arrangement.

4.5 Integrating Sphere Specifications:

26. The instrument should be quoted with an integrating sphere accessory as standard supply.
27. The reference measurements shall be performed using the internal gold-coated diffuse reflective surface of the integrating sphere or equivalent design.
28. It should have a 4-inch sphere, gold-coated, Lambertian scatterer for high-performance measurements.
29. It should have an 8-degree hemispherical diffuse reflection measurement with a specular exclusion port.
30. Sample port size should be a minimum of 20 mm, with a provision to accommodate larger samples.
31. It should have an integrated, high-performance MCT detector.
32. It should have provision for liquid nitrogen cooling for the detector.
33. It should have a fully purgeable enclosure.

4.6 Optional Accessories Specifications:

34. Optional: Single crystal Diamond ATR accessory should be provided and should cover spectral range from 4000 to 350 cm^{-1} or better.
35. Please also provide the quote for variable-angle transmission, variable-angle reflectance, and temperature-dependent measurement accessories for characterization of the optical

properties. Such accessories shall be available as field upgrades without modification or replacement of the main spectrometer. Depending on the budget availability, these accessories can be included in the current purchase.

4.7 Other Technical Specifications:

36. All necessary purge accessories including pressure gauges, tubing, regulators, valves, and one compatible nitrogen cylinder shall be supplied.
37. The spectrometer must support future upgrade/integration with FTIR microscopy, NIR, FT-Raman, and related accessories.
38. The spectrometer must support future integration of variable-angle transmission, variable-angle reflectance, and temperature-dependent measurement accessories for characterization of the optical properties. Such accessories shall be available as field upgrades without modification or replacement of the main spectrometer.
39. The spectrometer must support optional external beam entry ports for use with external sources.
40. All standard samples for the reflectance measurements should be provided.
41. Power requirement: Indian standard power supply, 220/240 Volts AC with frequency 50-60 Hz.
42. All required materials for installation, including cabling, piping, fixtures, etc., shall be provided.
43. A computer system, compatible with the instrument's software and pre-installed with the instrument software, that can be used to control the instrument should be supplied along with the instrument (no printer required).
 - a. The computer should be branded (not assembled) and have a specification of 16 GB RAM, 512 GB Solid State Drive (SSD), and i5 processor, or better.
 - b. If the provided computer system is a desktop system, a 22" monitor, keyboard, and optical mouse shall also be provided.
 - c. The computer shall have a three (3) year warranty period.
 - d. An installation media, such as a USB drive or CD ROM, containing the installation files for the machine software and necessary instructions for installation must be provided along with the computer.
 - e. The software license provided shall be perpetual, and the software license provided shall be a multi-user license.
44. The software shall be a purpose-built control and evaluation software for advanced experimental design and data analysis. The software shall be capable of controlling and programming complex protocols for multiple experimental sequences.

45. Software should have automated mixture analysis software for chemical identification of unknown samples, especially multiple component sample by a completely automated way and report the best possible spectral matches using spectral libraries.
46. Software should have a facility to control the instrument and generate raw data.
47. Advanced spectral processing features such as deconvolution/peak resolution, derivative, grouping of spectra, etc. must be available.
48. Advanced chemometric algorithms such as PCR, PLS, Discriminant analysis, etc. must be available for method development.
49. The software should also have advanced features like Automatic atmospheric suppression, advanced ATR correction, search with high-resolution library format capability, and electronic reporting functions.
50. Optional: The library with ~30,000 spectra: General FTIR standard, and libraries for the following types of materials: forensic, inorganic, vapor phase, polymer additives and plasticizers, polymers, coatings, common material & white powders, and medical/biological.

4.8 Safety Requirements:

51. The instrument must be safe to operate in normal electrical and environmental conditions.
52. Necessary provisions shall be given to safeguard the instrument and computer from power fluctuations and other electrical/shock bursts.

4.9 Other Requirements:

- i. Suitable online UPS with minimum 30 min backup.
- ii. Suitable anti-vibration table/optical table for the whole Fourier Transform Infrared Spectroscopy System with Integrating Sphere Accessory.
- iii. Liquid nitrogen tank with tilting trolley, cryogloves, and liquid nitrogen dispenser.

5 Section 5: Technical Bid

The technical bid should furnish all requirements of the tender along with all annexures in this Section 5 and submitted to:

*Chair's Office
c/o The Chair,
Interdisciplinary Centre for Energy Research (ICER),
Indian Institute of Science (IISc),
CV Raman Road, Bengaluru,
Karnataka 560012, India
Contact: +91(80)2293 3521
chair.icer@iisc.ac.in
Attn: Dr. Farsa Ram*

5.1 Annexure 1: Details of the Bidder

The bidder must provide the following mandatory information & attach supporting documents wherever mentioned:

Details of the Bidder

Sl. No.	Items	Details
1	Name of the Bidder	
2	Nature of Bidder (Attach attested copy of Certificate of Incorporation/ Partnership Deed)	
3	Registration No/ Trade License, (attach attested copy)	
4	Registered Office Address	
5	Address for communication	
6	Contact person- Name and Designation	
7	Telephone No	
8	Email ID	
9	Website	
10	PAN No. (attach copy)	
11	GST No. (attach copy)	

(Signature of the Bidder)

(Name)

(Designation and Seal)

(Date)

5.2 Annexure 2: Declaration Regarding Experience

To,
The Chair,
Interdisciplinary Centre for Energy Research (ICER),
Indian Institute of Science (IISc),
CV Raman Road, Bengaluru,
Karnataka 560012, India

Ref: Tender No: ICER/ENQ-TNDR/FR/26-27/001

Dated: 31-Jul-26

Subject: Global Tender Notification for the Procurement of “Fourier Transform Infrared Spectroscopy System with Integrating Sphere Accessory

Sir,

I've carefully gone through the Terms & Conditions contained in the above referred tender. I hereby declare that my company / firm has ____ years of experience in supplying and installing Fourier Transform Infrared Spectroscopy System with Integrating Sphere Accessory.

(Signature of the Bidder)

(Printed Name)

(Designation, Seal)

(Date)

5.3 Annexure 3: Declaration Regarding Track Record

To,
The Chair,
Interdisciplinary Centre for Energy Research (ICER),
Indian Institute of Science (IISc),
CV Raman Road, Bengaluru,
Karnataka 560012, India

Ref: Tender No: ICER/ENQ-TNDR/FR/26-27/001

Dated: 31-Jul-26

Subject: Global Tender Notification for the Procurement of “Fourier Transform Infrared Spectroscopy System with Integrating Sphere Accessory

Sir,

I've carefully gone through the Terms & Conditions contained in the above referred tender. I hereby declare that my company/ firm is not currently debarred / blacklisted by any Government / Semi Government organizations / institutions in India or abroad. I further certify that I'm competent officer in my company / firm to make this declaration.

(Or)

I declare the following:

Sl. No.	Country in which the company is Debarred /blacklisted / case is Pending	Blacklisted / debarred by Government / Semi Government/Organizations /Institutions	Reason	Since when and for how long

(NOTE: In case the company / firm was blacklisted previously, please provide the details regarding period for which the company / firm was blacklisted and the reason/s for the same).

Yours faithfully,

(Signature of the Bidder)

(Name)

(Designation, Seal)

(Date)

5.4 Annexure 4: Declaration for Acceptance of Terms and Conditions

To,
The Chair,
Interdisciplinary Centre for Energy Research (ICER),
Indian Institute of Science (IISc),
CV Raman Road, Bengaluru,
Karnataka 560012, India

Ref: Tender No: ICER/ENQ-TNDR/FR/26-27/001

Dated: 31-Jul-26

Subject: Global Tender Notification for the Procurement of “Fourier Transform Infrared Spectroscopy System with Integrating Sphere Accessory

Sir,

I've carefully gone through the Terms & Conditions as mentioned in the above referred tender document. I declare that all the provisions of this tender document are acceptable to my company. I further certify that I'm an authorized signatory of my company and am, therefore, competent to make this declaration.

Yours faithfully,

(Signature of the Bidder)

(Name)

(Designation, Seal)

(Date)

5.5 Annexure 5: Details of Items Quoted

Details of items quoted:

- a. Company Name
- b. Product Name
- c. Part / Catalogue number
- d. Product description / main features
- e. Detailed technical specifications
- f. Remarks

Instructions to bidders:

1. Bidder should provide technical specifications of the quoted product/s in detail.
2. The bidder should attach product brochures along with the technical bid.
3. Bidders should clearly indicate compliance or non-compliance of the technical specifications provided in the tender document. The technical proposal should contain a technical compliance table with 5 columns:
 - i. The first column must list the technical requirements, in the order that they are given in the technical requirements below.
 - ii. The second column should provide specifications of the instrument against the requirement. Please provide quantitative responses wherever possible.
 - iii. The third column should describe your compliance with a “Yes” or “No” only. Ensure that the entries in column two (2) and column three (3) are consistent.
 - iv. The fourth column should state the reasons/explanations/context for deviations, if any.
 - v. The fifth column can contain additional remarks. Vendors can use this opportunity to highlight technical features, qualify the response of previous columns, or provide additional details. Vendors can also use this opportunity to compare your solution with that of your competitors or provide details as requested in the technical requirements table below.

6 Section 6: Commercial Bid

The commercial bid should be furnished with all requirements of the tender with supporting documents as shown below:

Sl. No.	Description	Cat. Number	Quantity	Unit Price	Subtotal
1.	Essential items noted in technical specification				
1. a	... (details of essential items, e.g. <i>FTIR Spectrometer</i>)				
1. b	... integrating sphere				
					
2.	Optional items noted in the technical specification				
2. a	... (details of optional items, e.g. <i>ATR accessory</i>)				
2. b	...				
3.	Accessories for operation and installation				
4.	All items, consumables, spares and software to be supplied locally				
5.	Warranty (for 3 years from date of installation)				
6.	Extended warranty after initial 3 years (cost per year should be the unit price and number of years should be the quantity)				
7.	AMC after expiry of initial 3 years warranty period (cost per year should be the unit price and number of years should be the quantity)				
8.	Cost of Insurance and Airfreight				

Any additional items:

Sl. No.	Description	Cat. Number	Quantity	Unit Price	Subtotal
9.					

Addressed to:

The Chair,
Interdisciplinary Centre for Energy Research (ICER),
Indian Institute of Science (IISc),
CV Raman Road, Bengaluru,
Karnataka 560012, India.

7 Section 7: Checklist

(This should be enclosed with technical bid- Part A)

The following items must be checked before the Bid is submitted.

[1] Sealed Envelope “Part A”: Technical Bid

1. Section 5- Technical Bid (each page signed by the authorized signatory and sealed) with the below annexures:
 - a. Annexure 1: Bidders' details
 - b. Annexure 2: Declaration regarding experience
 - c. Annexure 3: Declaration regarding track record
 - d. Annexure 4: Declaration for acceptance of terms and conditions
 - e. Annexure 5: Details of items quoted
2. Copy of this tender document duly signed by the authorized signatory on every page and sealed.

[2] Sealed Envelope “Part B”: Commercial Bid

1. Section 6: Commercial Bid

Your quotation must be submitted in two envelopes: Technical Bid (Envelope A) and Commercial Bid (Envelope B), superscribing on both the envelopes with Tender No. and due date, and both of these in sealed covers and put in a bigger cover which should also be sealed and duly superscribed with Tender No., Tender description & Due Date.