Supply and Installation of Photoluminescence Spectroscopy - Steady state, temperature dependent and time resolved (TCSPC) photoluminescence spectrometer (UV-Vis-NIR region)

NOTICE INVITING GLOBAL TENDER

Department of Materials Engineering
Indian Institute of Science
Bangalore-560012
India

Date: 01/01/2026

Indian Institute of Science, Bangalore invites the best quotations from the bonafide, resourceful, and eligible manufacturer/exclusive distributor/vendors for the procurement of a Photoluminescence spectroscopy - Steady state, temperature dependent and time resolved (TCSPC) photoluminescence spectrometer (UV-Vis-NIR region) with the following technical specifications on C.I.P. Bangalore basis (by **Air Freight** only). The quotation should clearly mention the validity of the quote (minimum 90 days validity), terms of delivery, delivery schedule, estimated delivery date, and payment terms. The tender should be submitted in two separate sealed and distinctly marked envelopes: one containing the technical bid and the other containing the commercial bid, both of which should reach us duly signed on or before 11:59PM, 23rd January, 2026.

Table of Content

1. Bid Schedule

1.	Tender Number	MT/SRR/2025/OS-2
2.	Tender Date	01/01/2026
3.	Item Description	Supply and Installation of Photoluminescence spectroscopy - Steady state, temperature dependent and time resolved (TCSPC) photoluminescence spectrometer (UV-Vis-NIR region)
4.	Tender type	Two bid system i Technical Bid (Part A) ii Commercial Bid (Part B)
5.	Place of tender submission	Office of the Chair Department of Materials Engineering Indian Institute of Science Bangalore-560012 India
6.	Last Date & Time for submission of tender	23/01/2026 by 11:59PM
7.	For further clarification	Dr. Sachin R. Rondiya Assistant Professor Department of Materials Engineering Indian Institute of Science Bangalore-560012 India

2. Eligibility Criteria

1. This is a global tender inquiry, and any bidder with registered head offices within or outside India is eligible to bid. However, The Bidder's firm should have been in existence for a minimum of 5 years. (Enclose Company Registration Certificate).

2. Only the Original Equipment Manufacturer or their authorized representatives shall participate in the bid.

3. The order will be placed only on the bidder who participated in the bid.

4. A complete bid with the following must be submitted:
   a) Technical bid with a technical compliance sheet, supporting documentation and **masked** commercial bid (a copy of the commercial bid, but '**without**' any pricing information) in one sealed envelope. The envelope should be **'marked' as 'Technical Bid'**.
   b) Commercial bid, including CIP pricing, warranty information, and other commercial terms and conditions, in another sealed envelope. The envelope should be **'marked' as 'Commercial Bid'**.
   c) The envelopes with technical and commercial bids should be placed in a single sealed envelope.
   d) All envelopes must be addressed to the tenderee as per information in Point 6 of the Bid Schedule. The tender number and date must be inscribed on all the envelopes.

5. The bidder should sign and submit the declaration of Acceptance of Terms and Conditions as per -**Annexure 4**.

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**.

7. Any bids that are deemed incomplete can be summarily rejected without further consideration.

3. Terms and Conditions

A) Submission of Tender:

1. All documentation in the tender should be in English.

2. The tender should be submitted in two envelopes (two bid system).

a) Technical Bid (Part-A) – Technical bid consisting of all technical details and checklist for conformance to technical specifications. The technical bid should contain a technical compliance table given in Section 4 of this document.

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 Annexure 6, and other commercial terms and conditions.

3. The technical and price bids should be placed in separate sealed envelopes, superscripting the tender number and the due date on both. Both of these sealed covers are to be placed in a larger envelope, which should also be sealed and duly superscripted with the Tender No., Tender Description & Due Date.

4. The SEALED COVER superscripting tender number, tender description, and due date, and the contact address, contact phone, and email of the bidder should reach **The Office, Department of Materials Engineering, Indian Institute of Science, Bangalore – 560 012, India** on or before the due date mentioned in the tender notice. Write "Supply and Installation of Photoluminescence spectroscopy - Steady state, temperature dependent and time resolved (TCSPC) photoluminescence spectrometer (UV-Vis-NIR region)" clearly on top of the envelope. If the due date falls on a holiday, the tender will be accepted on the next business day. If the quotation cover is not sealed, it will be rejected.

5. All queries are to be addressed to the person identified in "Section 1 – Bid Schedule" of the tender notice.

6. GST/other taxes, levies etc., are to be indicated separately. The bidder must mention their GST Registration and PAN in the tender document, if applicable.

7. The Institute reserves the right to accept or reject any bid, to annul the bidding process, and reject all bids at any time before the award of the contract without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders.

8. Incomplete bids will be summarily rejected.

B) Cancellation of Tender:

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

a) Accept OR reject the lowest tender, any other tender, or all the tenders.

b) Accept any tender in full or in part.

c) To reject the tender, offer not confirming to the tender terms.

C) Validity of the Offer:

The offer must be valid for at least 90 Days from the closing date of this tender.

D) Evaluation of Offer:

1. The technical bid (Part A) will be opened first and evaluated. 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.

2. 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 regarding acceptance and/or rejection of any offer in part or full shall be at the sole discretion of IISc Bangalore, and the decision in this regard shall be binding on the bidders.

3. The award of the contract will be subject to acceptance of the terms and conditions stated in this tender.

4. 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 the due date and time and/ or by email/fax (unless specified otherwise).

c) Receipt of bids in open conditions.

5. In case any BIDDER is silent on any clauses mentioned in these tender documents, IISc Bangalore shall consider that the BIDDER had accepted the clauses as of the tender and no further claim will be entertained. Further if the BIDDER is silent or does not give detail justification of their claim regarding those mentioned in technical specifications, IISc Bangalore reserves the full right to reject the tender due to non-compliance without any further discussion.

6. 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.

7. 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, optional items, recommended spares, warranty and annual maintenance contract. The purchase committee seeks the most cost -effective solution for obtaining a new tool. Vendors are encouraged to propose all avenues, including but not limited to buy back of the existing tool, turnkey upgrade of existing to, 1 or purchase of a new tool.

E) Pre-requisites for Installation:

The bidder must provide the prerequisite installation requirements of the equipment along with the technical bid.

F) Warranty:

The complete system is to be under warranty **period of minimum 3 years (year-wise breakup value should be shown in commercial bid provided 1 year comprehensive and 2 years noncomprehensive)** from the date of functional installation. The vendor should include the cost of any spares needed during the warranty period, including electronics, sub-components, and software. If the instrument is found to be defective, it has to be replaced or rectified at the cost of the bidder within 30 days from the date of receipt of written communications from IISc, Bangalore.

1. If there is any delay in replacement or rectification, the warranty period should be correspondingly extended.

2. Terms and conditions for the annual maintenance contract beyond the warranty period should be mentioned.

3. Warranty terms and additional warranty options are a must for all the components. Specify the service plan, like whether the local distributor will address the issue or the parent company. A minimum of three years of complete system warranty should be given. If the system requires service during the warranty period, the vendor must guarantee or replace the instrument for free. Vendor to have logistic support to ensure that at least 95 % of the service parts are readily available and upkeep delivery within 1 week.

4. A declaration of Conformity certificate and System Validation certificate must be provided. All modules must be GLP compliant.

5. Support should be available on full working days (excluding Public Holidays), local time.

6. On -site installation, commissioning, and training shall be conducted by a qualified factory trained engineer.

7. The vendor must demonstrate that it has a proven appropriate set-up and capability to provide after-sales service efficiently and effectively. The supplier should have a similar system in their facility to that proposed in this tender for training purposes.

8. The vendor must have a local dedicated Sales & Service team & Application lab in the Southern region.

F.1) Annual Maintenance Contract:

An annual maintenance contract for at least two years post-warranty may be provided as an essential, optional item upon completion of the warranty period.

F.2) 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, Qty, and availability of stock after 3 Years.

G) Purchase Order:

1. The order will be placed on the bidder whose bid is accepted by IISc based on the terms & conditions mentioned in the tender document.

2. The quantity of the items in the tender is only indicative. IISc, Bangalore, 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 satisfactory, IISc Bangalore reserves the right to cancel or amend the contract.

H) Delivery, Installation, and Training:

The bidder shall provide the lead time to delivery, installation and made functional at IISc, Bangalore from the date of issuance of Letter of Credit (LC). The system should be delivered, installed and made functional within 120 days from the date of receipt of Letter of Credit. 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, Bangalore. After successful installation and inspection, the date of taking over of entire system by the IISc, Bangalore shall be taken as the start of the warranty period. No partial shipment is allowed. The bidder should also arrange for technical training to the local facility technologists and users.

I) Payment Terms:

No advanced payment will be made for Indigenous purchase. However, 90% Payment against Delivery and 10 % after installation are agreed to wherever the installation is involved. In case of import supplies the payment will be made only through 100% Letter of Credit i.e., (90% payment will be released against shipping documents and 10% after successful installation wherever installation is being done). Any loss due to fluctuation in foreign exchange rates will be at the beneficiary account. AMC cost (if ordered), after completion of warranty period) will be released on half-yearly basis at the end of each six months subject to satisfactory services. Price basis must be on C.I.P. Bangalore basis only. As per GFR, no advance payment can be made to domestic vendors unless an equal amount of bank guarantee is provided.

J) Statutory Variation:

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

K) Disputes and Jurisdiction:

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

L) General:

1. All amendments, time extension, 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. With prior intimation, the bidder may visit the installation site before tender submission.

3. Any information furnished by the bidder found to be incorrect, either immediately or at a later date, would render the bidder liable to be debarred from tendering/taking up of work in IISc, Bangalore.

4. Operation and service manual in English (electronic and hard copy) with complete circuit diagram and PCB layout for all equipment should be provided with the instrument.

5. Standard samples (if required) to be provided by the company for testing the instruments at the time of installation on-site to the quoted accuracy in the given technical specification for the demonstration of the performance of equipment.

6. The vendor should have a track record of having previously supplied at least five identical instruments in CFTIs such as JNCASR, IITs, IISERs, and NITs with the specifications mentioned in the current tender. Details of such systems should be provided. The vendor must provide the end-user list (with contact details including emails and phone numbers) of at least 5 customers from Indian Institutes /Labs with contact person name, address, phone, fax, and email IDs, certificates confirming satisfactory performance. The primary focus of these installed systems should have included reliable data in the form of pictorial graphs must be provided.

8. The committee reserves the right to reject the technical bid if the above condition is not satisfied

9. Wherever requested data must be supplied along with technical compliance documents, technical bids without supporting data will be deemed technically non-compliant.

10. Price of every line item in the commercial bid should be quoted along with the total quoted price for the instrument to be operational (installed and ready to use) in our facility. Quote the price of each optional line item separately.

11. The vendor should have qualified technical service personnel for the equipment based in India (preferably in Bangalore).

12. Items in addition to that listed in the technical table that you would like to bring to our attention, such as data sheets, technical plots, etc. can be listed at the end of the compliance table

13. Vendors are encouraged to highlight the advantages of their instrument and accessories over comparable instruments from competitors.

14. If needed, a meeting for any technical clarifications can be scheduled with the undersigned by sending an email.

15. The Institute reserves the right to accept or reject any bid or to annul the bidding process and reject all bids at any time prior to the award of the contract without thereby incurring any

liability of the affected bidder or bidders.

16. After the award of the purchase order, the vendor must provide an Order Acknowledgment within 7 days from the receipt of the Purchase Order.

17. The vendor must have a local dedicated Sales & Service team & Application lab in the Southern region.

18. Vendors must provide proper justification for any technical deviations mentioned in the technical comparison statement during evaluation.

19. A comprehensive one-year warranty must cover all system components and accessories supplied with the equipment. Additional two years (2nd and 3rd year) non-comprehensive warranty (without spares) should be provided.

20. Vendors must submit a detailed list of infrastructure requirements (such as power supply, exhaust, laboratory space, table dimension etc.) necessary for installation and smooth operation of the system.

21. The payment terms should be specified in the commercial proposal, which should be consistent with IISc's purchase policies.

22. Provide details of the number of trained personnel in India, the number in the southern region, or Bangalore who can service the instrument.

23. Include other options currently available which can be added in the future.

24. The vendor should attach product brochures along with the technical bid.

4. Technical Specification

Technical Specifications for Photoluminescence Spectroscopy - Steady state, temperature dependent and time resolved (TCSPC) photoluminescence spectrometer (UV-Vis-NIR region)

Configuration Design: Photoluminescence Spectroscopy - Steady state, temperature dependent and time resolved (TCSPC) photoluminescence spectrometer (UV-Vis-NIR region)

Essential General Description:

Research grade modular fluorescence spectrometer system for acquiring steady-state excitation and emission spectra in the UV-VIS-NIR spectral range with single photon counting sensitivity along with TCSPC and MCS measurement facility with CCR cryostat in the range of 10K-300K (or better). The standard instrument configuration must have a guaranteed sensitivity of >30,000:1 for the Signal-to Noise Ratio of the water Raman signal measured with excitation at 350 nm, emission at 397 nm, with a 1 second integration time and 5 nm spectral bandwidth.

Essential Technical Specifications:

Broadband Sources:

- CW Xenon lamp (~450W or suitable required for maximum efficiency plasma collection) with integrated power supply for steady state PL measurements. Display with lamp parameter and usage in hours should be preferred.
- Pulsed Xenon source (~60W or suitable required for better output) with pulse width ~1.5-2.5 μs and repetition rate 0.1-100 Hz (or better) for phosphorescence decay measurements in the range of microseconds to seconds.

TCSPC Sources:

1. 405 nm (±5 nm) picosecond pulsed diode laser Typical pulse width: ~<100 ps @ 10 MHz Rep rate: 20 kHz - 20 MHz (or better).
2. 635 nm (±5 nm) picosecond pulsed diode laser Typical pulse width: ~<100 ps @ 10 MHz Rep rate: 20 kHz - 20 MHz (or better).

CW Laser Sources with pulse modulator:

1. 405 nm CW laser with ~300 mW output power or better with 3% stability
2. 650 nm CW laser with ~1 W output power or better with 3% stability
3. Pulse Width Control Box
   Repetition rates selectable over 0.1 Hz – 1 kHz (or better).
   Short Range: Pulse width <3 μs – 350 μs (or better).
   Medium Range: Pulse width 200 μs - 50 ms (or better).
   Long Range: Pulse width 30 ms - 7 s (or better).

Excitation Monochromator:

- Double monochromator in Czerny Turner configuration with suitable grating optimized for UV range around 300-400 nm with focal length 300 mm or better.
- Minimum step 0.01 nm.
- Computer-controlled slits, exchangeable triple grating turret enabling software selection of gratings.
- Computer-controlled filter wheel for higher order removal
- Stray light suppression greater than 1:10^10.

Emission Monochromator:

- Single monochromator in Czerny Turner configuration with suitable grating optimized for visible range around 400-500 nm with focal length 300 mm or better.
- Minimum step 0.01 nm.
- Computer-controlled slits, swing mirror, exchangeable triple grating turret enabling software selection of gratings.
- Computer-controlled filter wheel for higher order removal.

- Stray light suppression greater than 1:10^5.

Sample chamber:

- Large Sample Compartment with single cuvette holder temperature adjustable by water/coolant circulation fitted with integrated probe for sample temperature monitoring by spectrometer operating software.
- Filter slots provided for holding 50mm square filters as standard.
- Suitable focusing optics lens/mirror based.
- T-geometry should be available for additional emission monochromator.
- Interlocks to operate detector protecting shutter.
- Computer controlled signal level attenuator

Detector:

- Suitable PMT detector in cooled housing.
- Detectors should have a response width: <600 ps.
- The spectral coverage is 230 nm to 950 nm or better, with low dark count <100 cps at -20^{o} or better
- PMT gating circuit/hardware for measuring phosphorescence spectra.

Solid sample holder:

- Front face detection suitable for measurements of powders and film/slide samples including all the sample holders.
- Necessary set of 7 long-pass filters with wavelength of 330 nm, 395 nm, 455 nm, 495 nm, 550 nm, 590 nm, and 645 nm. All filters are of the size of 50 mm x 50 mm and fit into the filter holders.

Quantum Yield:

- Integrating sphere with minimum 120mm inner diameter (or better) for absolute PLQY measurements.
- Sphere must fit inside the sample chamber.
- The sphere should have featured a motorized sample loading mechanism which allows easy sample exchange.
- Two separate 3ml cuvette (10mm path length) with stopper and all other holders, reference plug, powder tray and all other related accessories must be provided as sphere accessories for complete measurements of absolute PLQY for both solid and liquid samples.

NIR measurement- Steady-state and Lifetime:

- LN cooled or suitable NIR PMT detector for extended fluorescence spectral and lifetime measurements in the range of 500 nm-1700 nm or better.
- Additional emission grating with 600-830 g/mm or better optimized at 1000-1200 nm.
- Additional second order filter around 1250 nm.
- Liquid N2 Storage Vessel
- All other required hardware and software components to measure NIR steady state spectra in the given range.

Phosphorescence decay and spectral measurement:

- All the related hardware and software accessories for phosphorescence decay measurements in the range of microseconds to seconds must be included.

Low temperature measurement- CCR Upgrade:

- Bottom/Top loaded Closed cycle cryostat along with temperature controller in the temperature range 10K-300K (or better) for Steady state, TCSPC, MCS measurements.
- Air cooled water recirculation system should be included.
- Turbomolecular Pump for Cryostat, ready-to-operate high vacuum pump with integrated vacuum gauge and display. 10^{-8} mbar ($0.75*10^{-8}$ Torr) ultimate pressure
- necessary mounting to couple it in the sample chamber and sample holder.

TE Cooled Sample Holder:

- Measurement Module with a thermoelectrically controlled cuvette holder and controller that enables stable temperature control of samples from -15°C to +105°C (or better).

Quartz Fluorescence Cuvette:

- 3ml Quartz cell 1cm x 1 cm (Qty-2)

Software:

- All the necessary hardware and timing electronics to measure Steady state fluorescence spectra full capabilities must be provided.
- Comprehensive fluorescence spectrometer control, performance monitoring, spectral and lifetime data acquisition and data fitting and analysis.
- Software should also have facilities like spectral and fluorescence/phosphorescence lifetime acquisition, kinetic measurements, time resolved excitation and emission spectra (TRES) and slicing of TRES data, data handling routines (normalization, scaling, arithmetic, integration, differentiation, smooth etc.), routines for quantum yield, reflectance and absorption measurements, chromaticity and luminance calculation and presentation etc.
- **One software license key for operating the software in another computer independently must be provided.**

Installation and Commissioning: Essential
• Installation and commissioning of the equipment has to be carried out by supplier at our laboratory in site and the performance has to be demonstrated. • Onsite training must be provided to our personal on the installed equipment for operation and data processing at free of cost.
Instrument Control: Essential
Suitable computer/workstation with all the interfacing hardware and pre-loaded software to operate the system with full capabilities and the license key must be provided.
Warranty: Essential
One-year comprehensive warranty on the full system should be provided from the date of successful installation. Additional two years (2nd and 3rd year) non-comprehensive warranty (without spares) should be provided.

5. Technical Bid

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

The Chairperson,
Attn: Dr. Sachin R. Rondiya (Assistant Professor)
Department of Materials Engineering,
Indian Institute of Science
Bangalore – 560012, India

Annexure - 1

Details of the Bidder

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

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 Bidder

Name

Designation, Seal Date:

Annexure - 2

Declaration regarding experience

To,
The Chairperson,
Materials Engineering Department,
Indian Institute of Science
Bangalore – 560012, India

Ref: Tender No: MT/SRR/2025/OS-2

Dated: 01/01/2026

Supply and Installation of Photoluminescence spectroscopy - Steady state temperature dependent and time resolved (TCSPC) photoluminescence spectrometer (UV-Vis-NIR region)

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 Supply and Installation of Photoluminescence spectroscopy - Steady state, temperature dependent and time resolved (TCSPC) photoluminescence spectrometer (UV-Vis-NIR region) with asked technical specifications.

(Signature of the Bidder)

Printed Name

Designation, Seal Date:

Annexure-3

Declaration regarding track record

To,
The Chairperson,
Materials Engineering Department,
Indian Institute of Science
Bangalore – 560012, India

Ref: Tender No: MT/SRR/2025/OS-2

Dated: 01/01/2026

Supply and Installation of Photoluminescence spectroscopy - Steady state, temperature dependent and time resolved (TCSPC) photoluminescence spectrometer (UV-Vis-NIR region)

Dear 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:

Annexure-4

Declaration for acceptance of terms and conditions

To,
The Chairperson,
Materials Engineering Department,
Indian Institute of Science
Bangalore – 560012, India

Ref: Tender No: Tender No: MT/SRR/2025/OS-2

Dated: 01/01/2026

Supply and Installation of Photoluminescence spectroscopy - Steady state, temperature dependent and time resolved (TCSPC) photoluminescence spectrometer (UV-Vis-NIR region)

Dear 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:

Annexure-5

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. Bidder should attach product brochures along with technical bid.
3. Bidders should clearly indicate compliance or non-compliance of the technical specifications provided in the tender document.

6. Commercial bid

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

Sl. No.	Description	Cat. Number	Quantity	Unit price	Sub total
1.	Essential items noted in the technical specification				
1.a	… (details of essential items)				
1.b	…				
2.	Optional items noted in the technical specification				
2.a	….(details of optional items)				
2.b	…..				
3.	Accessories for operation and installation				
4.	All Consumables, spares and software to be supplied locally				
5.	Warranty (1 year)				
6.	AMC 2 years beyond warranty				

Any additional item

Sl. No.	Description	Cat. Number	Quantity	Unit Price	Sub total

Addressed to
The Chairperson,
Attn: Dr. Sachin R. Rondiya (Assistant Professor)
Materials Engineering, Indian Institute of Science
Bangalore – 560012, India

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 "A": Technical Bid

1. Section 5- Technical Bid (each page signed by the authorized signatory and sealed) with the below annexures:
Annexure 1: Bidders details
Annexure 2: Declaration regarding experience
Annexure 3: Declaration regarding clean track record
Annexure 4: Declaration for acceptance of terms and conditions
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 "B": Commercial Bid

Section 6: Commercial Bid

Your quotation must be submitted in two envelopes: Technical Bid (Envelope A) and Commercial Bid (Envelope B) super scribing 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 super scribed with Tender No., Tender description & Due Date.