



SSCU/IISc/SMB/2024/Glove Box/01

Domestic Tender Notification for the procurement and Installation of Four port Glove box (2 'Two-Port Glove Boxes' interconnected with T shaped antechamber)

Quotations are invited for the procurement and installation of a Four port Glove box (2 'Two-Port Glove Boxes' interconnected with T shaped antechamber) for **SSCU, IISc**, Bangalore basis in INR only. Your quotation should mention the terms of delivery, delivery schedule, estimated delivery date, and payment terms. The tender should be submitted in two separate sealed 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 on 31st Jan 2024, Wednesday.

The Solid State and Structural Chemistry Unit (SSCU) was founded in November 1976 by Bharat Ratna Professor C. N. R. Rao. Since its beginning, research in SSCU has been highly interdisciplinary, lying at the intersection of Chemistry, Physics, Biology and Materials Science and Engineering. The culture of excellence that is fostered in SSCU is reflected in the fact that SSCU leads IISc in terms of research quality as well as productivity. Any equipment in SSCU receives significant exposure to the scientific community at IISc and beyond. The vendors are requested to factor in the value of this exposure into their quotes. For more Info <https://sscu.iisc.ac.in/>

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The bids should be addressed to:

The Chair,

Solid State and Structural Chemistry Unit (SSCU)

Indian Institute of Science (IISc)

Bengaluru, India - 560012.

Kind attention: **Dr. Sreedhara M.B**

email: sreedhara@iisc.ac.in, chair.sscu@iisc.ac.in

The sealed bids should be sent to:

Dr. Sreedhara M.B

Solid State and Structural Chemistry Unit

Indian Institute of Science (IISc)

Bengaluru, India - 560012.

email: sreedhara@iisc.ac.in Ph: +91-80 2293 3307

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

Section-1: Bid Schedule

1	Tender Number	SSCU/IISc/SMB/2024/Glove Box/01
2	Tender Date	10 th Jan 2024
3	Item Description	Four port Glove box (2 'Two-Port Glove Boxes' interconnected with T shaped antechamber)
4	Tender Type	Two bid system: (a) Technical Bid (Part A) (b) Commercial Bid (Part B)
5	Place of tender submission	The Chair Solid State and Structural Chemistry Unit (SSCU), Indian Institute of Science, Bengaluru 560012, India Attn: Dr. Sreedhara MB
6	Last Date and Time for tender submission	31 st Jan 2024, Wednesday, 5:00 PM
7	For further Clarifications	Dr. Sreedhara MB Assistant Professor Solid State and Structural Chemistry Unit Indian Institute of Science (IISc), Bengaluru, India - 560012. Email: sreedhara@iisc.ac.in , Ph: +91-80 2293 3307

Section 2 - Eligibility Criteria

Pre-qualification criteria:

1. Quote should come only from Indian Original Equipment Manufacturer (OEM) or their Indian authorized distributor. The quotations should be on FOR-IISc Bangalore basis in INR only.
2. The Bidder's firm should have existence for a minimum of 5 years (Enclose Company Registration Certificate)
3. The Bidder should belong to either class 1 or class 2 supplier distinguished by their "local content" as defined by recent edits to GFR. They should mention clearly which class they belong to in the cover letter.
 - a) Class 1 supplier: Goods and services should have local content of equal to or more than 50%.
 - b) Class 2 supplier: Goods and services should have local content of equal to or more than 20 % and less than 50%.
4. Purchase preference as defined by the recent edits to GFR (within the "margin of purchase preference") will be given to Class-1 supplier.
5. MSME can seek exemption to some qualification criteria. IISc follows GFR2017 for such details.
6. The Bidder must not be blacklisted/banned or have a record of any service dispute with any organization in India or elsewhere. A declaration of this effect must be given as per Annexure 2.
7. The bidder should sign and submit the declaration of Acceptance of Terms and Conditions as per Annexure 2.
8. Bidders offering imported products will fall under the category of non-local suppliers. They cannot claim themselves as Class 1 local suppliers/Class 2 local suppliers by claiming services such as transportation, insurance, installation, commissioning, training, and other sales service support like AMC/CMC, etc., as local value addition.

Section 3 - Terms and Conditions

- 1) All documentations in the tender should be in English. Quote should come only from Indian Original Equipment Manufacturer (OEM) or their Indian authorized distributor. The quote should be all inclusive of packaging, transport, installation, and training.
- 2) Tender should be submitted in two envelopes (two bid system).
 - (a) The facility should meet (or exceed) the technical specifications provided in the 'Technical Specifications' **section 4**. Any additional items that are required beyond the list for the successful performance of the quoted equipment should be mentioned and provided.
 - (b) **Technical Bid (Part-A)** – Technical bid consisting of all technical details and check list for technical specifications. The technical proposal should contain a technical compliance table for all essential components and optional components.
 - (c) The compliance table should have 5 columns.
 - i. The first column must list the technical requirements, in the order that they are given in the Technical specifications (section 4).
 - 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 2 and column 3 are consistent.
 - iv. The fourth column should state the reasons/explanations/context for deviations.
 - v. The fifth column can contain additional remarks from the Indian Original Equipment Manufacturer (OEM) or from their distributors. You can use this opportunity to highlight technical features, qualify response of previous columns, or provide additional details, compare your solution with that of your competitors or provide details as requested in the technical requirements table below.
 - (d) **Commercial Bid (Part-B)** – Indicating prices for all the items mentioned in the technical bid, as per the format of quotation provided in tender, and other commercial terms and conditions.
 - (e) The price should be quoted separately for the Essential components and separately for the Optional components. Itemised price quote for each individual component is preferred.
- 3) The technical bid and price bid should be placed in separate sealed covers, superscripting on both the envelopes the Tender number 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 number, Tender Description & Due Date.
- 4) The SEALED COVER superscripting tender number/due date should reach SSCU Office, Indian Institute of Science, Bangalore 560012, India, on or before due date mentioned in the tender notice. In case due date happens to be 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) The technical proposal must include references of at least 5 previous installations done in India within last 5 years of similar equipment from the equipment manufacturer. Please provide the names and contact addresses of the three independent referees, so that the committee can contact them independently to get reference.
- 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 there by incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders.
- 8) Cancellation: Notwithstanding anything specified in this tender document, IISc Bangalore, in its sole discretion, unconditionally and without having to assign any reason, reserves the rights,
 - (a) To accept OR reject 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 offer not conforming to the tender terms.
- 9) Validity: The offer shall be valid 90 days from the date of opening of the commercial bid.
- 10) Evaluation of offer:
 - (a) The technical bid (Part A) will be opened first and evaluated.
 - (b) 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.
 - (c) 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 the sole discretion of IISc Bangalore, and decision in this regard shall be binding on the bidders.
 - (d) The award of contract will be subject to acceptance of the terms and conditions stated in this tender.
 - (e) Any offer which deviates from the vital conditions (as illustrated below) of the tender is liable to be rejected:
 - i. Non-submission of complete offers.
 - ii. Receipt of bids after due date and time and or by email / fax (unless specified).
 - iii. Receipt of bids in open conditions.
 - (f) 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.
 - (g) 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.
 - (h) Lowest bid will be calculated based on the total price of all items tendered for the equipment specified herein along with any required accessories, installation, and warranty specified herein.
 - i. The institute may, at its discretion, decide to purchase only the Essential components in the Technical Specifications. In this case, the total price of Essential components will be considered.
 - ii. The institute may, at its discretion, decide to purchase the Essential Components and some or all the Optional Components in the Technical Specifications. In this

case, the total price of Essential components and the selected Optional components will be considered.

(i) The BIDDER submitting the lowest bid may be called for further negotiations.

- 11) Warranty: The complete system is to be under warranty period of minimum 3 years including from the date of handing over. 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. In case repair/replacement is required during the first three years, the duration for which the equipment is not operational should be added to the warranty period.
- 12) The tender document should also indicate what kind of service/maintenance is required for the system. Also mention that whether the service must be carried out by a company engineer or it can be carried by trained service personnel within India.
- 13) The vendor must quote for a non-comprehensive AMC price beyond the 3-year warranty, with a price lock in for 3 years beyond the standard 3-year warranty period, 2/3 services per year should be included in the AMC. The Annual Maintenance Contract should be clearly mentioned after the warranty period.
- 14) Operation and service manual in English (electronic and hard copy) with complete diagram and PCB layout for all equipment should be provided with the instrument.
- 15) Pre-installation site preparation requirements to be indicated and specified along with the bid.
- 16) Bid should include all other essential auxiliary equipment and spares for its operation, even which are not explicitly specified above (please provide list with details). All sample handling kits/consumables should also be provided.
- 17) The vendor should have qualified technical service personnel for the equipment based in India and should assure a response time of <48 hours.
- 18) The deadline for the delivery of the equipment should not be more than 4 months from the date of receipt of our purchase order.
- 19) Wherever requested data must be supplied along with technical compliance documents. Technical bids without supporting data will be deemed technically non-compliant.
- 20) All guaranteed specifications may have to be demonstrated at the time of installation. Any necessary standard samples should be provided.
- 21) Technical evaluation by the institute may include a demonstration to verify functionalities and capabilities of the system quoted. The institute reserves the right to provide samples after opening the technical bids for verification of promised specifications. Any discrepancy between the promised specifications and measurements will be deemed as technical non-compliance.
- 22) Purchase order:
 - (a) The order will be placed on the bidder whose bid is accepted by IISc after negotiations and based on the terms & conditions mentioned in the tender document.
 - (b) If the quality of the product and service provided is not found satisfactory, IISc, Bangalore reserves the right to cancel or amend the contract.
- 23) 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 purchase order. 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. The bidder should also arrange for technical training for the local facility technologists and users.

24) Payment terms: 100% of the payments will be released after completion delivery and satisfactory installation subject to TDS as per rules. AMC cost (if ordered), after completion of warranty period will be released on a half-yearly basis at the end of each six months subject to satisfactory services. Price basis must be on FOR-IISc Bangalore basis only. As per GFR no advance payment can be made to domestic vendors unless an equal amount of bank guarantee is provided.

25) The quote should also include additional spares sufficient for 3 years.

26) The GST should be quoted strictly as per prevailing government norms with respect to all the items mentioned in your quote.

27) General:

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

(b) 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.

(c) The bidder may visit the installation site before submission of tender, with prior intimation.

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

Section-4: Technical requirements:

Please note that the requirements listed below are only guidelines. Vendors are requested to quote for equipment that meets the criteria to the best extent possible and list deviations if any. Deviations are NOT an automatic reason for disqualification. They will be discussed by a technical committee prior to making an informed decision.

Technical Specifications of the Glove box

Broad System Requirements and Usage

We are seeking to procure a state-of-the-art four port Glove box (2 'Two-Port Glove Boxes' interconnected with T shaped antechamber) for our research group. The glove box should meet the following broader criteria along with the detailed technical specification given further below.

1. The glove box should be robust, aesthetically well-built, automatic, and multi-user friendly with an easy-to-use software interface, modular hardware design that allows for rapid user training. It should also be easy to change from one operational mode to another so that we can set up experiments and handle the instrument with relative ease.
2. We are working in diverse areas of research at the intersection of fundamental chemistry, physics, and new materials synthesis and characterization. Therefore, the glovebox being quoted should be an advanced and updated version that can go far beyond the basic version with the highest level of accuracy. For example, the instrument should be able to measure the oxygen and moisture levels with high precision.
3. The system should have a modular design with the flexibility to add any of the above capabilities, or other physical property measurement options. The probes for these measurements can be added via feedthrough either at the time of procurement or later.

Box -1: Two Port Glove Box

Box enclosure

- Box material: should be SS304/316, brushed stainless steel, at least 3 mm thickness ($\pm 10\%$ dimensional tolerance).
- Box internal dimensions: should be at least 900-920 mm in height, 1200 to 1350 mm in length, and 780 mm to 800 in depth.
- Stand with height 1000 mm with castors and levelling feet for height adjustment.
- Window material: should be impact-resistant polycarbonate/toughened glass, 10 mm thick.
- The Box should be chemical, corrosion and scratch resistant.
- Boxes should include an adjustable high-quality bin storage system (adjustable shelving) with at least 15 bins.
- Leak rate of glove box be less than 0.05V%/h (ISO 10648-2) and monitoring facility
- Should include dust filter of class H13 (0.3 micron)
- Provide Internal Solvent Removal System which includes activated carbon to trap trace amounts of solvent vapor from the glovebox environment (min 12 replacement filters with the box).

- Glove Ports: Should include two glove port round, diameter =220 mm, should be O' ring sealed and material should be aluminum with anticorrosion coating.
- Include internal Glove Port Cover – Two Glove Port Cover shall be supplied as a standard needed for replacing the Gloves.
- Gloves: should be Butyl, thickness 0.4mm.
- Should have four DN 40KF flanges (electrical feedthrough, one vacuum line, and two blank).
- Automatic box pressure control in adjustable range between (+15mbar to-15mbar) with oil free pressure relief mechanism. Provide additional Foot pedal.
- Operation in negative and/or positive pressure range is required and positive pressure regulation without pump.
- Oil bubblers should NOT be used in any of the gas circulation lines. The mechanism for pressure regulation should be clearly mentioned.
- Front side mounted LED Light with switch provision in PLC controller.
- Economic Mode Operation with auto purge with time sequence or with O₂ and H₂O ppm.
- Flexible for future expansion: Need a modular system that can be expanded further. The side panels must be removable to accommodate future expansions.

Box -2: Two Port Glove Box

Box Enclosure specifications are the same as mentioned above for Box-1 and both the boxes should be compatible to use in dry and wet conditions. Glove box isolation and Box-1 and box-2 bypass valves should be provided.

T shape Antechamber to interconnect Box 1 and Box 2.

- Should provide dual access for both the glove boxes.
- Cylindrical type 400 mm Dia and 800 mm Length Stainless Steel SS304 with SS sliding tray.
- Inside and outside surface brushed finish
- The trays, rails, and other components in the antechambers should also be of 304 grade or 316 grade with corrosion/chemical resistant brushed stainless steel.
- Aluminum anodized door 10mm thickness swing type 3 No's.
- Analogue vacuum gauge with automatic evacuating and refill valve.

Mini antechambers one each for both Glove boxes 1 and 2

- Should be cylindrical with Stainless steel body.
- The antechamber dimensions: 150 mm in diameter and 400 mm in length.
- Must have a manual pump and purge system: with a pressure gauge, manual valve, and connection to a vacuum pump.
- Should have a door that can seal the antechamber for evacuation. Integral leak rate: $<10^{-3}$ mbar L/s

Programmatic Logic Control (PLC)

- Glove box should be controllable with independent and fully integrated Siemens/Nvidia/any other reputed programmatic logic control (PLC), with a touch panel interface. The touch panel interface should serve as a central control unit for all glove box functions and procedures.
- All glove box functions should be accessible via the touch panel. Graphical display of the box pressure, O₂ and moisture levels should be available in the touch panel interface.
- Automatic Box purge should be possible via PLC. It should trigger an automatic box purge either due to high O₂ or moisture or both in the glove box or an automatic timer option to trigger box purge at a pre-set time for a pre-set duration.
- Gas (argon or nitrogen) flow rate of 200 Liter/min or greater during purging should be possible.
- The O₂ and moisture trigger set-point range for automatic box purging should be between 10-999 ppm. Touch panel implementations showing this should be provided. A copy of relevant documentation from the user manual should also be provided.

Gas Purifier

- Glove box should provide inert atmosphere and should have at least one independent purifier capable of purifying the glove box ambient to attain a purity of <1 ppm H₂O and O₂. (Installation report will be given only after 3 days of monitoring less than 1 ppm levels)
- Attainable Oxygen and Moisture purity less than one ppm at complete +/-15mbar at all times
- Working gas: Argon, Nitrogen or Helium should be possible.
- The removable capacity should be a minimum of 41 Liters for oxygen and at least 1400 grams for moisture. Specification sheets or data sheets attesting to this must be provided.
- The purifier should be fully regenerable with an automatic/programmed control using forming gas (10% H₂ or lower) or Ar or N₂.
- The gas circulation blower should be capable of a circulation rate of at least 100 m³/hour. The maximum and minimum circulation rates of the blower should be provided and should work without any heat exchanger.
- Integrated blower with vacuum tight and speed should be dynamically controlled via program logic based on the moisture and oxygen content in the glove box, to make the blower operation power efficient. Implementation diagrams or specifications that prove this is possible must be provided.
- The purifier loop must have at least two H14 dust filters (HEPA or ULPA filters)- one for filtering inlet gas (nitrogen or argon) and one for filtering the box ambient before it goes out to the gas circulation system.
- set limit, able to set between (10-999ppm). Glove box purging to be operated by the operational panel of the purifier up to 200l/min with PLC control as well as manual regulation valve.
- Oil bubblers should NOT be used in any of the gas circulation lines. The mechanism for pressure regulation should be clearly mentioned.
- NO component in the gas circulation line (except for the vacuum pumps) should use oil or oil containing parts.
- Economic Mode Operation with Auto purge with time sequence or ppm of O₂ and H₂

- Single Column Gas purification system 7-inch Siemens/Nvidia high resolution colour touch screen HMI, remote and graphical PLC controller with Auto-regeneration
- Should include regenerable 5Kg Molecular sieve, 5Kg Cu catalyst (preferably from BASF) and regenerable 7 Kg Activated Charcoal for scrubber (solvent absorber), should be placed in line outside the box.
- The purification system should be able to automatically regenerate the catalyst whenever required.

Valves and Piping

- Main valves should be Electro-pneumatically controlled.
- Control Piping should be DN 4/10.
- Main piping and Side Piping (preferably Swagelok fittings) should be Stainless steel DN 40 KF System control.

Vacuum Pump

- Double stage rotary vane Edwards/Pfeiffer or other globally reputed brand with the capacity approx. 17 m³/h (with base pressure 10⁻³ mbar).
- Should include oil mist filter, oil re-circulation and gas ballast control.

Sensors

- A solid-state/Electrochemical oxygen sensor capable of measuring oxygen levels from <0.1 ppm to 1000 ppm should be provided with box.
- A solid-state moisture sensor capable of measuring moisture levels from <0.1 ppm to 500 ppm should be provided with box.

Box pressure

- Box pressure should be controllable automatically (via programmatic logic) within a pressure range of -15 to +15 mbar.
- The desired pressure should be settable via the touch panel interface. Touch panel implementations showing this should be provided. A copy of relevant documentation from the user manual should also be provided.

Gloves and Glove Port Covers

- There should be 2 POM (polypropylene is preferred) glove ports for each box and butyl gloves should be provided for these glove ports.
- The size of each glove port should be at least 9" in diameter.
- The glove ports should be O-ring sealed against the gloves.
- Must include at least two glove port covers and two additional spare gloves.
- The thickness of the butyl gloves should be a minimum of 0.4 mm.

Feedthroughs

- Each 2-port box should have at least 4 KF-40 feed-through. These can be connected to liquid, electrical, or vacuum feedthroughs. The details of placement can be discussed at the time of ordering.
- The system must have at least 2 electrical feedthroughs with 15 A connectors that are compatible with 220 V – 240 V supply.

System control

Glove box should be PLC controlled with Colour touch panel operation of glove box parameters with features of circulation control, pressure control, regeneration control and monitoring of pressure, oxygen, and moisture. Each function should be clearly displayed on touch panel. Alarms and reminders are required for maintenance and parts. Activation at user-set timings

Facility for a mobile app with 24/7 remote monitoring of glove box parameters and provision for sending alerts and notifications about upcoming service schedules. Should be freely downloadable from the google play store /app store (Must provide link for the same)

Other

- There must be an LED lamp inside with a control switch on the touchscreen to turn the light on/off.
- The circulation system should make it possible to have positive pressure regulation without a vacuum pump.
- O₂ and H₂O, and pressure trending for 24 hours. With three zone levels: 1000 ppm, 100 ppm, and 10 ppm.
- A foot pedal for controlling box pressure should be provided.
- At least two height-adjustable stainless-steel shelves of at least 1000 mm in length and at least 200 mm in depth should be provided. These should be centrally located so that any chemicals or tools are accessible from glove ports.
- Vendors should have a minimum of 10 installations at reputed institutes like IISc/IITs/IISERs.
- All electrical connections should comply with line power specifications in India. Single phase voltage range is 220-240 Vac, and the three-phase voltage range is 415-440 Vac. The line frequency is 50Hz.
- Optional sensors for acids and solvents

Acceptance

- 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.
- Previous installations can be used by the committee to disqualify vendors with a poor track record of service, build quality, system performance or poor availability of spares.

- IISc will expect acceptance tests, post installation. These can be recorded in the presence of representatives of the OEM. Inability to pass these tests will be counted as a technical failure and breach of contract.
- Maintain <1 ppm of H₂O and O₂ for **72-hour** period.
- Should have an emergency beacon indicator for oxygen and moisture threshold limit.
- Should include 5Kg Molecular sieve and 5Kg Cu catalyst (preferably BASF) and 7 Kg Activated Charcoal for scrubber (solvent absorber).
- Demonstrate automated routines for Cu catalyst (BASF) regeneration.
- Demonstrate automated routines for maintaining target pressure.
- Leak Tightness - Class I to standard ISO 10648-2 (Oxygen-increase method & pressure drop test) with leak rate < 5x10⁻⁵/h (0.05 vol %/h). Test certificate should be provided.
- Leak test should be performed with portable detector and should provide QAP report.
- Low noise level < 50 dB(A) under purification and pressure regulation.

Annexure 1

Details of the Bidder

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

Sl. 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:

Designation, Seal Date:

Annexure 2:

Declarations

To,
The Chair,
Solid State and Structural Chemistry Unit,
Indian Institute of Science,
Bangalore – 560012, India

Ref: Tender No: XXXXXXXXX

Dated: XXXXX

Sub: Supply and installation of a Four port Glove box (2 'Two-Port Glove Boxes' interconnected with T shaped antechamber)

Sir,

I carefully gone through the Terms & Conditions contained in the above referred tender. 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.

I hereby declare that my company / firm has — years of experience in supplying and installing Gloveboxes.

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.

The details of supply and installation of three similar equipment in India within last 5 years, along with the contact person in each case, are as follows.

- 1.
- 2.
- 3.

Signature of the Bidder
Name

Designation, Seal Date:

Annexure 3: Details of items quoted.

1. Company Name
2. Product Name
3. Part/Catalogue number
4. Product description/main features
5. Detailed technical specifications.
6. 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.

Section 5: 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				
1a	...(details of the essential items)				
1b					
2	Optional items noted in the technical specification				
2b				
3	Accessories for operation and installation				
4	All Consumables, spares and software to be supplied locally				
5	Warranty (3 years)				

Any additional items

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

Section 6 – 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

Technical bid (each page signed by the authorized signatory and sealed) with the below annexures:

- a. Annexure 1: Bidders details
- b. Annexure 2: Declarations
- e. Annexure 3: Details of item quoted.

2. Sealed Envelope “B”: Commercial Bid

Your quotation must be submitted in two separate sealed envelopes: Technical Bid (Envelope A) and Commercial Bid (Envelope B) super scribing on both the envelopes with 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.