Global Tender

This is a Request for Quote (RFQ) from all vendors for the supply and installation of cryogen-free dilution refrigerators at Department of Physics, IISc Bangalore.

Section 1 - Bid Schedule

1	Tender No	IISC-PHY-VBSI/598/25-26
2	Tender Date	25-Aug-2025
3	Item Description	Supply and installation of cryogen-free dilution refrigerators
4	Tender Type	Two bid system (i) Technical Bid (Part A) (ii) Commercial Bid (Part B)
5	Place of tender submission	Chairperson's Office Department of Physics, Indian Institute of Science, Bangalore 560012 Attn: Dr. Vibhor Singh
6	Last Date & Time for submission of tender	15-Sep-2025, 5pm
7	For further clarification	Dr. Vibhor Singh Associate Professor, Department of Physics, Bangalore 560012 Email: vsingh@iisc.ac.in

Section 2 – Eligibility Criteria

Prequalification criteria:

1. The Bidder's firm should have existed for at least 3 years. Bidders should enclose a self-declaration.

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

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

4. Foreign currency quotations should be on CIP Bangalore basis. INR quotes should be on a FOR-IISc Bangalore basis.

5. The bidder should sign and submit the declaration for 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.

Section 3 – Terms and Conditions

A) Submission of Tender:

1. All documentation in the tender should be in English.
2. Tenders should be submitted in two envelopes (a two-bid system).
    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 requirement below.
       II. The second column should provide instrument specifications 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 2 and column 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 from the OEM. You can use this opportunity to highlight technical features, qualify responses of previous columns, provide additional details, compare your 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.

3. The technical bid and price bid should be placed in **separate sealed covers**, superscribing on both the envelopes the tender description, 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 should reach the Chairperson Office, Department of Physics, Indian Institute of Science, Bangalore – 560012, India, on or before the due date mentioned in the tender notice. If the due date is a holiday, the tender will be accepted 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., should be indicated separately. The BIDDER should mention GST Registration and PAN in the tender document.

7. If the price is not quoted in the Commercial Bid as per the format provided in the tender document, the bid is liable to be rejected.

8. The purchase committee reserves the right to accept or reject any bid and annul the bidding process and reject all bids at any time prior to 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.

9. Incomplete bids will be summarily rejected.

B) Cancellation of Tender:

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

a. To accept OR reject the lowest tender, any other tender or all the tenders.
b. To accept any tender in whole or in part.
c. To reject the tender, offer not confirming the tender terms.

C) Validity of the Offer:

The offer shall be valid 90 Days from the commercial bid's opening date.

D) Evaluation of Offer:

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

2. Bidders meeting the required eligibility criteria 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 Bangalore, and the decision in this regard shall be binding on the bidders.

4. The award of the 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 the due date and time 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 Bangalore shall construe that the BIDDER has accepted the clauses as of the tender, and no further claim will be entertained.

7. No revision of the terms and conditions quoted in the offer will be entertained after the last date and time fixed for receipt of tenders.

8. Lowest bid will be calculated based on the total price of all items tendered for the 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 is looking for 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 tool or purchase of a new tool.

E) Pre-requisites:

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

F) Warranty:

Warranty period is mentioned under the technical specifications. The vendor should include the cost of any spares expected to be needed during the warranty period, including electronics, subcomponents, and software. If the instrument is defective, it has to be replaced or rectified at the bidder's cost within 30 days from receipt of written communications from IISc, Bangalore. If there is any delay in replacement or rectification, the warranty period should be extended.

G)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.

H) Purchase Order:

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.

If the product and service quality is not found satisfactory, IISc, Bangalore reserves the right to cancel or amend the contract.

I) Delivery, Installation, and Training:

The bidder shall provide the lead time to delivery, installation, and made functional at IISc, Bangalore, from the date of receipt of the purchase order. The system should be delivered, installed, and made functional within 40 weeks from receipt of purchase order. The supply of the items will be considered as effected only on satisfactory installation and inspection of the system and the inspection of all the items and features/capabilities tested by the IISc, Bangalore. **For acceptance, the vendor must demonstrate the technical specifications mentioned in the tender**. After successful installation and inspection, the date of taking over of the 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 for the local facility technologists and users.

J) Payment Terms:

For INR quotes, 100% payments (except AMC) will be released after completion of delivery, satisfactory installation, and qualification, subject to TDS as per rules. As per GFR no advance payment can be made to domestic vendors unless an equal amount of bank guarantee is provided. For INR quotes, the price must be on FOR-IISc Bangalore basis only.

For quotes in foreign currency, the quote must be on a CIP Bangalore basis. The

payment terms for the foreign currency quotes should be mentioned along with the commercial offer.

AMC costs (if ordered after completion of the warranty period) will be released on a half-yearly basis at the end of each six months, subject to satisfactory services.

K) Statutory Variation:

Any statutory increase in the taxes and duties subsequent to the 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 on to IISc, Bangalore.

L) Disputes and Jurisdiction:

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

M) General:

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

2. The bidder may furnish any additional information which is necessary to establish capabilities to complete the envisaged work successfully. It is, however, advised not to provide superfluous information.

3. With prior intimation, the bidder may visit the installation site before tender submission.

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

Section 4 – Technical Specifications

System-A technical specifications:

Technical specifications of two different types of cryo-free dilutions refrigerators are listed below. These systems have been labelled System-A and System-B. The procurement is for 1 unit of System-A and 1 unit of System-B.

System-A

1.	Base temperature	10 mK or lower at the sample position (away from the mixing chamber) Provide base temperature reached with similar system with 50 and 100 RF coaxial cables plus 3 x 24 wire DC looms.
2.	Total cool-down time	Maximum 30 hours to reach the base temperature from room temperature for an unwired system with all extra vacuum can sections and radiation shields (see points 10 and 11) and without liquid nitrogen precooling. Precooling should be achieved using gas gap heat switch technology.
3.	Cooling power (measured away from the mixing chamber)	14 microwatt or more at 20 mK 400 microwatt or more at 100 mK. 575 microwatt or more at 120 mK
4.	Amount of He3 in the mixture at STP	Minimum 18L of He3 and mix optimized to meet the base temperature and cooling power specifications above. Include 2L additional He3 in the mixture above the optimal amount recommended for the system
5.	Pulse tube cryocooler	1 unit with minimum 1.5-Watt cooling power at 4.2 K A nominal 40 feet of Helium filled lines between the compressor and pulse tube. Compatible with Indian electrical standards Mention requirement of single phase or three phase supply Cooling water requirements to be specified
6.	Compliance to specifications above	Provide the plots of measurements of the system performance such as base temperature, cool-down time, and cooling power, clearly specifying the conditions under which the measurements were conducted. The plots can be provided for a similar system with identical PTR and He3 volume and at least 3 x 24 wire-loom (DC) and 50 (nominal) RF coaxial cables.

		The bid would be considered ineligible without these supporting results.
7.	Cryostat	The cryostat must have a single vacuum space with all hermetic seals such as O-ring seal at room temperature -- no exchange gas, no indium seal, no Kapton seal.
8.	Wiring and experimental ports	3 or more KF40 flange, and 2 or more side-loaded wiring ports for experimental wiring DC wiring to be included: 24-wire loom with appropriate connectors x 3 2 x wired to MXC plate (300K to 4K: Cu; 4K to MXC: NbTi) 1 x wired to 4K plate (300K to 4K: Cu) Provide 6X mating connectors for inside fridge Provide 3X connectorized cables for outside fridge; 3 m long; connector on one side and loose wires on the other end. The inter-plate separation between different cold plates must be compatible between with system-B listed below, to enable swapping the experimental wiring between system-A and system-B.
9.	Wiring capacity on side loaded ports	Total area available for wiring when using all side-loaded ports should be at least equivalent to 2 x ISO100 flanges
10.	Cryostat: vacuum and radiation shields	Light-weight outer vacuum jacket and radiation shields enabling one-person manual assembly. Include a radiation shield at the mixing chamber plate Specify nominal weights of all the shields in the compliance document.
11.	Dimensions of the cold plate and sample space	The cold plate at mixing chamber should be at least 290 mm in diameter and it should have at least 500 mm of vertical space below the mixing chamber plate till the inner most MXC shield. Up to a maximum of 3 sections for vacuum can and radiation shields should be used to meet the above requirement.
12.	Thermometry	A suitable thermometry for the complete operation of the dilution fridge. It must consist of the temperature sensors at 50K flange, 4K flange, Still-flange and mixing chamber flange. One additional RuOX sensor, calibrated to 10 mK, fully wired from 300K to base plate and integrated with the existing temperature readout unit. Provide sufficient extra

		wiring at base plate to enable placement of sensor anywhere in the base plate volume. Additional sensors at the PT head at 50K, and 4K and cold plate (~100 mK) may be included.
13.	Temperature Controller	Fully automated temperature control with appropriate temperature sensors, heaters, and heat-switches.
14.	Pumping system	An independent pumping system for the outer vacuum jacket should be included and must be integrated with system automation software. Suitable dry pumping system for the dilution circuit consisting of turbo molecular pump(s) with oil-free backing pump, and a compressor for the mixture. Provide the specifications of all the pumps and compressors.
15.	Suitable gas handling system	It must have necessary pressure gauges and overpressure valves etc. The gas handling system should have appropriate pressure release valves to collect the mixture back to the dump in the event of power failure or emergencies. The pumps should be electrically isolated from the cryostat.
16.	Cold traps	Suitable cold traps to operate the fridge for long durations (> 6 months) without blockage issues in the circulation loop.
17.	Mixture compressor bypass manifold	It must allow circulation of mixture after the condensation during normal operation without requiring the mixture to go through the compressor
18.	Support stand	Floor mounted standard support frame for the pumping bellows and the cryostat
19.	Mechanical Vibrations	Less than 100 nm amplitude near 100 Hz (in both horizontal and vertical directions) at the mixing chamber plate while the fridge is in operation. Include supporting data on the measurements of mechanical vibrations in vertical and horizontal directions.
20.	Pulse tube isolation	Include remote motor Pulse tube should have mechanical vibration isolation from the rest of the cryostat. Pulse tube and compressor should be electrically isolated from the cryostat.
21.	Cooldown procedure and software	Automatic cool down to base temperature.

		Flow chart explaining logic behind automation should be provided to enable easier debugging by the user Safety interlocks allowing unattended operation. Remote control operation. Ability to resume automation at different stages of the cooldown if interrupted due to power failure or other reasons. Continuous monitoring and logging of the system parameters. Cooldown parameters should be user editable for customization without requiring technical support team's intervention Control software should be compatible with Windows 10 or higher version operating system. Open access software with user modifiable sample codes/scripts for complete cooldown and warmup should be provided. API at the level of opening/closing of valves/pumps/heaters etc and pressure/temperature readings should be provided. Free upgrades of software.
22.	Warm up heaters	Include heaters to accelerate warmup from base temperature to room temperature. It must be integrated with system automation software.
23.	Testing, validation, and training	During onsite installation, the requirements under line item-1 to item-5 must be demonstrated on-site. Onsite training for the system operation to be provided. Appropriate tool kits with spares to be included for regular maintenance by the user.
24.	System manuals	Provide soft and hard copy of the manual and supporting documents
25.	Delivery and Installation Period	Delivery should be within 40 weeks after LC opening; Pre-dispatch report to be shared and shipment to be made only after acceptance of report by customer Installation should be within 8 weeks of delivery.
26.	Installation site	System parts which cannot be assembled on site and are factory-fitted must be compatible with the doors available on the installation-site of dimension 1.1m X 2.6m.
27.	Warranty	3 years

28.	Service support	Provide details of local service and support in India. Clearly identify which aspects of service / repair can be carried out locally in India
29.	List of customers	Vendor must have prior experience in manufacturing and commissioning similar system and submit list of at least 1 Indian and 4 international customers with contact information, and details of the supplied system.
	Optional items:	
1.	Liquid Nitrogen pre-cooling loop	For faster precooling of the system. It must have manual valves and overpressure safety valves for its operation Include the detail on flanges used by precooling loop in the compliance sheet. Provide details on reduction in cooldown time expected
2.	Magnetic shield	A cryogenically compatible high paramagnetic susceptibility material based magnetic shield at the mixing plate.
3.	Vibration Isolation	Passive vibration isolation
4.	AMC	Include the AMC charges associated with the system for 2 additional years after completing 3 years warranty period. The AMC should include costs of any essential parts needed for the maintenance.

System-B technical specifications:

1.	Base temperature	10 mK or lower at the sample position (away from the mixing chamber). Provide base temperature reached with similar system with 50 and 100 RF coaxial cables plus 3 x 24 wire DC looms.
2.	Total cool-down time	Maximum 40 hours to reach the base temperature from room temperature for an unwired system with all extra vacuum can sections and radiation shields (see points 10 and 11) and without liquid nitrogen precooling. Precooling should be achieved using gas gap heat switch technology.
3.	Cooling power (measured away from the mixing chamber)	14 microwatt or more at 20 mK 400 microwatt or more at 100 mK 575 microwatt or more at 120 mK
4.	Amount of He3 in the mixture at STP	Minimum 18L He3 and mix optimized to meet the cooling power specifications above. Include 2L additional He3 in the mixture above the optimal amount recommended for the system
5.	Pulse tube cryocooler	2 units, each having 2 Watts cooling power at 4.2K A nominal 40 feet of Helium filled lines between the compressors and pulse tube.

		Compatible with Indian electrical standards Mention requirement of single phase or three phase supply Cooling water requirements to be specified
6.	Compliance to item above	Provide the plots of measurements of the system performance such as base temperature, cool-down time, and cooling power, clearly specifying the conditions under which the measurements were conducted. The plots can be provided for a similar system with identical PTR and He3 volume and at least 3 x 24 wire-loom (DC) and 150 (nominal) RF coaxial cables. The bid would be considered ineligible without these supporting results.
7.	Cryostat	The cryostat must have a single vacuum space with all hermetic seals such as O-ring seal at room temperature -- no exchange gas, no indium seal, no Kapton seal.
8.	Wiring and experimental ports	5 or more KF40 flange, and 6 side loaded wiring ports for experimental wiring DC wiring to be included: 24-wire loom with appropriate connectors x 5 3 x wired to MXC plate (300K to 4K: Cu; 4K to MXC: NbTi) 2 x wired to 4K (300K to 4K: Cu) Provide 10X mating connectors for inside fridge Provide 5X connectorized cables for outside fridge; 3 m long; connector on one side and loose wires on the other end. The inter-plate separation between different cold plates must be compatible between with system-A listed above to enable swapping the experimental wiring between system-A and system-B.
9.	Wiring capacity on side loaded ports	Total area available for wiring when using all side-loaded ports should be at least equivalent to 6 x ISO100 flanges
10.	Cryostat- vacuum and radiation shields	Light-weight outer vacuum jacket and radiation shields. Include a radiation shield at the mixing chamber plate Specify nominal weights of all the shields in the compliance document.
11.	Dimensions of the cold plate and sample space	The cold plate at mixing chamber should be at least 500 mm in diameter and it should have at least 500 mm of vertical space below the mixing chamber plate till the inner most MXC shield.

		Up to a maximum of 3 sections for vacuum can and radiation shields should be used to meet the above requirement.
12.	Thermometry	A suitable thermometry for the operation of the dilution fridge. It must consist of the temperature sensors at 50K flange, 4K flange, Stil-flange, mixing chamber flange. One additional RuOX sensor, calibrated to 10 mK, fully wired from 300K to base plate and integrated with the existing temperature readout unit. Provide sufficient extra wiring at base plate to enable placement of sensor anywhere in the base plate volume. Additional sensors at the PT head at 50K, and 4K and cold plate (~100 mK) may be included.
13.	Temperature Controller	Fully automated temperature control with appropriate temperature sensors, heaters, and heat-switches.
14.	Pumping system	An independent pumping system for the outer vacuum jacket should be included and must be integrated with system automation software. Suitable dry pumping system for the dilution circuit consisting of turbo molecular pump(s) with oil-free backing pump, and a compressor for the mixture. Provide the specification of all the pumps and compressors.
15.	Suitable gas handling system	It must have necessary pressure gauges and overpressure valves etc. The gas handling system should have appropriate pressure release valves to collect the mixture back to the dump in the event of power failure or emergencies. The pumps should be electrically isolated from the cryostat.
16.	Cold traps	Suitable cold traps to operate the fridge for long durations (> 6 months) without blockage issues in the circulation loop.
17.	Mixture compressor bypass manifold	It must allow circulation of mixture after the condensation during normal operation without requiring the mixture to go through the compressor
18.	Support stand	Floor mounted standard support frame for the pumping bellows and the cryostat
19.	Mechanical Vibrations	Less than 100 nm amplitude near 100 Hz (in both horizontal and vertical directions) at the mixing chamber plate while the fridge is in operation.

		Include supporting data on the measurements of mechanical vibrations in vertical and horizontal directions.
20.	Pulse tube isolation:	Include remote motor Pulse tube should have mechanical vibration isolation from the rest of the cryostat. Pulse tube and compressor should be electrically isolated from the cryostat.
21.	Cooldown procedure and software	Automatic cool down to base temperature. Flow chart explaining logic behind automation should be provided to enable easier debugging by the user Safety interlocks allowing unattended operation. Remote control operation. Ability to resume automation at different stages of the cooldown if interrupted due to power failure or other reasons. Continuous monitoring and logging of the system parameters. Cooldown parameters should be user editable for customization without requiring technical support team's intervention Control software should be based on windows 10 or higher version operating system. Open access software with user modifiable sample codes/scripts for complete cooldown and warmup should be provided. API at the level of opening/closing of valves/pumps/heaters etc and pressure/temperature readings should be provided. Free upgrades of software.
22.	Warm up heaters	Include heaters to accelerate warmup from base temperature to room temperature It must be integrated with system automation software
23.	Testing, validation, and training	During onsite installation, the requirements under item-1 to item-5 must be demonstrated on-site. Onsite training for the system operation to be provided Appropriate tool kits with spares to be included for regular maintenance by the user.
24.	System manuals	Provide soft and hard copy of the manual and supporting documents

25.	Delivery and Installation Period	Delivery should be within 40 weeks after LC opening; Pre-dispatch report to be shared and shipment to be made only after acceptance of report by customer Installation should be within 8 weeks of delivery.
26.	Installation site	System parts which cannot be assembled on site and are factory-fitted must be compatible with the doors available on the installation-site of dimension 1.1m X 2.6m.
27.	Warranty	3 years
28.	Service support	Provide details of local service and support in India. Clearly identify which aspects of service / repair can be carried out locally in India
29.	List of customers	Vendor must have prior experience in manufacturing and commissioning similar system and submit list of at least 1 Indian and 4 international customers with contact information, and details of the supplied system.
	Optional items:	
1.	Liquid Nitrogen pre-cooling loop	For faster precooling of the system. It must have manual valves and overpressure safety valves for its operation Include the detail on flanges used by precooling loop in the compliance sheet. Provide details on reduction in cooldown time expected
2.	Magnetic shield	A cryogenically compatible high paramagnetic susceptibility material based magnetic shield at the mixing plate.
3.	Vibration Isolation	Passive vibration isolation
4.	AMC	Include the AMC charges associated with the system for 2 additional years after completing 3 years warranty period. The AMC should include costs of any essential parts needed for the maintenance.

Section 5- Technical Bid

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

The Chairperson,
Attn: Dr. Vibhor Singh
Department of Physics,
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:

Details of the Bidder

Sl. No	Items	Details
1.	Name of the Bidder	
2.	Nature of Bidder (Attach an 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, Seal Date:

Annexure-2:

Declaration regarding experience

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

Ref: Tender No:
XXXXXXXXX Dated:
XXXXX

Dear Sir/Madam

I've carefully reviewed the Terms & Conditions in the above-referred tender. I hereby declare that my company/firm has---------- years of experience in supplying and installing the proposed equipment.

(Signature of the Bidder)
Printed Name
Designation, Seal Date:

Annexure-3:

Declaration regarding track record

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

Ref: Tender No:
XXXXXXX Dated:
XXXXX

Dear Sir/Madam,

I've carefully reviewed the Terms & Conditions 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 a 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 the 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,
Department of Physics,
Indian Institute of Science,
Bangalore – 560012, India

Ref: Tender No:
XXXXXX Dated:
XXXX

Dear Sir/Madam,

I've carefully reviewed the Terms & Conditions 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 the technical bid.
3. Bidders should clearly indicate compliance or non-compliance with the technical specifications provided in the tender document.

Section 6 – Commercial Bid

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

Addressed to

The Chairperson,
Attn: Dr. Vibhor Singh
Department of Physics,
Indian Institute of Science
Bangalore – 560012, India

S.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 essential items)				
2.b	…				
3.	Accessories for operation and installation				
4.	All Consumables, spares and software to be supplied locally				
5.	Warranty (3 years)				
6.	AMC 3 years beyond warranty				

Any additional items such as Spares and Hardware/PCB'S/Other items Likely to going Obsolete after the next 3 Years

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

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 "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 clean 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 "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 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.