

Global Tender Notification for the Procurement of a Thermogravimetric Analyzer (TGA) and a Differential Scanning Calorimeter (DSC) with Autosampler

Date of Floating the tender: 12th November 2025

(Last Date for Submission: 3rd December 2025, 17:00 H)

Indian Institute of Science, Bangalore, invites quotations from Bonafide, resourceful, and eligible manufacturers/exclusive distributors/vendors for the procurement of a Differential Scanning Calorimeter with Autosampler and Cryostat, and a Thermogravimetric Analyzer (TGA) meeting the following technical specifications on D.D.P. (Delivered Duty Paid basis). 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 17:00 hours, **3rd December 2025**.

The bids should be addressed to:

The Chair

Chemical Engineering Department
Mechanical Sciences Division
Indian Institute of Science (IISc)
Bengaluru, India – 560012
Telephone: +91 80 2293 3110
Email: chair.ce@iisc.ac.in

The sealed bids should be sent to the following address:

The Chair

Chemical Engineering Department
Mechanical Sciences Division
Indian Institute of Science (IISc)
Bengaluru, India – 560012
Telephone: +91 80 2293 3110
Email: chair.ce@iisc.ac.in

Please enclose a technical compliance statement along with the technical bid.

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Section 1: Bid Schedule

1.	Tender No	CE/2025/NB/1
2.	Tender date	November 12, 2025
3.	Item Description	Thermogravimetric Analyzer (TGA) and Differential Scanning Calorimeter (DSC) with Autosampler
4.	Tender type	Global Tender
5.	Documents to be submitted	i) Technical bid (part A) ii) Commercial bid (part B)
6.	Place of tender submission	The Chair Chemical Engineering Department Mechanical Sciences Division Indian Institute of Science (IISc) Bengaluru, India – 560012 Telephone: +91 80 2293 3110 Email: chair.ce@iisc.ac.in
7.	Last date and time of tender submission	17:00 hours, 3rd December 2025
8.	For Further clarification	The Chair Chemical Engineering Department Mechanical Sciences Division Indian Institute of Science (IISc) Bengaluru, India – 560012 Telephone: +91 80 2293 3110 Email: chair.ce@iisc.ac.in

Section 2 - Eligibility Criteria

1. This is a global tender enquiry and any bidder with registered head offices within or outside India are eligible to bid. However, the Bidder's firm should have been in existence for a minimum of 3 years. (Enclose Company Registration Certificate)
2. 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 D.D.P. (Delivered Duty Paid basis) pricing and warranty information, and other commercial terms and conditions in another sealed envelope. The envelope should be 'marked' as **'Commercial Bid'**.
- c. Both 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. Tender number and date must be inscribed on all the envelopes.
3. The Bidder should sign and submit the declaration of Acceptance of Terms and Conditions as per Annexure 4.
4. 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**.
5. Any bids that are deemed incomplete can be summarily rejected without further consideration.
6. Only the Original Equipment Manufacturer or their authorized representatives shall participate in the bid.
7. The order will be placed only on the bidder who participated in the bid.

Section 3 – Terms and Conditions

A) Submission of Tender:

1. All documentation in the tender should be in English.
2. 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 (Section 5). 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 5**, and other commercial terms and conditions.
3. The technical bid and price bid should each be placed in separate sealed covers, superscripting 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 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 Chair, Chemical Engineering Department, Indian Institute of Science, Bangalore – 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.
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 GST Registration and PAN in the tender document (Indian Bidders only).
7. 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.
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 right:

- 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, the offer does not conform 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. Bids that are deemed to be complete as per the information given in Section 2 of this document will be considered for technical evaluation. Technical bids (Part A) from such eligible bidders will be opened and evaluated. Bidders not furnishing the documentary evidence as

required in Section 2 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 in 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 (Annexure 4).

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 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 construe that the BIDDER had accepted the clauses as of the tender and no further claim will be entertained.

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. Any optional items, recommended spares, additional warranty, annual maintenance contract and any such items will be considered only if these are being purchased as part of this tender.

E) Pre-requisites for Installation:

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

F) Warranty:

1. The complete system is to be under warranty for a minimum period of 3 years.

2. During the warranty period, any complaint must be attended to within 2 working days after raising a service request.

3. After such a service call, if the instrument is found to be defective, it must be replaced or rectified at the cost of the bidder within 30 days from the date of receipt of written communications from IISc, Bangalore.

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

G) Annual Maintenance Contract:

1. Costing for an annual maintenance contract for a period of at least 3 years post the warranty period is to be quoted.

2. The cost of annual maintenance must be locked in for the period of 3 years post the warranty period.

3. AMC must cover service breakdowns + at least 1 maintenance visit per year.

4. AMC cost (if ordered, after the completion of the warranty period) will be released on a yearly basis at the end of each year, subject to satisfactory services.

5. Quote must include pricing for both comprehensive and non-comprehensive AMC.

6. Expected consumables for the maintenance of this system and their price, preferably with a

lock-in at least during the warranty period, must be provided as an optional item in the quotation.

H) Delivery, Installation and Training:

1. The bidder shall provide the lead time for delivery, installation and commissioning at IISc Bangalore from the date of receipt of purchase order. The system should be delivered, installed and commissioned within 90 days from the date of receipt of purchase order.
2. 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 and testing by IISc, Bangalore. After successful commissioning 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.
3. The bidder should also arrange for technical training to the local facility technologists and users during installation. Additionally, 1 training visit per year must be included during the warranty period and during the AMC period, if and when the AMC (as detailed in section G) is purchased.

I) 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 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 found satisfactory, IISc Bangalore reserves the right to cancel or amend the contract.

J) Payment Terms:

1. Payment terms must be clearly included in the commercial bid.
2. AMC cost (if ordered) will be released on a yearly basis at the end of each year starting from the end of the warranty period, subject to satisfactory services.
3. Price basis must be D.D.P. (Delivered Duty Paid basis) IISc Bangalore basis.
4. As per GFR, no advance payment can be made to domestic vendors, unless an equal amount of bank guarantee is provided.

K) 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.

L) 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 Bangalore, India.

M) 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.

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.

Section 4 - Technical Specifications for Thermogravimetric Analyzer (TGA)

Broad System Requirements and Usage:

We intend to purchase a *Thermogravimetric Analyzer (TGA)* with the following minimum specifications or better for the Department of Chemical Engineering, Indian Institute of Science, Bangalore. The following technical criteria are to be met by any Thermogravimetric Analyzer (TGA), along with accessories that are being quoted under this notice:

- 1) Access to the quoted instrument should be multi-user friendly with an easy-to-use software interface and modular hardware design that allows rapid user training. It should also be easy to change from one operational mode to another with relative ease so that our students can set up experiments and handle the instrument.
- 2) In addition, the system being quoted should have a modular design, providing the flexibility to support upgradation for the possibility of integrating future updates either at the time of procurement or at a later date.

Table of Technical Specifications (Columns 3-6 are to be filled-in and submitted for verifying technical compliance.)

S. No	Technical Specifications	Provided Specification	Technical Compliance (Yes/No)	Deviation from specifications, if any	Remarks/Details of specification sheets or supporting documents
1.	Symmetrical vertical hang-down balance The TGA must employ a vertical null-balance design for accurate, precise, and reliable weighing of samples. It must be well insulated, electrically grounded, gas-purged separately, and thermally isolated from the furnace. This is essential for high-performance baseline performance.				
2.	Operating temperature range: Room temperature to 1000 °C				

	measured at the sample thermocouple				
3.	Temperature accuracy of $\pm 1^{\circ}\text{C}$				
4.	Isothermal temperature precision of $\pm 0.1^{\circ}\text{C}$				
5.	Linear heating rate of 0.1 to $100^{\circ}\text{C}/\text{min}$ in $0.01^{\circ}\text{C}/\text{min}$ increments				
6.	Ballistic heating rates of $\geq 600^{\circ}\text{C}/\text{min}$				
7.	Cooling time from 1000°C to 50°C in < 12 min				
8.	Sample weight capacity of ≥ 1000 mg				
9.	Weighing precision of $\pm 0.01\%$ of the sample weight ($0.1\text{ }\mu\text{g}$ for a 1 g sample weight)				
10.	Measured Weight resolution of $\leq 0.1\text{ }\mu\text{g}$				
11.	Baseline linearity of $\leq 25\text{ }\mu\text{g}$ over 50 to 1000°C with Pt pans.				
12.	The microbalance is to be electrically heated and have autocalibration. Must also allow for external calibration with standard weights.				
13.	The thermobalance should have a baseline drift $\leq 25\text{ }\mu\text{g}$ or better in the temperature range from ambient to 1000°C (true real-time measurement without baseline subtraction)				
14.	The system shall employ a forced-air cooling mechanism to ensure				

	controlled and reproducible cooling of the furnace. No chilled water or chiller-based cooling shall be permitted to avoid furnace condensation.				
15.	The System Must be fully automated and Integrated temperature calibration				
15.	The reactive gas inlet must be close to the sample and be programmable to minimize buoyancy. It should not contaminate the balance. External gas inlet tubes must not be used.				
16.	Integrated purge gas delivery control with programmable gas flow rate, accommodating up to two simultaneously installed gases				
17.	Furnace heating to be wire-wound to achieve fast heating/cooling rates described in points 5 and 6 of this table				
18.	Furnace and thermobalance to be operable at a vacuum or $\leq 10^{-2}$ Torr.				
19.	The TGA must be compatible with multiple furnace types, including but not limited to: • Wire-wound, low mass ceramic furnace • Quartz-lined evolved-gas analysis furnace (optional)				
20.	The necessary computer and associated hardware needed for a fully				

	automated operation must be included				
21.	Software that is easy to use and enables user-settable parameters such as temperature, heating rates, duration, etc., must be included.				
22.	All programmable features and use must be available through the software interface				
23.	The software must allow for saving data files, retrieving data files, and exporting data files into user-desired formats such as .csv, .xlsx, or similar data file formats.				
24.	The instrument and associated software must allow high-resolution TGA.				
25.	Automated changeover from linear heating to isothermal hold must be possible				
26.	The instrument and associated software must allow modulated TGA measurements. Sinusoidal temperature modulation with amplitudes of ≤ 0.01 °C to ≥ 10 °C with a period of ≤ 10 s to ≥ 1000 s				
27.	Integrated software must allow for calculating and Displaying activation energy and pre-exponential factor (or its log), and weight amplitude and modulated temperature				

28.	Software must allow for the calculation and plotting of differential thermal analysis (DTA) data.				
29.	Alumina pans of $\geq 70 \mu\text{l}$ (10 nos.) and Pt pans of $\geq 70 \mu\text{l}$ (3 Nos) must be included in the quotation.				
30.	Any accessories, such as cables, pumps, etc., that are essential for the operation of the system must be included with the quotation. The TGA system must be compatible with optional autosampler (≥ 15 positions) for long sequences. Optional: Provide a quote for the optional autosampler (≥ 15 positions)				
31.	The system must allow for on-site integration with FTIR or Mass Spectrometry apparatus for upgradation to TGA-IR and/or TGA-MS, respectively				
32.	The system must allow for the use of sample pans of up to $250 \mu\text{l}$.				
33.	Any standard samples and calibrations must be included in the quote. Calibration materials such as a calibrated weight set for auto calibration, a 100 mg precision Class 1 calibration weight, and other accessories needed for temperature and mass calibration.				

34.	Instrument must be compatible with Indian power supply conditions of 220/240V single phase or 415V 3-phase, and Power line frequency of 50 Hz				
35.	Any manuals and documentation necessary for operation, troubleshooting, and training must be provided with the system.				
36.	Warranty as per details in Point F in Section 3				
37.	Installation and Training as per the details in Point H in Section 3				
38.	Local service personnel in Bangalore are preferred. Please mention if you have service personnel stationed in Bangalore.				
39.	The bidder or OEM must have a track record of having supplied at least 5 similar systems within reputed institutes in India such as, IIT/IISc/CFTI institute/Govt. Research Institutes (DRDO, CSIR etc.). A list of such installations with contact email and phone number must be given.				

Technical Specifications Differential Scanning Calorimeter (DSC) with Autosampler

Broad System Requirements and Usage:

We intend to purchase a *Differential Scanning Calorimeter (DSC) with an Autosampler* with the following minimum specifications or better for the Department of Chemical Engineering, Indian Institute of Science, Bangalore. The following technical criteria are to be met by any Differential Scanning Calorimeter (DSC) with Autosampler, along with accessories that are being quoted under this notice:

- 1) Access to the quoted instrument should be multi-user friendly with an easy-to use software interface and modular hardware design that allows rapid user training. It should also be easy to change from one operational mode to another with relative ease so that our students can set up experiments and handle the instrument.
- 2) In addition, the system being quoted should have a modular design, providing the flexibility to support upgradation for the possibility of integrating future updates either at the time of procurement or at a later date.

Table of Technical Specifications (Columns 3-6 are to be filled-in and submitted for verifying technical compliance.)

S. No	Technical Specifications	Provided Specification	Technical Compliance (Yes/No)	Deviation from specifications, if any	Remarks/Details of specification sheets or supporting documents
1.	Operating temperature range: ambient to 725°C (air cooling), -90°C to 550°C (mechanical cooling) The DSC system shall also be compatible with liquid N₂ cooling up to -150 °C with autofill or intracooler optional: Provide an optional (add-on quotation) for liquid N₂ cooling up to -150 °C with autofill or intracooler. Please specify cool-down times between setpoints.				

2.	Baseline Flatness (-50°-300°C): <100 μ W without baseline subtraction				
3.	Baseline Repeatability (-50°-300°C): <40 μ W				
4.	baseline (isothermal) noise $\leq$ 0.2-0.5 μ W (RMS), dynamic noise $\leq$ 1 μ W (RMS), time constant $\leq$ 2 - 5 s				
5.	Temperature accuracy of $\pm$ 0.1°C				
6.	Temperature precision of $\pm$ 0.01°C				
7.	Enthalpy precision of $\pm$ 0.1%				
8.	Cp accuracy $\leq$ $\pm$ 5% (calibrated against sapphire), Cp repeatability $\leq$ $\pm$ 3% with 3–5 point temp calibration				
9.	The DSC should be of a heat flux design whereby the sample and reference are measured in the same furnace, on separate stages				
10.	The DSC must employ area temperature detectors directly beneath the sample and reference positions				
11.	The DSC furnace should be constructed of silver, with platinum heater windings				
12.	The purge gas delivery control should accommodate two simultaneously installed gases. The gas flow should be programmable.				

13.	Gas delivery control must allow for automated switching between the two gases during the experiment				
14.	The autosampler should accommodate ≥ 50 samples				
15.	The reference pans should be configurable to any of the 50-position trays				
16.	The autosampler must be capable of loading and unloading both sample and reference pans				
17.	The autosampler shall accommodate a variety of DSC pan types, including but not limited to: standard, hermetic, open, and high-volume.				
18.	The autosampler must employ an auto-lid device and a mechanical finger-style gripper				
19.	The autosampler must have a laser-edge detection system for pan sensing				
20.	The DSC must have up to five points for temperature calibration				
21.	The autosampler shall not require regular lubrication				
22.	The instrument should be able to apply a sinusoidal temperature wave to the sample: amplitude of sine wave: ± 0.01 to 3°C ; frequency period from 10 to 200 seconds				
23.	The instrument must be able to perform quasi-				

	isothermal experiments				
24.	The temperature modulation should be periodic for steady-state control and exact experiment reproducibility				
25.	The instrument should be able to perform real-time deconvolution of signals using a discrete Fourier transformation				
26.	The instrument should be able to show the following signals in real-time during the experiment: Total Heat Flow, Total Heat Capacity, Reversing Heat Capacity, Reversing Heat Flow, Non-Reversing (Kinetic) Heat Flow, Modulated Temperature, Modulated Heat Flow, Heat Flow Phase, Reference Sine Angle, Temperature Amplitude, Heat Flow Amplitude.				
27.	Accessories and pans for the instrument: ≥ 200 pans (Al pans, hermetically sealable pans + lids), crimper & piercer. Optional: Provide an optional quote for high volume pans ≥ 2 g				
28.	The necessary computer and associated hardware needed for fully automated operation must be included				
29.	Software that is easy to use and enables user-settable parameters such as temperature, heating rates, duration, etc., must				

	be included.				
30.	All programmable features, including the auto sampler position calibration and use, must be available through the software interface				
31.	The software must allow for saving data files, retrieving data files, exporting data files into user-desired formats such as .csv, .xlsx, or similar data file formats.				
32.	Software must allow full calibration of the instrument, including baseline, cell constant, and temperature				
33.	The instrument must be compatible with Indian power supply conditions of 220/240V single-phase or 415V 3-Phase and the Power line frequency of 50 Hz				
34.	Any manuals and documentation necessary for operation, troubleshooting, and training must be provided with the system.				
35.	Warranty as per details in Point F in Section 3				
35.	Installation and Training as per the details in Point H in Section 3				
36.	Demonstration during installation: Indium T_m within ± 1.3 °C (ASTM E967-03) and ΔH within $\pm 2.8\%$ (ASTM E968-02); Sapphire C_p across 0 – 200 °C; baseline flatness should match the				

	specification mentioned in point 2 without subtraction.				
37.	Local service personnel in Bangalore are preferred. Please mention if you have service personnel stationed in Bangalore.				
38.	The bidder or OEM must have a track record of having supplied at least 5 similar systems within reputed institutes in India such as, IIT/IISc/CFTI institute/Govt. Research Institutes (DRDO, CSIR etc.). A list of such installations with contact email and phone number must be given.				

Section 5: Checklist

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

The following items must be checked before the bid is submitted:

1. Sealed Envelope “Part A”: Technical Bid

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 of track record
- d. Annexure 4: Declaration of acceptance of terms and conditions
- e. Annexure 5: Details of items quoted
- f. Declaration of Local Content, if any
- g. Technical Compliance Statement with the **Table of Technical Specifications** (in Section 4) duly filled in.
- h. Copy of this tender document duly signed by the authorized signatory on every page and sealed.

2. Sealed Envelope “Part B”: Commercial Bid

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 description, Tender No. and due date and both 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.

Annexure 1: Details of the Bidder

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

Sr. No.	Type	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: Date:

Designation, Seal

Annexure 2: Declaration Regarding Experience

To,

The Chair

Chemical Engineering Department
Mechanical Sciences Division
Indian Institute of Science (IISc)
Bengaluru, India – 560012
Telephone: +91 80 2293 3110
Email: chair.ce@iisc.ac.in

Ref: Tender No: XXXXXXXXXX

Dated: XXXXX

Supply and installation of one Thermogravimetric Analyzer (TGA) and a Differential Scanning Calorimeter (DSC) with Autosampler

Sir,

I have carefully gone through the Terms & Conditions contained in Section 3 of the above-referred tender. I hereby declare that my company/firm has _____ years of experience in supplying and installing Thermogravimetric Analyzer (TGA) and Differential Scanning Calorimeter (DSC) with Autosampler.

(Signature of the Bidder)

Printed Name Designation, Seal Date:

Annexure 3: Declaration of Track Record

To,

The Chair

Chemical Engineering Department

Mechanical Sciences Division

Indian Institute of Science (IISc)

Bengaluru, India – 560012

Telephone: +91 80 2293 3110

Email: chair.ce@iisc.ac.in

Ref: Tender No: XXXXXXXXX

Dated: XXXXX

Supply and installation of one Thermogravimetric Analyzer (TGA) and one Differential Scanning Calorimeter (DSC) with Autosampler

Sir,

I have 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 am a competent officer in my company/firm to make this declaration.

OR

I declare the following:

Sr. No.	Country in which the company is debarred/blacklisted / having pending case	Blacklisted / debarred by Government / Semi Government Organizations or Institutions / having pending case	Reason	Time Period

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

(Signature of the Bidder)

Printed Name Designation, Seal Date:

Annexure 4: Declaration of Acceptance of Terms and Conditions

To,

The Chair

Chemical Engineering Department
Mechanical Sciences Division
Indian Institute of Science (IISc)
Bengaluru, India – 560012
Telephone: +91 80 2293 3110
Email: chair.ce@iisc.ac.in

Ref: Tender No: XXXXXXXXXX

Dated: XXXXX

Supply and installation of one Thermogravimetric Analyzer (TGA) and one Differential Scanning Calorimeter (DSC) with Autosampler

I have carefully gone through the Terms & Conditions contained 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 am an authorized signatory of my company and am, therefore, competent to make this declaration.

Yours faithfully
(Signature of the
Bidder)

Printed Name Designation, Seal Date:

Annexure 5: Details of Commercial Bid

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 the technical bid.
3. Bidders should clearly indicate compliance or non-compliance with 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.
 - 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 their solution with that of their competitors or provide details as requested in the technical requirements.