



**Tender No. A3/CMC/84849/25/IN**

**Dated: 19.08.2025**

**Limited Tender Document**

**For**

**Supply, Installation, demonstration and training of**

**Environment Test Chamber System**

**CSIR MADRAS COMPLEX  
CSIR ROAD, TARAMANI,  
CHENNAI - 600113  
TEL: 044 22544508/ 26  
E-MAIL: [spo.cmc@csir.res.in](mailto:spo.cmc@csir.res.in)**

**INVITATION FOR BIDS / NIT**  
**(THROUGH E-PROCUREMENT – [www.etenders.gov.in](http://www.etenders.gov.in))**

01. The Co-ordinating Director, CSIR Madras Complex, Chennai - 600 113, INDIA, (CSIR - CMC) invites encrypted bids on [www.etenders.gov.in](http://www.etenders.gov.in) from manufacturers, their authorized distributors for purchase of items listed below. **The tender is only open for local suppliers as per Public procurement Preference to Make in India, Order No. P-45021/2/2017-PP (BE-II) dt 16<sup>th</sup> September, 2020 and as amended from time to time.**

Sl. No.	Tender No.	Description of Items	Single/Double bid	Bid Security (BS) / EMD
1.	A3/CMC/84849/25/IN	Supply, Installation, demonstration and training of Environment Test Chamber System (Specification enclosed as in Chapter -4)	Single Stage Two Envelope System Bid (Double Bid System)	Rs. 51,000/- (Rupees: Fifty-One Thousand Only) or BSD (Bid Securing Declaration). Bids without BS/EMD or BSD will summarily be rejected as per procedure.

02. Interested Bidders may obtain further information from the office of the  
**Controller of Stores and Purchase**

**CSIR Madras Complex  
CSIR Road, Taramani,  
Chennai- 600113**

**Tel: 044 – 2254 4508 / 2254 4526**

**Email: [spo.cmc@csir.res.in](mailto:spo.cmc@csir.res.in)**

03. All bids must be accompanied by a proof of bid security in favor of The Co-ordinating Director, CSIR-CMC as specified above. The EMD may be in the shape of Bank Guarantee / Bid Securing Declaration (Annexure – V) / electronically transfer in form of NEFT and must be delivered to the above office prior to the due date and time for submission of the bid as indicated above. EMD exemption is available for MSEs. Traders are outside the ambit of MSE policy.

04. The tender is non-divisible in nature.

05. Participation in this tender is by invitation only and is limited to the selected Purchaser's registered suppliers. Unsolicited offers are liable to be ignored. However, suppliers who desire to participate in such tenders in future may bring it to the notice of the purchaser and apply for registration as per procedure. It may be noted that Conditional/Unsigned tenders shall not be considered.

06. The Tender Document is available at [www.etenders.gov.in](http://www.etenders.gov.in) and is downloadable free of cost. The Tender Document can also be seen at our website [www.csircmc.res.in](http://www.csircmc.res.in) under the heading Tenders.

07. The Co-ordinating Director, CSIR-CMC reserves the right to accept or reject any bids or accept all tenders either in part or in full or to split the order, or to annul the bidding process without assigning any reason.

**CONTROLLER OF STORES AND PURCHASE  
(FOR & ON BEHALF OF COUNCIL OF  
SCIENTIFIC & INDUSTRIAL RESEARCH)**

**CRITICAL DATE SHEET**

<b>Sl. No.</b>	<b>Stage</b>	<b>Date &amp; Time</b>
<b>1.</b>	<b>Publish Date &amp; Time</b>	<b>19/08/2025 6.00 PM</b>
<b>2.</b>	<b>Document Download Start Date &amp; Time</b>	<b>19/08/2025 6.00 PM</b>
<b>3.</b>	<b>Last Date &amp; Time for receipt of queries</b>	<b>26/08/2025 5.00 PM</b>
<b>4.</b>	<b>Pre-Bid Conference meeting</b>	<b>NIL</b>
<b>4.</b>	<b>Bid Submission Start Date &amp; Time</b>	<b>28/08/2025 5.00 PM</b>
<b>5.</b>	<b>Bid Submission End Date &amp; Time</b>	<b>03/09/2025 3.00 PM</b>
<b>6.</b>	<b>Bid Opening Date &amp; Time</b>	<b>04/09/2025 3.00 PM</b>

**TENTATIVE TIME SCHEDULE OF PROCUREMENT PLANNING**

<b>Sl. No.</b>	<b>Stage</b>	<b>Tentative Frame Time</b>
<b>1.</b>	<b>Date of Bid Opening</b>	<b>XX</b>
<b>2.</b>	<b>Date of Completion of Technical Bid Evaluation</b>	<b>XX + 30</b>
<b>3.</b>	<b>Date of Communication of Rejection of Bids</b>	<b>XX + 40</b>
<b>4.</b>	<b>Date of Receipt of context, if any, form Bidders</b>	<b>XX + 50</b>
<b>5.</b>	<b>Opening of Financial Bid</b>	<b>XX + 60</b>
<b>6.</b>	<b>Notification of Award</b>	<b>XX + 90</b>

## **TERMS & CONDITIONS**

1. The quotation must be in the form furnished by the Purchaser and should be free from corrections/erasures. In case there is any unavoidable correction it should be properly attested. If not, the quotation will not be considered. Hand written Quotations will not be considered.
2. It may kindly be noted that your bid should
3. Be in *Two-part bidding*
4. **All bids must be accompanied by a proof of bid security in favor of Co-ordinating Director, CMC as specified above. The EMD may be electronically transfer in form of NEFT and must be delivered to the above office prior to the due date and time for submission of the bid as indicated above.**
5. On the event of award of Contract in your favor, you need to submit a **5% Performance Bank Guarantee** valid for a period of 2 Months beyond the Warranty period.
6. The tender is non-divisible in nature.
7. The acceptance of the quotation will rest with the competent authority of CSIR Madras Complex who does not bind himself to accept the lowest quotation and reserves the right to himself to reject, or partially accept any or all the quotations received without assigning any reason.
8. Price quoted should be net and valid for a minimum period of **90** days from the date of opening of the quotation.
9. Participation in this tender is by invitation only and is limited to the selected Purchaser's registered suppliers. Unsolicited offers are liable to be ignored. However, suppliers who desire to participate in such tenders in future may bring it to the notice of the purchaser and apply for registration as per procedure. It may be noted that Conditional/Unsigned tenders shall not be considered.
10. The bidder must submit the applicable Price Schedule Form as Annexed to the tender document available on the [www.etenders.gov.in](http://www.etenders.gov.in) .
11. **Complete specification with manufacturer's name and address should be given while quoting. Literature/Pamphlets should also be enclosed wherever applicable.**
12. Prices are required to be quoted in units indicated in the enquiry. When quotations are given in terms of other units, relationship between two sets of units should be furnished. Quantity discounts, if any should also be indicated. The items should be quoted indicating the serial No. of our RFQ.
13. Delivery period required for supplying the material should be invariably specified in the quotation. The offered delivery period shall have to be strictly adhered to in case an order is placed.

14. Liquidated Damages Clause for delays: The applicable rate is 0.5% per week and maximum deduction is 10% of the contract price.
15. If the deliveries are not maintained and due to that account, the purchaser is forced to buy the material at your risk and cost from elsewhere, the loss or damage that may be sustained there by will be recovered from the defaulting supplier.
16. All supplies are subject to inspection and approval before acceptance. Manufacturer warranty certificates and manufacturer/Government approved lab test certificate shall be furnished along with the supply, wherever applicable.
17. TDS on IT & TDS on GST would be recovered as per rules in case of Supply / Fabrication/ Servicing/ Maintenance jobs/Installation charges etc.
18. Kindly furnish your PAN & GST Number etc. in your quotation for our records.
19. Our normal payment terms are 100% (hundred percent) within 30 (thirty) days on receipt and acceptance of material and after satisfactory installation at our site in good condition. Please inform your Bank details for RTGS payment.
20. All disputes shall be settled in the courts of Chennai, India Jurisdiction only.
21. All the above instructions and our standard terms and conditions must be complied failing which your offer may be liable for rejection.
22. As per Govt. of India procurement policies,  
The purchaser intends to give product reservation/purchase preference in line with current Govt. of India procurement policies to help inclusive national economic growth by providing long term support to small and medium enterprises and advantaged sections of the society and to address environmental concerns along with preferential market access in govt. procurements
23. Instructions to Bidders, General Conditions of Contract applicable to limited tenders originating from S&P Division along with different formats can be viewed on our website [www.csircmc.res.in](http://www.csircmc.res.in) under the heading tenders.

#### **General Terms & Conditions:**

1. **MAF (Manufacturer Authorized Form) from the OEM has to be submitted along with the tender**
2. The bidder shall furnish documentary evidence to demonstrate that the bidder satisfies the bidders' eligibility criteria.
3. Bidders shall invariably furnish documentary evidence (client's certificate) in support of the satisfactory operation of the similar jobs executed by him.
4. Spares and service support for the instrument for the period of 10 years from the date of installation.

5. Details of make, model, service support for the outsourced items/ supporting accessories.
6. Details of Service Centre and information on service support facilities that would be provided after the warranty period (in the Service Support Form).
7. That adequate and specialized expertise is already available or will be made available following the execution of the contract in the Purchaser's country, to ensure that the support services are responsive and adequate as per 'Instructions to Bidders 1.14.2(c).

#### **ACCEPTANCE TERMS**

8. Specifications should be strictly adhered to without compromise. At the time of supply, all the parts supplied should be the latest one i.e. should there be a new and improved version of the part(s) developed after the quote was furnished the improved versions should only be supplied and without any additional cost to the buyer.
9. A simple step-by-step operating procedure (max 2 pages) which will be kept near the equipment indicating the precautions for eg. Safe pressures, dos and don'ts for safe and correct use of the entire equipment including software should be provided to help extend the life of the system.
10. The service manual to be given.

#### **Manufacturer's Inspection Certificate**

11. After the goods are manufactured and assembled, inspection and testing of the goods shall be carried out at the supplier's plant by the supplier, prior to shipment to check whether the goods are in conformity with the technical specifications. Manufacturer's test certificate with data sheet shall be issued to this effect and submitted along with the delivery documents. The purchaser reserves the options to be present at the supplier's premises during such inspection and testing.

**NOTE:** This notice is being published for information only and is not an open invitation to quote in this limited tender. Participation in this tender is by invitation only and is limited to the selected registered suppliers. Unsolicited offers are liable to be ignored. However, suppliers who desire to participate in such tenders in future may apply for registration as per procedure”.

## **CHAPTER - 1**

### **INSTRUCTIONS TO BIDDERS**

#### **Contents of Chapter - 1**

<b><u>Content</u></b>	
<b>A. <u>Introduction</u></b>	
1.1	Eligible Bidders
1.2	Cost of Bidding
1.3	Code of Integrity for Public Procurement
<b>B. <u>The Bidding Document</u></b>	
1.4	Cost of Tender Documents
1.5	Content of Bidding Documents
1.6	Clarification of Tender Documents
1.7	Amendment of Tender Documents
<b>C. <u>Preparation of Bids</u></b>	
1.8	Language of Bid
1.9	Purchase Preference Policies
1.10	Documents Comprising the Bid
1.11	Bid form and price schedule
1.12	Bid Prices
1.13	Bid Currencies
1.14	Documents Establishing Bidder's Eligibility and Qualifications
1.15	Documents Establishing Goods' Eligibility and Conformity to Bidding Documents
1.16	Bid Security
1.17	Period of Validity of Bids
1.18	Format and Signing of Bid
<b>D. <u>Submission and Sealing of Bids</u></b>	
1.19	Submission, Sealing and Marking of Bids
1.20	Deadline for Submission of Bids
1.21	Withdrawal, substitution and Modification of Bids

<b><u>Content</u></b>	
<b>E. <u>Opening and Evaluation of Bids</u></b>	
1.22	Opening of Bids by the Purchaser
1.23	Confidentiality
1.24	Clarification of Bids
1.25	Preliminary Examination
1.26	Bidders right to question rejection
1.27	Responsiveness of Bids
1.28	Non-Conformity, Error and Omission
1.29	Examination of Terms & Conditions, Technical Evaluation
1.30	Evaluation and Comparison of bids
1.31	Contacting the Purchaser
1.32	Post qualification
<b>F. <u>Award of Contract</u></b>	
1.33	Negotiations
1.34	Award Criteria
1.35	Purchaser's right to vary Quantities at Time of Award
1.36	Option clause
1.37	Purchaser's right to accept any Bid and to reject any or all Bids
1.38	Notification of Award
1.39	Signing of Contract
1.40	Order Acceptance
1.41	Performance Security
1.42	Pre-bid Conference
1.43	Integrity Pact



## A. INTRODUCTION

### 1.1. Eligible Bidders

- 1.1.1 This Invitation for Bids is open to all manufacturers or their authorized distributors registered on etenders.gov.in having the credentials of local suppliers as per make in India order No. P-45021/2/2017-PP (BE-II) dt 16<sup>th</sup> Sept. 2020 and as amended from time to time. *The offer(s) will not be entertained if the same distributor/dealer is representing more than one OEM for the same items. Similarly, one OEM should not authorize more than one distributor / dealer for this tender. Further, an authorized distributor/dealer and the OEM should not quote simultaneously.*
- 1.1.1.1 A supplier or bidder shall be considered to be from a country if (i) the entity is incorporated in that country, or ii) a majority of its shareholding or effective control of the entity is exercised from that country; or (iii) more that 50% of the value of the item being supplied has been added in that country. Indian suppliers shall mean those entities which meet any of these tests with respect to India.
- 1.1.3 MSEs would be treated as owned by Scheduled Caste/Schedule Tribe enterprises as under:
- (a) In case of proprietary MSE, proprietor(s) shall be SC/ST.
  - In case of partnership MSE, the SC/ST partners shall be holding at least 51% (fifty-one percent) shares in the unit.
  - In case of Private Limited Companies, at least 51% (fifty-one percent) share shall be held by SC/ST promoters
- 1.1.4 MSEs owned by women shall also be determined as per the above analogy/criteria.
- 1.1.5 Bidders should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under this Invitation of Bids.
- 1.1.6 Bids from Joint Ventures, Consortium or Associations so long as they are formed and registered prior to the bid submission date is acceptable.
- 1.1.7 The bidders who have been temporarily suspended or removed from the list of registered suppliers by the purchaser or banned from Ministry/country wide procurement shall be ineligible for participation in the bidding process.
- 1.1.8 – i) Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority.
- ii) “Bidder” (including the term ‘tenderer’, ‘consultant’, or ‘service provider’ in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not failing in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.

iii) “Bidder from a country which shares a land border with India” for the purpose of the Order means: -

- a. An entity incorporated, established or registered in such a country; or
- b. A subsidiary of an entity incorporated, established or registered in such a country; or
- c. An entity substantially controlled through entities incorporated, established or registered in such a country; or
- d. An entity whose beneficial owner is situated in such a country; or
- e. An Indian (or other) agent of such an entity; or
- f. A natural person who is a citizen of such a country; or
- g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above

iv) The beneficial owner for the purpose of (iii) above will be as under:

1. In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.
    - a. “Controlling ownership interest” means ownership of or entitlement to more than twenty-five percent of shares or capital or profits of the company;
    - b. “Control” shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholder’s agreements or voting agreements;
  2. In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;
  3. In case of unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;
  4. Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;
  5. In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.
- v) An agent is a person employed to do any act for another, or to represent another in dealings with third person.
- vi) The successful bidder shall not be allowed to sub-contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority.

#### 1.1.9 Reciprocity clause

Entities of countries which have been identified by the nodal Ministry / Department as not allowing Indian companies to participate in their Government procurement for any item related to that nodal Ministry shall not be allowed to participate in Government procurement

**Bidder's unable to furnish GEM seller ID may be overlooked from placement of Purchase order even if they are otherwise eligible.**

## **1.2 Cost of Bidding**

- 1.2.1 The Bidder shall bear all costs associated with the preparation and submission of its bid, and "the Purchaser", will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

## **1.3 Code of Integrity**

- 1.3.1 The bidders/suppliers should sign a declaration about abiding by the Code of Integrity for Public Procurement in bid documents. In case of any transgression of this code, the bidder is not only liable to be removed from the list of registered suppliers, but it would be liable for other punitive actions such as cancellation of contracts, banning and blacklisting or action in Competition Commission of India, and so on.

- 1.3.2 **Code of integrity for Public Procurement:** The Purchaser as well as bidders, suppliers, contractors and consultants should observe the highest standard of ethics and should not indulge in the following prohibited practices, either directly or indirectly, at any stage during the procurement process or during execution of resultant contracts:

"corrupt practice": making offers, solicitation or acceptance of bribe, rewards or gifts or any material benefit, in exchange for an unfair advantage in the procurement process or to otherwise influence the procurement process or contract execution;

"Fraudulent practice": any omission or misrepresentation that may mislead or attempt to mislead so that financial or other benefits may be obtained or an obligation avoided. This includes making false declaration or providing false information for participation in a tender process or to secure a contract or in execution of the contract;

"anti-competitive practice": any collusion, bid rigging or anti-competitive arrangement, or any other practice, coming under the purview of the Competition Act, 2002, between two or more bidders, with or without the knowledge of the purchaser, that may impair the transparency, fairness and the progress of the procurement process or to establish bid prices at artificial, non-competitive levels;

"Coercive practice": harming or threatening to harm, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

"conflict of interest": participation by a bidding firm or any of its affiliates that are either involved in the consultancy contract to which this procurement is linked; or if they are part of more than one bid in the procurement; or if the bidding firm or their personnel have relationships or financial or business transactions with any officials of purchaser who are directly or indirectly related to tender or execution process of contract; or improper use of information obtained by the (prospective) bidder from the purchaser with an intent to gain unfair advantage in the procurement process or for personal gain; and

"Obstructive practice": materially impede the purchaser's investigation into allegations of one or more of the above mentioned prohibited practices either by deliberately destroying, falsifying, altering; or by concealing of evidence material to the investigation; or by making

false statements to investigators and/or by threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or by impeding the purchaser's Entity's rights of audit or access to information;

### 1.3.3 **Obligations for Proactive disclosures:**

- i. The purchaser as well as bidders, suppliers, contractors and consultants, is obliged under Code of Integrity for Public Procurement to suo-moto proactively declare any conflicts of interest (coming under the definition mentioned above – pre-existing or as and as soon as these arise at any stage) in any procurement process or execution of contract. Failure to do so would amount to violation of this code of integrity; and
- ii. The bidder must declare, whether asked or not in a bid document, any previous transgressions of such a code of integrity with any entity in any country during the last three years of being debarred by any other Procuring Entity. Failure to do so would amount to violation of this code of integrity;
- iii. To encourage voluntary disclosures, such declarations would not mean automatic disqualification for the bidder making such declarations. The declared conflict of interest would be evaluated and mitigation steps, if possible, taken by the purchaser. Similarly, voluntary reporting of previous transgressions of Code of Integrity elsewhere may be evaluated and barring cases of various grades of debarment, an alert watch may be kept on the bidder's actions in the tender and subsequent contract.

### 1.3.4 **Punitive Provisions:**

Without prejudice to and in addition to the rights of the Purchaser to other penal provisions as per the bid documents or contract, if the Purchaser comes to a conclusion that a (prospective) bidder/supplier, directly or through an agent, has violated this code of integrity in competing for the contract or in executing a contract, the purchaser may take appropriate measures including one or more of the following:

- i) **If his bids are under consideration in any procurement:**
  - a) Forfeiture or encashment of bid security or invocation of the bid securing declaration clauses pertaining to violation.
  - b) Calling off of any pre-contract negotiations; and
  - c) Rejection and exclusion of the bidder from the procurement process.
- ii) **If a contract has already been awarded**
  - a) Cancellation of the relevant contract and recovery of compensation for loss incurred by the purchaser;
  - b) Forfeiture or encashment of any other security or bond relating to the procurement;
  - c) Recovery of payments including advance payments, if any, made by the purchaser along with interest thereon at the prevailing rate.
- iii) **Provisions in addition to above:**
  - a) Removal from the list of registered suppliers and banning/debarment of the bidder from participation in future procurements of the purchaser for a period not less than one year;

- b) In case of anti-competitive practices, information for further processing may be filed under a signature of the Joint Secretary level officer, with the Competition Commission of India;
- c) Initiation of suitable disciplinary or criminal proceedings against any individual or staff found responsible.

## **B THE BIDDING DOCUMENTS**

### **1.4 Cost of Tender Documents**

- 1.4.1 The bidding documents can be downloaded from our Website as indicated in the Invitation for Bids/NIT free of cost as also from [www.etenders.gov.in](http://www.etenders.gov.in) under the relevant Tender-ID

### **1.5 Content of Bidding Documents**

- 1.5.1 The goods required, bidding procedures and contract terms are prescribed in the bidding documents which should be read in conjunction. The bidding documents, apart from the invitation for bids have been divided into 8 chapters as under:
  - Chapter 1 : Instructions to Bidder (ITB)
  - Chapter 2: General Conditions of Contract (GCC)
  - Chapter 3 : Schedule of Requirements
  - Chapter 4 : Price Schedule Forms
  - Chapter 5 : Contract Form
  - Chapter 6 : Other Standard Forms
- 1.5.2 The Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or submission of a bid not substantially responsive to the bidding documents in every respect will be at the Bidder's risk and may result in rejection of its bid.

### **1.6 Clarification of Tender Documents**

- 1.6.1 A prospective Bidder requiring any clarification of the Bidding Documents shall contact the Purchaser in writing at the Purchaser's address specified in the Special Conditions of Contract (SCC), latest by the date specified in the critical date sheet or correspond through "seek clarification" online on [www.etenders.gov.in](http://www.etenders.gov.in). No request for clarification or query shall normally be entertained after the deadline/pre-bid conference if any. Should the Purchaser deem it necessary to amend the Tender Documents as a result of a clarification, it shall do so following the procedure under Clause relating to amendment of Tender Documents and Clause relating to Deadline for Submission of Bids.

The queries, clarifications and amendments issued would also be hosted on the website of the Purchaser and as corrigendum on [www.etenders.gov.in](http://www.etenders.gov.in) for the benefit of the other prospective bidders and also shall be sent to all bidders who have purchased the tender documents.

### **1.7 Amendment of Tender Documents**

- 1.7.1 At any time prior to the deadline for submission of bids, the Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the tender documents by amendment. The same would also be hosted on the website of the Purchaser and all prospective bidders are expected to surf the website before

submitting their bids to take cognizance of the amendments. The modified tender document would also be available at [www.etenders.gov.in](http://www.etenders.gov.in) as a corrigendum.

- 1.7.2 In order to allow prospective bidders' reasonable time in which to take the amendment into account in preparing their bids, the Purchaser, at its discretion, may extend the deadline for the submission of bids and host the changes on the website of the Purchaser and on [www.etenders.gov.in](http://www.etenders.gov.in).

## **C. PREPARATION OF BIDS**

### **1.8. Language of Bid**

- 1.8.1 The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser shall be written in English language only.
- 1.8.2 The Supplier shall bear all costs of translation, if any, to the English language and bear all risks of the accuracy of such translation, for documents provided by the Supplier.

### **1.9. Purchase Preference Policies**

- 1.9.1 The purchaser intends to give product reservation/purchase preference in line with current Govt. of India procurement policies to help inclusive national economic growth by providing long term support to small and medium enterprises and disadvantaged sections of the society and to address environmental concerns along with preferential market access in govt. procurements MSEs
- 1.9.2 Purchase preference would also be given to Micro and Small enterprises as per MSMED Act 2006 and subsequent amendments.
- 1.9.3 Traders are outside the ambit of MSMED Act and no purchase preference will be given to such bidders.

### **1.10. Documents Comprising the Bid**

- 1.10.1 The bid prepared by the Bidder shall include documents as under:

#### **1. Cover – 1 – Fee/Prequal/Technical/Finance (Techno-Commercial Details of Environment Test Chamber System) (Document Type .pdf)**

1. Bid security as specified in the Invitation to Bid – Annexure IV or Bid Securing Declaration. – Annexure V (.pdf)
2. **Bidder Information Form – Annexure – I**; and if applicable Documentary evidence about the status of the bidder **i.e. whether MSE or not, owned by SC/ST or not and whether the MSE is owned by a women entrepreneur or not.** (.pdf)
3. **Format for declaration by the Bidder for Code of Integrity & conflict of interest (Annexure II) (.pdf)**
4. Manufacturer's Authorization Form–Annexure – III; (.pdf)
5. Deviation statement form – Annexure – VII (.pdf)

6. Certificate with regard to the bidder not having a land border with India (Annexure XIV) or Certificate with regard to the bidder having a land border with India (Annexure XV) (.pdf)
7. Self-Certification regarding Local Content in letter head (Annexure XII)
8. Catalogue / Brochure and data sheet of the Model Quoted (.pdf)
9. Schedule of Requirement – Chapter – 3 (.pdf)
10. Bid form – Annexure – IX; (.pdf)

**Cover – 2 – Price Bid (.xls)**

**1.11. Bid form and price schedule**

- 1.11.1 The bidder shall complete the Bid Form and the appropriate price schedule form furnished in the bidding documents. These forms must be completed without any alterations to its format and no substitutes shall be accepted. All blank spaces shall be filled in with the information requested. The Bid Form and the appropriate Price Schedule form shall be submitted in accordance with Clause 1.18.3 of the bidding documents.

**1.12. Bid Prices**

- 1.12.1 The Bidder shall indicate on the appropriate price schedule form, the unit prices and total bid prices of the goods it proposes to supply under the contract.
- 1.12.2 **Prices indicated on the price-schedule form shall be entered separately in the following manner:**  
**The price of the goods and services quoted FOR destination CSIR – CMC stores including all taxes already paid. Thereafter installation and commissioning charges. Packing and forwarding charges should be indicated wherever separately asked or should be included in the basic cost if it is not separately asked.**
- 1.12.3 **The price quoted shall remain fixed during the contract period and shall not vary on any account**
- 1.12.4 All lots and items must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. Lots or items not listed in the Price Schedule shall be assumed to be not included in the bid.
- 1.12.5 ~~The Purchaser is registered with Dept. of Scientific & Industrial Research, Govt. of India and concessional GST & IGST are payable vide notification No.47/2017-Integrated Tax (Rate) and Notification No. 45/2017-Central Tax (Rate) both dated 14th November, 2017.~~
- 1.12.6 Please state specifically in your offer whether the duties and taxes are extra over the prices quoted, failing which it will be presumed that the prices are inclusive of taxes and duties and no claim would be entertained for statutory variations at a later date.
- 1.12.7 Stipulations like “GST is presently not applicable but the same will be charged if it becomes leviable later on” is not acceptable unless in such cases it is clearly stated that GST will not be charged if the same becomes applicable later on due to increase in turn over etc. If a bidder fails to comply with this requirement, his quoted price shall be loaded with the

quantum of duty which is normally applicable  
on the item in question for the purpose of comparison with the prices of other tenderers.

**Note: All payments due under the contract shall be paid after deduction of statutory levies at source (like TDS etc.), wherever applicable.**

### **1.13. Bid Currencies**

1.13.1 Prices shall be quoted in Indian Rupees.

### **1.14. Documents Establishing Bidder's Eligibility and qualifications**

1.14.1 The bidder shall furnish, as part of its bid, documents establishing the bidders' eligibility to bid and its qualification to perform the contract if its bid is accepted.

1.14.2 The documentary evidence of the bidder's qualification to perform the contract if the bid is accepted shall establish to the purchaser's satisfaction that;

- (a) The bidder meets the qualification criteria listed in bidding documents if any.
- (b) Bidder who doesn't manufacture the goods it offers to supply shall submit Manufacturers' Authorization Form (MAF) using the form specified in the bidding document to demonstrate that it has been duly authorized by the manufacturer of the goods to quote and/or supply the goods.
- (c) In case a bidder not doing business within India, it shall furnish the certificate to the effect that the bidder is or will be represented by an agent in India equipped and able to carry out the supply, maintenance, repair obligations etc. during the warranty and post warranty period or ensure a mechanism at place for carrying out the supply, maintenance, repair obligations etc. during the warranty and post-warranty period.

1.14.3 **Conditional tenders shall not be accepted.**

### **1.15. Documents Establishing Goods' Eligibility and Conformity to Bidding Documents**

1.15.1 To establish the goods' eligibility, the documentary evidence of the goods and services eligibility shall consist of a statement on the country of origin of the goods and services offered which shall be confirmed by a certificate of origin at the time of shipment.

1.15.2 To establish the conformity of the goods and services to the specifications and schedule of requirements of the bidding document, the documentary evidence of conformity of the goods and services to the bidding documents may be in the form of literature, drawings and data, and shall consist of:

- (a) A detailed description of the essential technical and performance characteristics of the goods;
- (b) A list giving full particulars, including available sources and current prices, of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods during the warranty period following commencement of the use of the goods by the Purchaser in the Priced-bid; and



- (c) An item-by-item commentary on the Purchaser's Technical Specifications demonstrating substantial responsiveness of the goods and services to those specifications or a statement of deviations and exceptions to the provisions of the Technical Specifications.

- 1.15.3 For purposes of the commentary to be furnished pursuant to above, the Bidder shall note that standards for workmanship, material and equipment, designated by the Purchaser in its Technical Specifications are intended to be descriptive only and not restrictive. The Bidder may substitute these in its bid, provided that it demonstrates to the Purchaser's satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications.

#### **1.16. Bid Security**

- 1.16.1 The Bidder shall furnish, as part of its bid, a bid security (BS) for an amount as specified in the e-procurement notice.

**The copy of Bank Guarantee details should be uploaded on the e-procurement portal and the physical instrument should be available at the time of tender opening. Details of UTR No. should be uploaded on e-procurement portal in case of RTGS/NEFT and the remarks column should indicate Tender No. while remitting the amount.**

- 1.16.2 The bid security is required to protect the Purchaser against the risk of Bidder's conduct, which would warrant the security's forfeiture.
- 1.16.3 The bid security shall be in Indian Rupees. The bid security shall be in one of the following forms at the bidders' option:
- (a) A bank guarantee issued by a Nationalized/Scheduled bank/Foreign Bank operating in India in the form provided in the bidding documents and valid for 60 days beyond the validity of the bid. In case a bidder desires to submit a BG issued from a foreign bank, then the same should be confirmed by a Nationalized /Scheduled Indian bank; or
  - (b) RTGS / NEFT to account of CSIO CSIR
  - (c) Bid Securing Declaration
- 1.16.4 The bid security shall be payable promptly upon written demand by the purchaser in case the conditions listed in the ITB clause 1.16.10 are invoked.
- 1.16.5 The bid security should be submitted in its original form. Copies shall not be accepted.
- 1.16.6 The bid security of unsuccessful bidder will be discharged /returned as promptly as possible positively within a period of 30 days after the expiration of the period of bid validity or placement of order whichever is later, without any interest.
- 1.16.7 The successful Bidder's bid security will be discharged upon the Bidder furnishing the performance security, without any interest.
- 1.16.8 Bidders that are currently registered with the purchaser, registered as MSEs will continue to remain registered during the tender validity period also and are exempted from payment of EMD. In case the tenderer falls in these categories, the bidder should furnish a certified copy of its valid registration details. Except for MSEs, this exemption is valid for the trade group and monetary value of registration only. The MSEs are provided tender document free of cost and are exempted from the payment of Bid Security provided the goods are produced and the services are rendered by them and not for any trading activities undertaken

by them. Further firms who are having Udyog Aadhar Memorandum are entitled to all benefits available for MSEs under the Public Procurement Policies for MSEs and can get registered with any of the following agencies:

- a) District Industries Centre
- b) Khadi and Village Industries Commission
- c) Khadi and Village Industries Board
- d) Coir Board
- e) National Small Industries Corporation
- f) Directorate of Handicraft and handloom and
- g) Any other body specified by the Ministry of MSME

1.16.9 Where any aggregator has been appointed by the Ministry of MSME, themselves quote on behalf of some MSE units, such offers will be considered as offer from MSE units and all such facilities would be extended to these aggregators also.

1.16.10 The bid securing declaration may be enforced:

- (a) If a Bidder withdraws or amends or modifies or impairs or derogates its bid during the period of bid validity specified by the Bidder on the Bid Form; or
- (b) In case of a successful Bidder, if the Bidder fails to furnish order acceptance within 14 days of the order or fails to sign the contract and/or fails to furnish Performance Security within 21 days from the date of contract/ order.

**1.16.11 Whenever the bidder chooses to submit the Bid Security in the form of Bank Guarantee, then he should advise the banker issuing the Bank Guarantee to immediately send by Registered Post (A.D.) an unstamped duplicate copy of the Guarantee directly to the Purchaser with a covering letter to compare with the original BG for the correctness, genuineness, etc.**

### **1.17. Period of Validity of Bids**

- 1.17.1 Bids shall remain valid for minimum of 90 days after the date of bid opening prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the Purchaser as non-responsive.
- 1.17.2 In exceptional circumstances, the Purchaser may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing (or by cable, telex, fax or e-mail). The bid security provided shall also be suitably extended. A Bidder may refuse the request without forfeiting its bid security. A Bidder granting the request will not be required nor permitted to modify its bid.
- 1.17.3 Bid evaluation will be based on the bid prices without taking into consideration the above corrections.

### **1.18. Format and Signing of Bid**

- 1.18.1 The bids may be submitted in single bid or in two parts as specified in the Invitation for Bids / NIT.
- 1.18.2 The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorized to bind the Bidder to the Contract. All pages of the bid, except for un-amended printed literature, shall be initialed

by the person or persons signing the bid detailing his/her name and contact details.

- 1.18.3 Any interlineations, erasures or overwriting shall be valid only if they are initialed by the persons or persons signing the bid.

## **D SUBMISSION AND SEALING OF BIDS**

### **1.19. Submission, Sealing and Marking of Bids**

- 1.19.1 The bidders should submit their duly encrypted bids on the [www.etenders.gov.in](http://www.etenders.gov.in) before the due date and time. You are requested to go through the uploading process well in advance so as to avoid last minute hitches. **(Bids received by E-mail would not be considered for evaluation.)**

### **1.20. Deadline for Submission of Bids**

- 1.20.1 Bids must be uploaded on [www.etenders.gov.in](http://www.etenders.gov.in) against the relevant Tender-ID before the due date and time.
- 1.20.2 The Purchaser may, at its discretion, extend the deadline for submission of bids by amending the bid documents in accordance with Clause relating to Amendment of Bidding Documents in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended. Such amendments would appear as a corrigendum on [www.etenders.gov.in](http://www.etenders.gov.in) against the applicable Tender – ID.

### **1.21. Withdrawal, substitution and Modification of Bids.**

- 1.21.1 It would be governed by the standard operating procedure of the e-procurement portal.

## **E. OPENING AND EVALUATION OF BIDS**

### **1.22 Opening of Bids by the Purchaser**

- 1.22.1 The decryption of the bids would be done at the time enumerated on the e-procurement portal. In the event of the specified date of Bid opening being declared a holiday for the Purchaser, the Bids shall be opened at the appointed time and location on the next working day. In two-part bidding, the financial bid shall be opened only after technical evaluation.

### **1.23. Confidentiality**

- 1.23.1 Information relating to the examination, evaluation, comparison, and post qualification of bids, and recommendation of contract award, shall not be disclosed to other persons not officially concerned with such process until publication of the Contract Award.
- 1.23.2 Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post qualification of the bids or contract award decisions may result in the rejection of its Bid.

### **1.24. Clarification of Bids**

- 1.24.1 To assist in the examination, evaluation, comparison and post qualification of the bids, the

Purchaser may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be through e-procurement portal and no change in prices or substance of the bid shall be sought, offered or permitted. However, no negotiation shall be held except with the lowest bidder, at the discretion of the purchaser. Any clarification submitted by a bidder in respect to its bid which is not in response to a request by the purchaser shall not be considered.

#### **1.25. Preliminary Examination**

- 1.25.1 The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in ITB Clause 1.10 have been provided, and to determine the completeness of each document submitted.
- 1.25.2 The Purchaser shall confirm that the following documents and information have been provided in the Bid. If any of these documents or information is missing, the offer shall be rejected.
- (a) Bid Form and Price Schedule, in accordance with ITB Clause 1.10;
  - (b) All the tenders received will first be scrutinized to see whether the tenders meet the basic requirements as incorporated in the tender enquiry document. The tenders, who do not meet the basic requirements, are to be treated as unresponsive and ignored. The following are some of the important points, for which a tender may be declared as unresponsive and to be ignored, during the initial scrutiny:
    - (i) The Bid is unsigned.
    - (ii) The Bidder is not eligible.
    - (iii) The Bid validity is shorter than the required period.
    - (iv) The Bidder has quoted for goods manufactured by a different firm without the required authority letter from the proposed manufacturer.
    - (v) Bidder has not agreed to give the required performance security or has not furnished the bid security.
    - (vi) The goods quoted are sub-standard, not meeting the required specification, etc.
    - (vii) Against the schedule of Requirement (incorporated in the tender enquiry), the tenderer has not quoted for the entire requirement as specified in that schedule.
    - (viii) The tenderer has not agreed to some essential condition(s) incorporated in the tender enquiry.

#### **1.26 Bidder's right to question rejection.**

- 1.26.1 A Bidder shall have the right to be heard in case he feels that a proper procurement process is not being followed and/or his tender has been rejected wrongly. Only a directly affected bidder can represent in this regard as under:
- i) Only a bidder who has participated in the concerned procurement process i.e. pre-qualification, bidder registration or bidding, as the case may be, can make such representation;
  - ii) In case pre-qualification bid has been evaluated before the bidding of Technical bids, an application for review in relation to the technical bid may be filed only by a bidder who has qualified in pre-qualification bid;

- iii) In case technical bid has been evaluated before the opening of the financial bid, an application for review in relation to the financial bid may be filed only by a bidder whose technical bid is found to be acceptable.
- iv) Following decisions of the purchaser in accordance with the provision of internal guidelines shall not be subject to review:
  - a) Determination of the need for procurement;
  - b) Selection of the mode of procurement or bidding system;
  - c) Choice of selection procedure;
  - d) Provisions limiting participation of bidders in the procurement process;
  - e) The decision to enter into negotiations with the L1 bidder;
  - f) Cancellation of the procurement process except where it is intended to subsequently re-tender the same requirements;
  - g) Issues related to ambiguity in contract terms may not be taken up after a contract has been signed, all such issues should be highlighted before consummation of the contract by the vendor/contractor; and
  - h) Complaints against specifications except under the premise that they are either vague or too specific so as to limit competition may be permissible.

1.26.2 In case a Bidder feels aggrieved by the decision of the purchaser, he may then send his representation in writing to the Purchaser's address as indicated in special conditions of contract (SCC) within 05 working days from the date of communication of the purchaser intimating the rejection for reconsideration of the decision by the purchaser.

### **1.27 Responsiveness of Bids**

- 1.27.1 Prior to the detailed evaluation, the purchaser will determine the substantial responsiveness of each bid to the bidding documents. For purposes of this clause, a substantive responsive bid is one, which conforms to all terms and condition of the bidding documents without material deviations, reservations or omissions. A material deviation, reservation or omission is one that:
- (a) Affects in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or
  - (b) Limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or
  - (b) If rectified, would unfairly affect the competitive position of other bidders presenting substantially responsive bids.
- 1.27.2 The purchasers' determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.
- 1.27.3 If a bid is not substantially responsive, it will be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation or omission.

### **1.28 Non-Conformity, Error and Omission**

- 1.28.1 Provided that a Bid is substantially responsive, the Purchaser may waive any nonconformities or omissions in the Bid that do not constitute a material deviation.
- 1.28.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to

rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.

- 1.28.3 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:
- (a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;
  - (b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
  - (c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.
- 1.28.4 Provided that a bid is substantially responsive, the purchaser may request that a bidder may confirm the correctness of arithmetic errors as done by the purchaser within a target date. In case, no reply is received then the bid submitted shall be ignored and its Bid Security may be forfeited.

### **1.29 Examination of Terms & Conditions, Technical Evaluation**

- 1.29.1 The Purchaser shall examine the Bid to confirm that all terms and conditions specified in the GCC and the SCC have been accepted by the Bidder without any material deviation or reservation.
- 1.29.2 The Purchaser shall evaluate the technical aspects of the Bid submitted in accordance with ITB Clause 1.15, to confirm that all requirements specified in Schedule of Requirements of the Bidding Documents have been met without any material deviation or reservation.
- 1.29.3 In the course of evaluation CSIR-CMC would request for submission of samples for evaluation purpose keeping in mind the special nature of this tender.
- 1.29.4 If, after the examination of the terms and conditions and the technical evaluation, the Purchaser determines that the Bid is not substantially responsive in accordance with ITB Clause 1.27, it shall reject the Bid.

### **1.30 Evaluation and comparison of bids**

- 1.30.1 The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive.
- 1.30.2 To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined below. No other criteria or methodology shall be permitted.
- 1.30.3 Purchase preference shall be given to all 'Class-I local suppliers' in all procurements undertaken by the purchaser in the following manner:

- (i) ~~Among all qualified bids, the lowest bid will be termed as L1. If L1 is from a 'Class-I local supplier', the contract for full quantity will be awarded to L1.~~
- (ii) ~~If L1 bid is not a 'Class-I local supplier, 50% of the order quantity shall be awarded to L1. Thereafter, the lowest bidder among the 'Class-I local supplier' will be invited to match the L1 price for the remaining 50% quantity subject to the Class I local supplier's quoted price falling within the margin of purchase preference, and contract for that quantity shall be awarded to such 'Class I local supplier' subject to matching the L1 price. In case such lowest eligible 'Class I local supplier' fails to match the L1 price or accepts less than the offered quantity, the next higher 'Class-I local supplier' within the margin of purchase preference shall be awarded accordingly. In case some quantity is still left uncovered on Class I local suppliers, then such balance quantity may also be ordered on the L1 bidder.~~
- (iii) In the procurements of goods which are not divisible in nature the Class-I local supplier shall get purchase preference over 'Class-II local supplier' as per following procedure:
- Among all qualified bids, the lowest bid will be termed as L1. If L1 is from a Class-I local supplier, the contract will be awarded to L1.
  - If L1 is not from a 'Class-I local supplier', the lowest bidder among the 'Class-I local suppliers, will be invited to match the L1 price subject to Class-I local supplier's quoted price falling within the margin of purchase preference and the contract shall be awarded to such 'Class-I local supplier' subject to matching the L1 price.
  - In case such lowest eligible 'Class-I local supplier' fails to match the L1 price, the Class-I local supplier with the next higher bid within the margin of purchase preference shall be invited to match the L1 price and so on and contract shall be awarded accordingly. In case none of the 'Class-I local suppliers' within the margin of purchase preference matches the L1 price, then the contract may be awarded to the L1 bidder 'Class-II local supplier'.
  - 'Class-II local supplier' will not get purchase preference in any procurement undertaken by the procuring entity.

1.30.4 ~~Further, In tender, where the items are divisible, the participating Micro and Small Enterprises (MSE) quoting price within price band of L1+15 (fifteen) per cent shall also be allowed to supply a portion of requirement by bringing down their price to L1 price in a situation where L1 price is from someone other than a MSE and such MSE shall be allowed to supply up to 25 (twenty five) per cent of total tendered value. The 25 (twenty five) per cent quantity is to be distributed proportionately among these bidders, in case there are more than one MSMEs within such price band.~~

1.30.5 ~~Within this 25% (Twenty five Percent) quantity, a purchase preference of 25 (twenty five) per cent out of 25 (twenty five) per cent) is reserved for MSEs owned by Scheduled Caste (SC)/Scheduled Tribe (ST) entrepreneurs (if they participate in the tender process and match the L1 price). Further, out of the total annual procurement from the MSEs, (3%) three percent from within the~~



~~25% target shall be earmarked for procurement from MSEs owned by women. Provided that, in the event of failure of such SC/ST MSE to participate in tender process or meet tender requirements and L1 price, four per cent sub target shall be met from other MSE.~~

- 1.30.6 In case the items are not divisible, then the MSE quoting price within price band L1 + 15% may be awarded for full/complete supply of total tendered quantity to MSE, considering the spirit of the policy for enhancing the Government procurement from MSEs.

**A MSE firm will be preferred over a non-MSE Class 1 Local supplier and Class 2 Local supplier. The preference is subject to meeting the technical specification, being in the preference range as indicated above and matching the price of L1.**

- 1.30.7 The bids shall be evaluated on the basis of final landing cost which shall be arrived as under:
- i. The price of the goods quoted FOR destination CSIR – CMC stores including all taxes already paid.
  - ii. Packing & Forwarding, Insurance and Transportation charges
  - iii. Installation and training charges
- 1.30.8 The invitation to bid shall specify the mode of transport i.e., whether by air/road/rail.
- 1.30.9 There is no provision to purchase optional items. The specifications embodied in the tender documents would be the basis of evaluating the responsiveness of bids received.
- 1.30.10 The Purchaser shall compare all substantially responsive bids to determine the lowest valued bid, in accordance with ITB Clause 1.31.

### **1.31 Contacting the Purchaser**

- 1.31.1 Subject to ITB Clause 1.24, no Bidder shall contact the Purchaser on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded.
- 1.31.2 Any effort by a Bidder to influence the Purchaser in its decisions on bid evaluation, bid comparison or contract award may result in rejection of the Bidder's bid.

### **1.32 Post qualification**

- 1.32.1 In the absence of pre-qualification, the Purchaser will determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated responsive bid is qualified to perform the contract satisfactorily, in accordance with the criteria listed in ITB Clause 1.14.
- 1.32.2 The determination will take into account the eligibility criteria listed in the bidding documents and will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, as well as such other information as the Purchaser deems necessary and appropriate.
- 1.32.3 An affirmative determination will be a prerequisite for award of the contract to the Bidder. A negative determination will result in rejection of the Bidder's bid.



## **F. AWARD OF CONTRACT**

### **1.33 Negotiations**

- 1.33.1 Normally, there shall not be any negotiation. Negotiations, if at all, shall be an exception and only in the case of items with limited source of supply. Negotiations shall be held with the lowest evaluated responsive bidder. Counter offers tantamount to negotiations and shall be treated at par with negotiations in the case of one-time purchases.

### **1.34 Award Criteria**

- 1.34.1 Subject to ITB Clause 1.38, the Purchaser will award the contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined to be the lowest evaluated bid, provided further that the Bidder is determined to be qualified to perform the contract satisfactorily. The details of the award would be hosted on the website of the Purchaser.

### **1.35 Purchaser's right to vary Quantities at Time of Award**

- 1.35.1 The Purchaser reserves the right at the time of Contract award to increase or decrease the quantity of goods and services originally specified in the Schedule of Requirements to the extent of 25% without any change in unit price or other terms and conditions.

### **1.36 Option Clause**

- 1.36.1 The Purchaser reserves the right to increase or decrease the quantity of the required goods up to 25% (Twenty-Five) per cent at any time, till final delivery date (or the extended delivery date of the contract), by giving reasonable notice even though the quantity ordered initially has been supplied in full before the last date of the delivery period (or the extended delivery period)

### **1.37 Purchaser's right to accept Any Bid and to reject any or All Bids**

- 1.37.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder or Bidders.

### **1.38 Notification of Award**

- 1.38.1 Prior to the expiration of the period of bid validity, the Purchaser will notify the successful bidder in writing by registered letter or by cable or telex or fax or e mail that the bid has been accepted and a separate purchase order shall follow through post.
- 1.38.2 Until a formal contract is prepared and executed, the notification of award should constitute a binding contract.
- 1.38.3 Upon the successful Bidder's furnishing of the signed Contract Form and performance security pursuant to ITB Clause 1.42, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security.

### **1.39 Signing of Contract**

- 1.39.1 Promptly after notification, the Purchaser shall send the successful Bidder the Agreement/Purchase Order.

- 1.39.2 Within twenty-one (21) days of date of the Agreement, the successful Bidder shall sign, date, and return it to the Purchaser.

#### **1.40 Order Acceptance**

- 1.40.1 The successful bidder should submit Order acceptance within 14 days from the date of issue, failing which it shall be presumed that the vendor is not interested and his bid security is liable to be forfeited pursuant to clause 1.16.9 of ITB.
- 1.40.2 The order confirmation must be received within 14 days. However, the Purchaser has the powers to extend the time frame for submission of order confirmation beyond the original date. Even after extension of time, if the order confirmation is not received, the contract is liable to be cancelled provided that the purchaser, on being satisfied that it is not a case of cartelization and the integrity of the procurement process has been maintained, may, for cogent reasons, offer the next successful bidder an opportunity to match the financial bid of the first successful bidder, and if the offer is accepted, award the contract to the next successful bidder at the price bid of the first successful bidder.

#### **1.41 Performance Security**

- 1.41.1 Within 21 days of receipt of the notification of award/PO, the Supplier shall furnish performance security (PS) in the amount specified in SCC, valid till 60 days after the warranty period.
- 1.41.2 The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
- 1.41.3 The Performance Security shall be denominated in Indian Rupees for the offers received for supplies within India and denominated in the currency of the contract in the case of offers received for supply from foreign countries or in equivalent Indian rupees in case the performance security is submitted by the Indian Agent.
- 1.41.4 In the case of imports, the PS may be submitted either by the principal or by the Indian agent and, in the case of purchases from indigenous sources, the PS may be submitted by either the manufacturer or their authorized dealer/bidder.
- 1.41.5 The Performance security shall be in one of the following forms:
- (a) A Bank guarantee or stand-by Letter of Credit issued by a Nationalized/ Scheduled bank located in India or a Foreign bank with preferably its operating branch in India in the form provided in the bidding documents. Or
  - (b) RTGS / NEFT in favor of CSIO CSIR
- 1.41.6 The performance security will be discharged by the Purchaser and returned to the Supplier not later than 60 days following the date of completion of the Supplier's performance obligations, including any warranty obligations, unless specified otherwise in SCC, without levy of any interest.
- 1.41.7 In the event of any contract amendment, the supplier shall, within 21 days of receipt of such amendment, furnish the amendment to the performance security, rendering the same valid for the duration of the contract, as amended for further period of 60 days thereafter.

1.41.8 The performance security must be received within 21 days. However, the Purchaser has the powers to extend the time frame for submission of Performance Security (PS). Even after extension of time, if the PS is not received, the contract is liable to be cancelled provided that the purchaser, on being satisfied that it is not a case of cartelization and the integrity of the procurement process has been maintained, may, for cogent reasons, offer the next successful bidder an opportunity to match the financial bid of the first successful bidder, and if the offer is accepted, award the contract to the next successful bidder at the price bid of the first successful bidder.

**1.41.9 Whenever, the bidder chooses to submit the Performance Security in the form of Bank Guarantee, then he should advise the banker issuing the Bank Guarantee to immediately send by Registered Post (A.D.) an unstamped duplicate copy of the Guarantee directly to the Purchaser with a covering letter to compare with the original BG for the correctness, genuineness, etc.**

#### **1.42 Pre-Bid Conference (PBC) – Not Applicable**

1.42.1 A Pre-bid Conference shall be held as indicated in invitation to bid, if any. All prospective bidders are requested to kindly attend the Pre-bid Conference. In order to facilitate the purchaser the proper conduct of the Pre-bid Conference, all prospective bidders are requested to kindly submit their queries on [www.etenders.gov.in](http://www.etenders.gov.in) under the applicable Tender ID so as to reach the purchaser before the pre-bid conference as indicated in invitation to bid. The purchaser shall answer the queries during the pre-bid conference, which would become a part of the proceedings of the Pre-bid Conference.

The proceeding of the Pre Bid Conference would be hosted on the website of the purchaser and on [www.etenders.gov.in](http://www.etenders.gov.in) under the relevant tender-id. Before formulating and submitting their bids, all prospective bidders are advised to surf through the purchaser's website and [www.etenders.gov.in](http://www.etenders.gov.in) after the Pre-bid Conference, in order to enable them take cognizance of the revised tender conditions.

#### **1.43 Integrity Pact**

1.43.1 Integrity Pact binds both buyers and sellers to ethical conduct and transparency in all activities from pre-selection of bidders, bidding and contracting, implementation, completion and operation related to the contract.

1.43.2 The Integrity pact essentially envisages an agreement between the prospective vendors/bidders and the buyer, committing the persons/officials of both sides, not to resort to any corrupt practices in any aspect/stage of the contract. Only those vendors/bidders, who commit themselves to such a Pact with the buyer, would be considered competent to participate in the bidding process. In other words, entering into this Pact would be a preliminary qualification. The essential ingredients of the Pact include:

- i) Promise on the part of the Purchaser to treat all bidders with equity and reason and not to seek or accept any benefit, which is not legally available;
- ii) Promise on the part of bidders not to offer any benefit to the employees of the Purchaser not available legally and also not to commit any offence under Prevention of Corruption Act, 1988 or Indian Penal Code 1860;

- iii) Promise on the part of bidders not to enter into any undisclosed agreement or understanding with other bidders with respect to prices, specifications, certifications, subsidiary contracts; etc.
- iv) Undertaking (as part of Fall Clause) by the bidders that they have not and will not sell the same material/equipment at prices lower than the bid price;
- iv) Foreign bidders to disclose the name and address of agents and representatives in India and Indian Bidders to disclose their foreign principals or associates;
- v) Bidders to disclose the payments to be made by them to agents/brokers or any other intermediary;
- vi) Bidders to disclose any past transgressions committed over the specified period with any other company in India or Abroad that may impinge on the anti-corruption principle;
- vii) Integrity Pact lays down the punitive actions for any violation.

1.43.3 Each page of such Integrity pact proforma would be duly signed by Purchaser's competent signatory. All pages of the Integrity Pact are to be returned by the bidder (along with the technical bid) duly signed by the same signatory who signed the bid, i.e. who is duly authorized to sign the bid and to make binding commitments on behalf of his company. Any bid not accompanied by Integrity Pact duly signed by the bidder shall be considered to be a non-responsive bid and shall be rejected straightway.

1.43.4 The SCC shall specify whether there is a need to enter into a separate Integrity pact or not.

1.43.5 The Integrity Pact would be effective from the date of invitation of bids till complete execution of the contract.

1.43.6 The names and contact details of the Independent External Monitors (IEM) on the event of the need of IP is as detailed in the SCC.

1.43.7 The modal format of IP is at Chapter-7.

**GENERAL CONDITIONS OF CONTRACT (GCC)****Contents of Chapter 2**

<b>Sl. No.</b>	<b>Clause</b>
2.1.	Definitions
2.2.	Contract Documents
2.3.	Code of Integrity
2.4.	Joint Venture, Consortium or Association
2.5.	Scope of Supply
2.6.	Suppliers' Responsibilities
2.7.	Contract price
2.8.	Copy Right
2.9.	Application
2.10.	Standards
2.11.	Use of Contract Documents and Information
2.12.	Patent Indemnity
2.13.	Performance Security
2.14.	Inspections and Tests
2.15.	Packing
2.16.	Delivery and Documents
2.17.	Insurance
2.18.	Transportation
2.19.	Incidental Services
2.20.	Spare Parts
2.21.	Warranty
2.22.	Terms of Payment
2.23.	Change Orders and Contract Amendments
2.24.	Assignment
2.25.	Subcontracts
2.26.	Extension of time
2.27.	Liquidated Damages Clause
2.28.	Termination for Default
2.29.	Force Majeure
2.30.	Termination for insolvency
2.31.	Termination for Convenience
2.32.	Settlement of Disputes
2.33.	Governing Language
2.34.	Applicable Law
2.35.	Notice
2.36.	Taxes and Duties
2.37.	Right to use Defective Goods
2.38.	Protection against Damage
2.39.	Site preparation and installation
2.40.	Import and Export Licenses
2.41.	Risk Purchase Clause
2.42.	Option Clause
2.43.	Integrity Pact
2.44.	Order Acceptance
2.45.	Purchase Preference

## **2.1 Definitions**

2.1.1 The following words and expressions shall have the meanings hereby assigned to them:

- (a) “Contract” means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.
- (b) “Contract Documents” means the documents listed in the Contract Agreement, including any amendments thereto.
- (c) “Contract Price” means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions therefrom, as may be made pursuant to the Contract.
- (d) “Day” means calendar day.
- (e) “Completion” means the fulfillment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.
- (f) “GCC” means the General Conditions of Contract.
- (g) “Goods” means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.
- (h) “Related Services” means the services incidental to the supply of the goods, such as transportation, insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.
- (i) “SCC” means the Special Conditions of Contract.
- (j) “Subcontractor” means any natural person, private or government entity, or a combination of the above, to whom any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.
- (k) “Supplier” means the natural person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.
- (l) “Local content” means the amount of value added in India which shall, unless otherwise prescribed by the Nodal Ministry, be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value, in percent.
- (m) “Local supplier” means a supplier or service provider whose product or service offered for procurement meets the minimum local content as prescribed under this order or by the competent Ministries / Departments in pursuance of this order.
- (n) “Margin of purchase preference” means the maximum extent to which the price quoted by a local supplier may be above the L1 for the purpose of purchase preference.
- (o) The “Council” means the Council of Scientific & Industrial Research (CSIR), registered under the Societies Registration Act, 1860 of the Govt. of India having its registered office at 2, Rafi Marg, New Delhi-110001, India and the “Purchaser” means Controller of Stores & Purchase, on behalf of the Co-ordinating Director, CSIR Madras, Taramani, Chennai – 600113, INDIA as specified in SCC.

- (p) “The final destination,” where applicable, means the place named in the SCC.
- (q) e-procurement portal would mean [www.etenders.gov.in](http://www.etenders.gov.in)
- (o) For definitions regarding terms in Make in India please refer to order no P-45021/2/2017-PP (BE-II) dated 16.09.2020 by Ministry of Commerce and Industry, Government of India and any amendment / revisions thereof.
- (p) For definitions regarding terms in MSE refer MSE order 2012 and amendments and revisions thereof.
- (q) For registration of bidders quoting for products from countries that share land border with India refer to Order No.P-45021/112/2020-PP(BE-II)(E-43780) dated 24.08.2020 of Ministry of Commerce and Industry, Department for Promotion of Industry and Internal Trade and any amendments thereon.

## **2.2 Contract Documents**

- 2.2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.

## **2.3 Code of Integrity**

- 2.3.1 Without prejudice to and in addition to the rights of the Purchaser to other penal provisions as per the bids documents or contract, if the purchaser comes to a conclusion that a (prospective) bidder/supplier, directly or through an agent, has violated this code of integrity in competing for the contract or in executing a contract, the Purchaser may take appropriate measures including one or more of the following:

- a) Cancellation of the relevant contract and recovery of compensation for loss incurred by the purchaser;
- b) Forfeiture or encashment of any other security or bond relating to the procurement;
- c) Recovery of payments including advance payments, if any, made by the Purchaser along with interest thereon at the prevailing rate.
- d) Provisions in addition to above:
  - 1) Removal from the list of registered suppliers and banning/debarment of the bidder from participation in future procurements of the purchaser for a period not less than one year;
  - 2) In case of anti-competitive practices, information for further processing may be filed under a signature of the Joint Secretary level officer, with the Competition Commission of India;
  - 3) Initiation of suitable disciplinary or criminal proceedings against any individual or staff found responsible

## **2.4 Joint Venture, Consortium or Association**

- 2.4.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint



venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.

## **2.5**     **Scope of Supply**

- 2.5.1     The Goods and Related Services to be supplied shall be as specified in Chapter 4 i.e. Specifications and allied technical details.

## **2.6**     **Suppliers' Responsibilities**

- 2.6.1     The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with Scope of Supply Clause of the                    GCC, and the Delivery and Completion Schedule, as per GCC Clause                    relating to delivery and document.

## **2.7**     **Contract price**

- 2.7.1     Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid.

## **2.8**     **Copy Right**

- 2.8.1     The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party.

## **2.9**     **Application**

- 2.9.1     These General Conditions shall apply to the extent that they are not superseded by provisions in other parts of the Contract.

## **2.10**    **Standards**

- 2.10.1    The Goods supplied and services rendered under this Contract shall conform to the standards mentioned in the Technical Specifications and, and, when no applicable standard is mentioned, to the authoritative standard appropriate to the Goods' country of origin and such standards shall be the latest issued by the concerned institution.

## **2.11**    **Use of Contract Documents and Information**

- 2.11.1    The Supplier shall not, without the Purchaser's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of the Purchaser in connection therewith, to any person other than a person employed by the Supplier in performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only                    so far, as may be necessary for purposes of such performance.
- 2.11.2    The Supplier shall not, without the Purchaser's prior written consent, make use of any document or information enumerated above except for purposes of performing the Contract.



- 2.11.3 Any document, other than the Contract itself, enumerated above shall remain the property of the Purchaser and shall be returned (in all copies) to the Purchaser on completion of the Supplier's performance under the Contract if so required by the Purchaser.

## **2.12 Patent Indemnity**

- 2.12.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 2.12.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:
- (a) The installation of the Goods by the Supplier or the use of the Goods in India; and
  - (b) The sale in any country of the products produced by the Goods.
- 2.12.2 If any proceedings are brought or any claim is made against the Purchaser, the Purchaser shall promptly give the Supplier a notice thereof and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claims.

## **2.13 Performance Security**

- 2.13.1 Within 21 days of receipt of the notification of award/PO, the Supplier shall furnish performance security in the amount specified in SCC, valid till 60 days after the warranty period.
- 2.13.2 The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
- 2.13.3 The Performance Security shall be denominated in Indian Rupees for the offers received for supplies within India and denominated in the currency of the contract in the case of offers received for supply from foreign countries or in equivalent Indian Rupees in case the Performance Security is submitted by the Indian Agent.
- 2.13.4 In the case of imports, the PS may be submitted either by the principal or by the Indian agent and, in the case of purchases from indigenous sources, the PS may be submitted by either the manufacturer or their authorized dealer/bidder.
- 2.13.5 The Performance security shall be in one of the following forms:
- (a) A Bank guarantee or stand-by Letter of Credit issued by a Nationalized/Scheduled bank located in India or a bank located abroad in the form provided in the bidding documents.
  - (Or)
  - (b) NEFT / RTGS to the account of CSIO CSIR
- 2.13.6 The performance security will be discharged by the Purchaser and returned to the Supplier not later than 60 days following the date of completion of the Supplier's performance obligations, including any warranty obligations, unless specified otherwise in SCC, without levy of any interest.

- 2.13.7 In the event of any contract amendment, the supplier shall, within 21 days of receipt of such amendment, furnish the amendment to the performance security, rendering the same valid for the duration of the contract, as amended for further period of 60 days thereafter.
- 2.13.8 The order confirmation must be received within 14 days. However, the Purchaser has the powers to extend the time frame for submission of order confirmation and submission of Performance Security (PS). Even after extension of time, if the order confirmation /PS are not received, the contract shall be cancelled provided that the purchaser, on being satisfied that it is not a case of cartelization and the integrity of the procurement process has been maintained, may, for cogent reasons, offer the next successful bidder an opportunity to match the financial bid of the first successful bidder, and if the offer is accepted, award the contract to the next successful bidder at the price bid of the first successful bidder.
- 2.13.9 Whenever, the bidder chooses to submit the Performance Security in the form of Bank Guarantee, and then he should advise the banker issuing the Bank Guarantee to immediately send by Registered Post (A.D.) an unstamped duplicate copy of the Guarantee directly to the Purchaser with a covering letter to compare with the original BG for the correctness, genuineness, etc.**

#### **2.14 Inspections and Tests**

- 2.14.1 The inspections & test, training required would be as detailed in Chapter-4 of the Bidding Document relating to Specification and Allied Technical details.

#### **2.15 Packing**

- 2.15.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.
- 2.15.2 The packing, marking and documentation within and outside the packages shall comply strictly with such special requirements as shall be provided for in the Contract including additional requirements, if any, specified in SCC and in any subsequent instructions ordered by the Purchaser.

#### **2.16 Delivery and Documents**

- 2.16.1 Delivery of the Goods and completion and related services shall be made by the Supplier in accordance with the terms specified by the Purchaser in the contract. The details of shipping and/or other documents to be furnished by the supplier are specified in SCC.
- 2.16.2 The mode of transportation shall be as specified in SCC. In case the purchaser elects to have the transportation done through Air, then air lifting needs to be done through Air India only. In case Air India does not operate in the Airport of dispatch, then the bidder is free to engage the services of any other Airlines.

## **2.17 Insurance**

- 2.17.1 Should the purchaser elect to buy on FOR destination basis, the Goods supplied under the Contract shall be fully insured against any loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified in SCC.
- 2.17.2 Where delivery of the goods is required by the purchaser on FOR destination basis the supplier shall arrange and pay for Cargo Insurance, naming the purchaser as beneficiary and initiate & pursue claims till settlement, on the event of any loss or damage.
- 2.17.3 Where delivery is on ex-works basis, responsibility of insurance would be mutually decided depending on the tender terms.
- 2.17.4 With a view to ensure that claims on insurance companies, if any, are lodged in time, the bidders and /or the Indian agent shall be responsible for follow up with their principals for ascertaining the dispatch details and informing the same to the Purchaser and he shall also liaise with the Purchaser to ascertain the arrival of the consignment after clearance so that immediately thereafter in his presence the consignment could be opened and the insurance claim be lodged, if required, without any loss of time. Any delay on the part of the bidder/Indian Agent would be viewed seriously and he shall be directly responsible for any loss sustained by the purchaser on the event of the delay.

## **2.18 Transportation**

- 2.18.1 ~~Where the Supplier is required under the Contract to deliver the Goods FOB, transport of the Goods, up to and including the point of putting the Goods on board the vessel at the specified port of loading, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract price. Where the Supplier is required under the Contract to deliver the Goods FCA, transport of the Goods and delivery into the custody of the carrier at the place named by the Purchaser or other agreed point shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract price.~~
- 2.18.2 ~~Where the Supplier is required under the Contract to deliver the Goods CIF or CIP, transport of the Goods to the port of destination or such other named place of destination in the Purchaser's country, as shall be specified in the Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.~~
- 2.18.3 The Supplier is required under the Contract to transport the Goods to a specified destination in India, defined as the Final Destination, transport to such destination, including insurance and storage, as specified in the Contract, shall be arranged by the Supplier, and the related costs shall be included in the Contract Price.

## **2.19 Incidental Services**

- 2.19.1 The supplier may be required to provide any or all of the services, including training, if any, specified in Chapter 4.

## **2.20 Spare Parts**

- 2.20.1 The Supplier shall be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:

- (a) Such spare parts as the Purchaser may elect to purchase from the Supplier, providing that this election shall not relieve the Supplier of any warranty obligations under the Contract; and
- (b) In the event of termination of production of the spare parts:
  - (i) Advance notification to the Purchaser of the pending termination, in sufficient time to permit the Purchaser to procure needed requirements; and
  - (ii) Following such termination, furnishing at no cost to the Purchaser, the blueprints, drawings and specifications of the spare parts, if requested.

## **2.21 Warranty**

- 2.21.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.
- 2.21.2 The Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in India.
- 2.21.3 Unless otherwise specified in; the SCC the warranty shall remain valid for Twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for eighteen (18) months after the date of shipment from the port of place of loading in the country of origin, whichever period concludes earlier.
- 2.21.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.
- 2.21.5 Upon receipt of such notice, the Supplier shall, within a reasonable period of time, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.
- 2.21.6 If having been notified, the Supplier fails to remedy the defect within reasonable period of time; the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.
- 2.21.7 Goods requiring warranty replacements must be replaced on free of cost basis to the purchaser if the warranty replacement are to be imported it should be supplied on DDP basis.

## **2.22 Terms of Payment**

- 2.22.1 The method and conditions of payment to be made to the Supplier under this Contract shall be as specified in the SCC.
- 2.22.2 The Supplier's request(s) for payment shall be made to the Purchaser in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and the Services performed, and by documents, submitted pursuant to Delivery and document Clause of the GCC and upon fulfillment of other obligations stipulated in the contract.

- 2.22.3 Payments shall be made promptly by the Purchaser but in no case later than thirty (30) days after submission of the invoice or claim by the Supplier. While claiming the payment,
- 2.22.4 Payment shall be made in currency as indicated in the contract.

### **2.23 Change Orders and Contract Amendments**

- 2.23.1 The Purchaser may at any time, by written order given to the Supplier pursuant to Clause on Notices of the GCC make changes within the general scope of the Contract in any one or more of the following:
- (a) Increase or decrease in the quantity required, exercise of quantity opinion clause;
  - (b) Changes in schedule of deliveries and terms of delivery;
  - (c) The changes in inspection arrangements;
  - (d) Changes in terms of payments and statutory levies;
  - (e) Changes due to any other situation not anticipated;
- 2.23.2 No changes in the price quoted shall be permitted after the purchase order has been issued except on account of statutory variations.
- 2.23.3 No variation or modification in the terms of the contract shall be made except by written amendment signed by the parties.

### **2.24 Assignment**

- 2.24.1 The Supplier shall not assign, in whole or in part, its obligations to perform under the Contract, except with the Purchaser's prior written consent.

### **2.25 Subcontracts**

- 2.25.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under this Contract if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the Supplier from any liability or duties or obligation under the Contract. The sub-contracts should also be in consonance with the land border regulations as specified in the tender.

### **2.26 Extension of time.**

- 2.26.1 Delivery of the Goods and performance of the Services shall be made by the Supplier in accordance with the time schedule specified by the Purchaser.
- 2.26.2 If at any time during performance of the Contract, the Supplier or its sub-contractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may, at its discretion, extend the Supplier's time for performance with or without penalty, in which case the extension shall be ratified by the parties by amendment of the Contract.
- 2.26.3 Except as provided under the Force Majeure clause of the GCC, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of penalty pursuant to Penalty Clause of the GCC unless an extension of time is agreed upon pursuant to above clause without the application of penalty clause.

## **2.27 Liquidated Damages**

- 2.27.1 Subject to GCC Clause on Force Majeure, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as penalty, a sum equivalent to the percentage specified in SCC of the delivered price of the delayed Goods or unperformed Services or contract value for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the Percentage specified in SCC. Once the maximum is reached, the Purchaser may consider termination of the Contract pursuant to GCC Clause on Termination for Default.

## **2.28 Termination for Default**

- 2.28.1 The Purchaser may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Supplier, terminate the Contract in whole or part
- (a) If the Supplier fails to deliver any or all of the Goods within the period(s) specified in the contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause on Extension of Time; or
  - (b) If the Supplier fails to perform any other obligation(s) under the Contract.
  - (c) If the Supplier, in the judgment of the Purchaser has engaged in corrupt or fraudulent or collusive or coercive practices as defined in GCC Clause and ITB clause on code of integrity in competing for or in executing the Contract.
- 2.28.2 In the event the purchaser terminates the contract in whole or in part, he may take recourse to any one or more of the following action:
- (a) The Performance Security is to be forfeited;
  - (b) The purchaser may procure, upon such terms and in such manner as it deems appropriate, stores similar to those undelivered, and the supplier shall be liable for all available actions against it in terms of the contract.
  - (c) However, the supplier shall continue to perform the contract to the extent not terminated.

## **2.29 Force Majeure**

- 2.29.1 Notwithstanding the provisions of GCC Clauses relating to extension of time, penalty and Termination for Default the Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- 2.29.2 For purposes of this Clause, “Force Majeure” means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- 2.29.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof within 21 days of its occurrence. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform



its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

- 2.29.4 If the performance in whole or in part or any obligations under the contract is prevented or delayed by any reason of Force Majeure for a period exceeding 60 days, either party may at its option terminate the contract without any financial repercussions on either side.

### **2.30 Termination for Insolvency**

- 2.30.1 The Purchaser may at any time terminate the Contract by giving written notice to the Supplier, if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy, which has accrued or will accrue thereafter to the Purchaser.

### **2.31 Termination for Convenience**

- 2.31.1 The Purchaser, by written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.
- 2.31.2 The Goods that are complete and ready for shipment within 30 days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:
- (a) To have any portion completed and delivered at the Contract terms and prices; and/or
  - (b) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and for materials and parts previously procured by the Supplier.

### **2.32 Settlement of Disputes**

- 2.32.1 The Purchaser and the supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.
- 2.32.2 If, after Twenty-One (21) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract.
- 2.32.3 The dispute settlement mechanism/arbitration proceedings shall be concluded as under:
- (a) In case of Dispute or difference arising between the Purchaser and a domestic supplier relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Indian Arbitration & Conciliation Act, 1996, the rules there under and any statutory modifications or re-enactments thereof shall apply to the arbitration proceedings. The dispute shall be referred to the Delhi International Arbitration Centre (DIAC), Delhi High Court, New Delhi. The award of the arbitrator so appointed shall be final, conclusive and binding on all parties to this order.

- (b) In the case of a dispute between the purchaser and a Foreign Supplier, the dispute shall be settled by arbitration In accordance with provision of sub-clause (a) above. But if this is not acceptable to the supplier then the dispute shall be settled in accordance with provisions of UNCITRAL (United Nations Commission on International Trade Law) Arbitration Rules.

2.32.4 The venue of the arbitration shall be the place from where the purchase order or contract is issued.

2.32.5 notwithstanding any reference to arbitration herein,

- (a) The parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and
- (b) The Purchaser shall pay the Supplier any monies due the Supplier.

### **2.33 Governing Language**

2.33.1 The contract shall be written in English language which shall govern its interpretation. All correspondence and other documents pertaining to the Contract, which are exchanged by the parties, shall be written in the English language only.

### **2.34 Applicable Law**

2.34.1 The Contract shall be interpreted in accordance with the laws of the Union of India and all disputes shall be subject to place of jurisdiction as specified in SCC.

### **2.35 Notice**

2.35.1 Any notice given by one party to the other pursuant to this contract/order shall be sent to the other party in writing or by cable, telex, FAX, e-mail or and confirmed in writing to the other party's address specified in the SCC.

2.35.2 A notice shall be effective when delivered or on the notice's effective date, which ever is later.

### **2.36 Taxes and Duties**

2.36.1 For goods manufactured outside India, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed.

2.36.2 The Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred till its final manufacture/production.

2.36.3 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in India, the Purchaser shall make its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.

2.36.4 **All payments due under the contract shall be paid after deduction of statutory levies (at source) (like ESIC, IT, etc.) (TDS on GST) wherever applicable.**

2.36.5 ~~**GST**— If the supply is within India, this institute is eligible for concessional GST as per Notification No.45/2017 & 47/2017 dt 14.11.2017 by Ministry of Finance.~~



### **2.37 Right to use Defective Goods**

- 2.37.1 If after delivery, acceptance and installation and within the guarantee and warranty period, the operation or use of the goods proves to be unsatisfactory, the Purchaser shall have the right to continue to operate or use such goods until rectifications of defects, errors or omissions by repair or by partial or complete replacement is made without interfering with the Purchaser's operation.

### **2.38 Protection against Damage**

- 2.38.1 The system shall not be prone to damage during power failures and trip outs. The normal voltage and frequency conditions available at site as under:
- (a) Voltage 230 volts – Single phase/ 415 V 3 phase ( $\pm 10\%$ )
  - (b) Frequency 50 Hz.

### **2.39 Site preparation and installation**

- 2.39.1 The Purchaser is solely responsible for the construction of the equipment sites in compliance with the technical and environmental specifications defined by the Supplier. The Purchaser will designate the installation sites before the scheduled installation date to allow the Supplier to perform a site inspection to verify the appropriateness of the sites before the installation of the Equipment, if required. The supplier shall inform the purchaser about the site preparation, if any, needed for installation, of the goods at the Purchaser's site immediately after notification of award/contract.

### **2.40 Import and Export Licenses**

- ~~2.40.1 If the ordered materials are covered under restricted category of EXIM policy in India the Vendor / Agent may intimate such information for obtaining a necessary license in India.~~
- ~~2.40.2 If the ordered equipment is subject to Vendor procuring an export license from the designated government agency / country from where the goods are shipped /sold, the vendor has to mention the name, address of the government agency / authority. The vendor must also mention the time period within which the license will be granted in normal course.~~

### **2.41 Risk Purchase Clause**

- 2.41.1 If the supplier fails to deliver the goods within the maximum delivery period specified in the Purchase Order, CMC may procure, upon such terms and in such a manner as it deems appropriate, Goods or Services similar to those undelivered and the Supplier be liable to CMC for any excess costs incurred for such similar goods or services.

### **2.42 Option Clause**

- 2.42.1 The Purchaser reserves the right to increase or decrease the quantity of the required goods up to 25% (Twenty-Five) per cent at any time, till final delivery date (or the extended delivery date of the contract), by giving reasonable notice even though the quantity ordered initially has been supplied in full before the last date of the delivery period (or the extended delivery period)

## **2.43 Integrity Pact**

- 2.43.1 The SCC shall specify whether there is a need to enter into a separate Integrity pact or not.
- 2.43.2 The names and contact details of the Independent External Monitors (IEM) on the event of the need of IP is as detailed in the SCC.

## **2.44 Order Acceptance**

- 2.44.1 The successful bidder should submit Order acceptance within 14 days from the date of issue of order/signing of contract, failing which it shall be presumed that the vendor is not interested and his bid security is liable to be forfeited pursuant to clause 1.16.9 of ITB.

## **2.45 Purchase Preference**

- 2.45.1 The purchaser intends to give product reservation/purchase preference/price preference in line with current Govt. of India procurement policies to help inclusive national economic growth by providing long term support to small and medium enterprises and disadvantaged sections of the society and to address environmental concerns along with preferential market access in govt. procurements under Preference to Make in India Order 2017. Bidders desirous of submitting of their bids in accordance with the Make in India Policy of GOI must submit an Affidavit of self-certification regarding minimum local content as per the format enclosed with the bidding documents.

### CHAPTER 3

#### SCHEDULE OF REQUIREMENT

(To be filled by the bidder and enclosed with the Technical Bid.)

Sl. No.	Brief Description of goods and services	Quantity	Physical Unit	Final destination/ Place	Delivery Schedule (to be filled by the bidder)

Term of delivery :

FOR Destination : .....

Period of delivery shall count from : .....  
(to be filled by the bidder)

Scope of Supply : .....

Standards : .....

Date : .....

Place : .....

**Signature of the Bidder**

**PS:** Authorization standards that ensure at least a equivalent quality than the standard mentioned in the Technical Specification, will also be acceptable.

## CHAPTER 4

### ELIGIBILITY CONDITIONS, SPECIFICATIONS AND ALLIED TECHNICAL DETAILS

#### **4.1 Eligibility Conditions for Supply of *Environment Test Chamber System***

##### **Minimum Eligibility Criteria for Supply of *Environment Test Chamber System***

**Format for declaration by the Bidder for Code of Integrity & conflict of interest (Annexure II) (.pdf)**

- ❖ **Format for Affidavit of Self Certification regarding Local Content (Annexure XIII) (.pdf)**
- ❖ **Certificate with regard to the bidder not having a land border with India (Annexure XIV or Certificate with regard to the bidder having a land border with India (Annexure XV) (.pdf)**
- ❖ **Minimum two (2) Purchase Order (PO) copies along with installation report in the last five (5) years. The PO copies shall be from research institutions like CSIR Labs, IITs, NITs, Labs for the same or similar specifications tendered.**

**(Note: Firms not meeting the minimum eligibility conditions will not be considered for technical evaluation.)**

##### **4.1.1 General criteria:-**

1. List of installations of similar work with contact details should be provided. (Annexure VI)
2. The bidder shall furnish documentary evidence to demonstrate that the bidder satisfies the bidders' eligibility criteria.
3. Bidders shall invariably furnish documentary evidence (client's certificate) in support of the satisfactory operation of the similar contracts executed by him.
4. ~~Spares and service support for the instrument for the period of 7 years from the date of installation.~~
5. Details of make, model, service support for the outsourced items/ supporting accessories (Technical details in Technical bid)
6. ~~Details of Service Centre and information on service support facilities that would be provided after the warranty period (in the Service Support Form).~~

## 4.2 SPECIFICATIONS AND ALLIED TECHNICAL DETAILS

### **Technical specifications for Supply, Installation, demonstration and training of Environment Test Chamber System**

#### **VACUUM TEST CHAMBER:**

1. Vacuum chamber fabricated out of non- magnetic stainless steel 304 Grade.
2. Chamber is hemispherical provided with feedthrough for Electrical connections in the base and a Quartz Window on the top side.
3. Chamber will house Substrate Heater with Substrate Holder.
4. Chamber will have Port for 4 Probe Resistivity Measurement and Vacuum Port, Vacuum Release Valve, Vacuum Isolation Valve and spare Blank Ports for future upgradation and other measurements.
5. Chamber will be evacuated to  $10^{-2}$  -  $10^{-3}$  mbar range before purging gas into Chamber and controlled through Valves.

#### **HEATER & TEMPERATURE MEASUREMENT AND CONTROL:**

1. A 3" diameter Resistive Heater which can work in vacuum as well as atmosphere, Oxidizing & Reducing and condition.
2. Heater can achieve Temp. Upto 400°C with PID Temperature Controller.
3. Power to the heaters is smoothly controlled by means of SSR Power controller. Heater is mounted on the Centre of Chamber.

#### **MICRO POSITIONER MANIPULATOR: 4 NOS.**

1. 4 Nos. Micro Positioner Manipulator having X, Y, Z movement of at least 5-10mm with a precision of 0.5mm per turn with Tungsten probe to measure DC Current with magnetic Base.
2. All probes are made with high quality conducting material having tip radius of about 0.1 mm and connection should be provided outside with option of one set extra connecting wires.
3. Coaxial Cables with Pogo Pins will be provided to connect Manipulators with Source Meter for Parameter Measurement.

#### **SUBSTRATE HOLDER:**

1. Alumina Sheet is fixed on top of Resistive Heater for sample mounting. This Alumina Plate has four Electrically Insulated probes to measure specimen, current, resistance etc. from any point across the sample (30mm diameter) mounted on the heater constant temperature zone.
2. Probes have sharp bent tip at the free end and other end connected with electrical leads. The electrical are terminated with a high Electrical Feedthrough mounted onto the Port.
3. The Electrical Probes are made of chemically Inert and high Temperature compatible Material which does not lose its stiffness with thermal Cycling. A matching socket is provided for electrical connection outside the chamber.

#### **HUMIDITY SENSOR:**

A Humidity Sensor and display shall be provided to measure and see the humidity inside the gas chamber.

#### **PRESSURE SENSOR:**

Absolute pressure indication with Range +1000 mbar to -1000 mbar.

#### **VACUUM PUMP:**

A 250 Litre Per minute Pumping Capacity double Stage Rotary Vacuum Pump provided.

#### **PIRANI GAUGE (VACUUM MEASUREMENT):**

A Digital Pirani Gauge with one head which reads the vacuum level in the range of ATM to  $1 \times 10^{-3}$  mbar provided for Vacuum Measurement.

#### **VACUUM PLUMBING LINES CONSISTS OF:**

1. 1" Stainless Steel corrugated flexible bellow to connect Chamber & Vacuum Pump.
2. 1" manually operated butterfly type isolation valve to isolate the Chamber.
3. 1 No. solenoid / manual operated vent valve to vent the chamber.

4. 1 No. Gas Valve to control Flow of MFC to Purge Gas into Test Chamber and Vac. line.
5. Set of Electrical Control, Cables & necessary connectors

### **VOC & GAS DELIVERY SYSTEM:**

Gas Delivery System has two inlet mechanisms VOC and Gas flow.

- a. **VOC FLOW SYSTEM:** The setup has Bubbler of 50 to 80ml volume containing chemicals in liquid form (VOC) with encapsulated heater. The vapours of these chemicals shall get introduced into the chamber through MFC flow (MFC Max Flow Rate: 100 SCCM).
- b. **GAS FLOW SYSTEM:**

#### **MASS FLOW CONTROLLERS: (3 Nos.)**

- 1 No. Multi Gas MFC for Carrier Gas (Nitrogen or Dry Air, Flow Rate: 0-10 SLPM)
- 1 No. Multi Gas MFC for Non-Corrosive Gas (Air, CO, CO<sub>2</sub>, H<sub>2</sub>, O<sub>2</sub>, N<sub>2</sub>, etc. Flow Rate: 100 SCCM) and
- 1 No. MFC for Corrosive Sample Gas Like NH<sub>3</sub>, H<sub>2</sub>S, N<sub>2</sub>O etc (Flow rate: 100 SCCM).

Combination of MFCs will be selected in such a way that Sample Gas concentration can vary upto 1-1000 PPM Level. MFCs will be integrated into system and Interfaced with Gas mixing Software controlled by Computer. These MFCs are Programmable from Front Panel or through Computer.

1 No. MFM for Non-Corrosive (Flow rate: 100 SCCM) will be provided in the Outlet of the Chamber

### **TECHNICAL SPECIFICATIONS OF MASS FLOW CONTROLLER:**

1. **Flow Range:** Selected in such a way that Sample Gas concentration can vary upto PPM Level.
2. **Medium:** Ar, N<sub>2</sub>, H<sub>2</sub>, O<sub>2</sub>, CO, CO<sub>2</sub>, etc. (Single MFC can be used for upto 30 Gases)
3. **Maximum Inlet Pressure:** 9.9 bar
4. **Operating Range:** 0.5% to 100% Full scale measurement
5. **Accuracy:**  $\pm$  (0.8% of reading + 0.2 % of full scale)
6. **Repeatability:**  $\pm$  0.2% Full scale
7. **Typical response time:** 100 Milliseconds (Adjustable) or less
8. **Warm up Time:** less than 1 second
9. **Resolution:** 0.01% of F.S
10. **Operating temperature:** -10°Celsius to +50°Celsius
11. **Humidity Range:** 0 to 100% Non-Condensing
12. **Input/output Signal Analog:** Mass Flow 0-5 Vdc/0-5 Vdc
13. **Input /Output Signal Digital Display:** Mass Flow Rate, Volumetric Flow, Pressure & Temperature
14. **System connector:** RS-232 Serial
15. **Power Supply:** 100-240 VAC to 24 VDC Power Supply
16. **Mounting:** MFCs will be mounted on a control panel along with their Power supplies with suitable connectors.
17. **MFC offered will be pre-calibrated** for the following gases and gas mixtures Acetylene, Air, Argon, iso-Butane, normal-Butane, Carbon Dioxide, Carbon Monoxide, Ethane, Ethylene, Helium, Hydrogen, Krypton, Methane, Neon, Nitrogen, Nitrous Oxide, Oxygen, Propane, Sulphur Hexafluoride, Xenon.
18. **Calibration Certificate** will be provided with Mass Flow Controllers.

### **GAS MANIFOLD:**

A Gas Manifold for purging 3 Gases and VOC is connected to Chamber with NRVs, Swagelok Type Manual Connectors to connect with Cylinders through Regulators.

### **TUBING & FITTINGS:** SS 316L Tubing with Swagelok Compression Type

## **MASS FLOW CONTROLLER GAS MIXING & FLOW VISION SOFTWARE:**

Gas Mixing & Flow Vision Software Model FlowVisonMX / FlowVisionSC will be required for Gas Sensing Set up. Mixing Software will be Loaded in Computer/Laptop.

## **ANY OEM BRAND DESKTOP COMPUTER OR LAPTOP: 1No.**

1. Processor: intel core i5 or better
2. RAM: 8 GB or better,
3. Storage: 256 / 512 GB SSD or better
4. Display: 20" or better (in case of desktop) or 14" or better (in case of laptop)
5. Gas Mixing & Flow Vision Software should be provided.
6. UPS with backup 15 mins to 30 mins in case of Desktop computer

### **4.3 Scope of Supply**

#### **Supply Environment Test Chamber System**

### **4.4 Inspection & Tests**

#### **4.4.1 General**

1. The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified here.
2. The inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at the point of delivery and/or at the Goods final destination.
3. Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.
4. Should any inspected or tested Goods fail to conform to the specifications, the Purchaser may reject the goods and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the Purchaser.
5. The Purchaser's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival at final destination shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by the Purchaser or its representative prior to the Goods shipment.
6. The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.
7. Before the goods and equipment's are taken over by the Purchaser, the Supplier shall supply operation and maintenance Manuals together with Drawings of the goods and equipment's built. These shall be in such details as will enable the Purchase to operate, maintain, adjust and repair all parts of the works as stated in the specifications.
8. The Manuals and Drawings shall be in the ruling language (English) and in such form and numbers as stated in the Contract.

9. Unless and otherwise agreed, the goods and equipment shall not be considered to be completed for the purposes of taking over until such Manuals and Drawing have been supplied to the Purchaser.
10. On successful completion of acceptability test, receipt of deliverables, etc., and after the Purchaser is satisfied with the working of the equipment, the acceptance certificate signed by the Supplier and the representative of the Purchaser will be issued. The date on which such certificate is signed shall be deemed to be the date of successful commissioning of the equipment.

### **ACCEPTANCE TERMS**

11. Specifications should be strictly adhered to without compromise. At the time of supply, all the parts supplied should be the latest one i.e. should there be a new and improved version of the part(s) developed after the quote was furnished the improved versions should only be supplied and without any additional cost to the buyer.
12. A simple step-by-step operating procedure (max 2 pages) which will be kept near the equipment indicating the precautions for eg. Safe pressures, dos and don'ts for safe and correct use of the entire equipment including software should be provided to help extend the life of the system.
13. The service manual to be given.

#### **4.4.2 Pre-dispatch Inspection by CSIR-CMC**

**Not Applicable**

#### **4.4.3 Manufacturer's Inspection Certificate**

After the goods are manufactured and assembled, inspection and testing of the goods shall be carried out at the supplier's plant by the supplier, prior to shipment to check whether the goods are in conformity with the technical specifications. Manufacturer's test certificate with data sheet shall be issued to this effect and submitted along with the delivery documents. The purchaser reserves the options to be present at the supplier's premises during such inspection and testing.

#### **4.4.4 Third Party Inspection**

**Not Applicable**

#### **4.4.5 Acceptance Test**

The acceptance test will be conducted by the Purchaser, their consultant or other such person nominated by the Purchaser at its option after the item is installed at Purchaser's site in the presence of supplier's representatives. The acceptance will involve trouble free operation. There shall not be any additional charges for carrying out acceptance test. No malfunction, partial or complete failure of any part of the item is expected to occur. The Supplier shall maintain necessary log in respect of result of the test to establish to the entire satisfaction of the Purchaser, the successful completion of the test specified. In the event of the ordered item failing to pass the acceptance test, a period not exceeding two weeks will be given to



rectify the defects and clear the acceptance test, failing which, the Purchaser reserve the right to get the item replaced by the Supplier at no extra cost to the Purchaser.

Successful conduct and conclusion of the acceptance test for the installed goods and items shall also be the responsibility and at the cost of the Supplier.

#### 4.5     **Training**

~~Free training should be imparted to **Minimum 5 No. of persons** of the purchaser at the purchaser's premises for a **minimum period of 5 days** on operation, trouble shooting and maintenance of the supplied item~~

#### 4.6     **Warranty**

The warranty of the equipment should be for a period of **Minimum One Year** from the date of acceptance and Installation. During the warranty period upgrades of the software, if any should be provided free of cost.

**PRICE SCHEDULE FORM**

Please upload the prices in the .xls sheet uploaded in cover 2 – Price Bid.

**Kindly follow instructions hereunder to fill Bill of Quantities (BoQ). Any discrepancy in following instructions would lead to rejection of the bid.**

**Instructions:-**

- On Opening the BOQ (Bill of Quantity) “Please Enable Macros to View BOQ Information”. Please go to **enable editing** just below the task bar.
- As macros have to be enabled please click on **enable content**.
- **BoQ1**  
Bidders are requested to fill columns marked in blue only i.e **i) BASIC RATE In Figures To be entered by the Bidder Rs. P (Column M) ,ii)Make / Model (Column AJ), iii) GST (Column AY).**

## **CHAPTER 6**

### **CONTRACT FORM**

Contract No. \_\_\_\_\_ Date: \_\_\_\_\_

THIS CONTRACT AGREEMENT is made

the [ *insert: number* ] day of [ *insert: month* ], [ *insert: year* ].

**BETWEEN**

- (1) The Co-ordinating Director, CMC, Taramani, Chennai a constituent Laboratory of Council of Scientific and Industrial Research registered under the Societies Registration Act 1860 of the Government of India having its registered office at 2, Rafi Marg, New Delhi-110001, India represented by Controller of Stores & Purchase, CSIR-CMC, CSIR Road, Taramani, Chennai-113, INDIA, (hereinafter called “the Purchaser”), and
- (2) [ *insert name of Supplier* ], a corporation incorporated under the laws of [ *insert: country of Supplier* ] and having its principal place of business at [ *insert: address of Supplier* ] (hereinafter called “the Supplier”).

**WHEREAS** the Purchaser invited bids for certain Goods and ancillary services, viz., [ *insert brief description of Goods and Services* ] and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of [ *insert Contract Price in words and figures, expressed in the Contract currency (ies)* ] (hereinafter called “the Contract Price”).

**NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:**

01. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
02. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:
  - (a) This Contract Agreement
  - (b) Special Conditions of Contract
  - (c) General Conditions of Contract
  - (d) Technical Requirements (including Schedule of Requirements and Technical Specifications)
  - (e) The Supplier’s Bid and original Price Schedules
  - (f) The Purchaser’s Notification of Award
  - (g) [ *Add here any other document(s)* ]
03. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

04. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
05. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of Union of India on the day, month and year indicated above.

For and on behalf of the Council of Scientific & Industrial Research

Signed: *[insert signature]*  
in the capacity of *[insert title or other appropriate designation]*  
in the presence of *[insert identification of official witness]*

Signed: *[insert signature]*  
in the capacity of *[insert title or other appropriate designation]*  
in the presence of *[insert identification of official witness]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]*  
in the capacity of *[insert title or other appropriate designation]*  
in the presence of *[insert identification of official witness]*

## CHAPTER - 7

### Annexures to be enclosed with Techno-Commercial Bid

#### Table of Contents

SL. NO.	NAME	ANNEXURE
1	Bidder Information Form	I
2	Declaration by the Bidder for Code of Integrity & conflict of interest	II
3	Manufacturers' Authorization Form	III
4	Bid Security Form	IV
5	Bid Securing Declaration	V
6	Performance statement Form	VI
7	Technical Compliance Form	VII
8	Service support details	VIII
9	Bid Form	IX
10	Performance Security Form	X
11	Acceptance Certificate Form	XI
12	Self-Certification regarding Local Content	XII
13	Integrity Pact	XIII
14	Certificate with regard to the bidder not having a land border with India	XIV
15	Certificate with regard to the bidder having a land border with India	XV
16	CSIR-CSIO Bank details	XVI

## ANNEXURE I

### BIDDER INFORMATION FORM

- (a) *[The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted. This should be done of the letter head of the firm]*

Date: *[insert date (as day, month and year) of Bid Submission]*

Tender No.: *[insert number from Invitation for bids]*

01.	Bidder's Legal Name <i>[insert Bidder's legal name]</i>
02.	In case of JV, legal name of each party: <i>[insert legal name of each party in JV]</i>
03.	Bidder's actual or intended Country of Registration: <i>[insert actual or intended Country of Registration]</i>
04.	Bidder's Year of Registration: <i>[insert Bidder's year of registration]</i>
05.	Bidder's Legal Address in Country of Registration: <i>[insert Bidder's legal address in country of registration]</i>
06	NAME AND ADDRESS OF BANK: BANK ACCOUNT NUMBER: TYPE OF ACCOUNT: IFSC CODE:
07.	Bidder's Authorized Representative Information Name: <i>[insert Authorized Representative's name]</i> Address: <i>[insert Authorized Representative's Address]</i> Telephone/Fax numbers: <i>[insert Authorized Representative's telephone/fax numbers]</i> Email Address: <i>[insert Authorized Representative's email address]</i>
08	COUNTRY OF ORIGIN OF PRODUCT (S):
09	Are you a manufacturer? If yes, indicate factory premises address ADDRESS OF THE PLACE MANUFACTURE / FACTORY / PLACE WHERE LOCAL CONTENT VALUE ADDITION IS DONE BY MANUFACTURER:
10	If item is imported and is from a country sharing land border with India, then Registration certificate details like number, date and validity date:
11	Are you a MSE registered for the Item under procurement: if Yes then furnish details of the certificate, date and validity along with copy of the same.
13	Attached are copies of original documents of: As per document upload.

Signature of Bidder \_\_\_\_\_

Name \_\_\_\_\_

Business Address \_\_\_\_\_

**ANNEXURE – II**

**Format for declaration by the Bidder for Code of Integrity & conflict of interest**  
**(On the Letter Head of the Bidder)**

Ref.No: \_\_\_\_\_

Date: \_\_\_\_\_

To,

\_\_\_\_\_

(Name & address of the Purchaser)

Sir,

With reference to your Tender No.\_\_\_\_\_ dated \_\_\_\_\_I/We hereby declare that we shall abide by the Code of Integrity for Public Procurement as mentioned under Para 1.3.0 of ITB of your Tender document and have no conflict of interest.

The details of any previous transgressions of the code of integrity with any entity in any country during the last three years or of being debarred by any other Procuring Entity are as under:

- a.
- b.
- c.

We undertake that we shall be liable for any punitive action in case of transgression/contravention of this code.

Thanking you,

Yours sincerely,

Signature  
(Name of the Authorized Signatory  
Company)

### **ANNEXURE III**

#### **MANUFACTURERS' AUTHORIZATION FORM**

***[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer.]***

Date: *[insert date (as day, month and year) of Bid Submission]*

Tender No.: *[insert number from Invitation for Bids]*

To: *[insert complete name and address of Purchaser]*

#### **WHEREAS**

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 2.21 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ *[insert date of signing]*



## ANNEXURE IV

### BID SECURITY FORM

Whereas \_\_\_\_\_ (hereinafter called the tenderer") has submitted their offer dated \_\_\_\_\_ for the supply of \_\_\_\_\_ (hereinafter called the tenderer") Against the purchaser's tender enquiry No. \_\_\_\_\_

KNOW ALL MEN by these presents that WE \_\_\_\_\_ of \_\_\_\_\_ having our registered office at \_\_\_\_\_ are bound unto \_\_\_\_\_ (hereinafter called the "Purchaser")

In the sum of \_\_\_\_\_  
For which payment will and truly to be made to the said Purchaser, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

#### **THE CONDITIONS OF THIS OBLIGATION ARE:**

- (1) If the tenderer withdraws or amends or modifies or impairs or derogates from the Tender in any respect within the period of validity of this tender.
- (2) If the tenderer having been notified of the acceptance of his tender by the Purchaser during the period of its validity:-
- (3) If the tenderer fails to furnish the Performance Security for the due Performance of the contract.
- (4) Fails or refuses to accept/execute the contract.

WE undertake to pay the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it owing to the occurrence of one or both the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including 45 days after the period of tender validity and any demand in respect thereof should reach the Bank not later than the above date.

\_\_\_\_\_  
(Signature of the authorized officer of the Bank)

Name and designation of the officer

Seal, name & address of the Bank and address of the Branch

**Note: Whenever the bidder chooses to submit the Bid Security in the form of Bank Guarantee, then he should advise the banker issuing the Bank Guarantee to immediately send by Registered Post (A.D.) an unstamped duplicate copy of the Guarantee directly to the Purchaser with a covering letter to compare with the original BG for the correctness, genuineness, etc.**

**ANNEXURE V**

**BID-SECURING DECLARATION FORM (Not Applicable)**

Date: \_\_\_\_\_

Bid No. \_\_\_\_\_

To (insert complete name and address of the purchaser)

I/We. The undersigned, declare that:

I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of one year from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i) fail or reuse to execute the contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

Signed: (insert signature of person whose name and capacity are shown) in the capacity of (insert legal capacity of person signing the Bid Securing Declaration).

Name: (insert complete name of person signing he Bid Securing Declaration)

Duly authorized to sign the bid for an on behalf of : (insert complete name of Bidder)

Dated on \_\_\_\_\_ day of \_\_\_\_\_ (insert date of signing)

Corporate Seal (where appropriate)

(Note: In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid)

**ANNEXURE VI**

**PERFORMANCE STATEMENT FORM**

**(For a period of last 5 years)**

**Name of the Firm.....**

Order Placed by (full address of Purchaser)	Order No. and date	Description and quantity of ordered equipment	Value of order	Date of completion of deliver as per Contract	Date of actual completion of delivery	Remarks indicating reasons for late delivery, if any	Has the equipment been installed satisfactory ? (Attach a certificate from the purchaser/C onsignee)	Contact person along with Telephone No., FAX No. and e-mail address

Signature and Seal of the manufacturer/Bidder .....

Place :

Date :

## **ANNEXURE VII**

### **DEVIATION STATEMENT FORM**

<b>Sl.No.</b>	<b>Name of Specifications / Parts / Accessories of Tender Enquiry</b>	<b>Specifications of Quote Model / Part / Accessory</b>	<b>Compliance Whether Yes or No</b>	<b>Deviation, if any to be indicated in unambiguous terms (The compliance / Deviation should be supported by relevant Technical Literature)</b>	<b>Technical justification for the deviation, if any. If specification is superior /inferior than asked for in the enquiry, it should be clearly brought out in the justification</b>

**Signature of Bidder**

- ✓ The technical and commercial deviations should be indicated separately.
- ✓ If the bidder fails to enclose the compliance statement, his bid is likely to be rejected.

Place:

Date:

Signature and seal of the  
Manufacturer/Bidder

**NOTE:**

- 1) Where there is no deviation, the statement should be returned duly signed with an endorsement indicating “No Deviations”.

**ANNEXURE VIII**

**SERVICE SUPPORT DETAIL FORM**

<b>Sl. No.</b>	<b>Nature of training imparted</b>	<b>List of similar type of serviced in the past 3 years</b>	<b>Address, Telephone Nos. , Mobile Nos and e-mail address</b>

Signature and Seal of the manufacturer/Bidder.....

Place :

Date :

## ANNEXURE IX

### Bid Form

*[The Bidder shall fill in this Form in accordance with the instructions indicated No alterations to its format shall be permitted and no substitutions shall be accepted.]*

Date: *[insert date (as day, month and year) of Bid Submission]*

Tender No.: *[insert number from Invitation for Bids]*

Invitation for Bid No.: *[insert No of IFB]* To: *[insert complete name of Purchaser]*

We, the undersigned, declare that:

a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: *[insert the number and issuing date of each Addenda]*;

b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services *[insert a brief description of the Goods and Related Services]*;

~~c) The total price of our Bid, excluding any discounts offered in item (d) below, is: *[insert the total bid price in words and figures, indicating the various amounts and the respective currencies]*;~~

d) The discounts offered and the methodology for their application are:  
**Discounts:** If our bid is accepted, the following discounts shall apply. *[Specify in detail each discount offered and the specific item of the Schedule of Requirements to which it applies.]*

e) Our bid shall be valid for the period of time specified in ITB Sub-Clause 1.17.1 from the date fixed for the bid opening, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

f) If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 1.41 and GCC Clause 2.13 for the due performance of the Contract and also submit order acceptance within 21 days from the date of contract in accordance with ITB Clause 1.40 and GCC Clause 2.43;

g) The following commissions, gratuities, or fees have been paid or are to be paid with respect to the bidding process or execution of the Contract: *[insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity]*

Name of Recipient	Address	Reason	Amount
_____	_____	_____	_____

Signature and Seal of the manufacturer/Bidder.....

Place :

Date :

**ANNEXURE X**

**PERFORMANCE SECURITY FORM**

**MODEL BANK GUARANTEE FORMAT FOR PERFORMANCE SECURITY**

To,

.....

WHEREAS ..... (name and address of the supplier) (hereinafter called “the supplier”) has undertaken, in pursuance of contract No. .... dated .....to supply (description of goods and services) (herein after called “the contract”).

AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a scheduled commercial bank recognized by you for the sum specified therein as security for compliance with its obligations in accordance with the contract;

AND WHEREAS we have agreed to give the supplier such a bank guarantee;

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of ..... (amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the supplier before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until the ..... day of ....., 20.....

(Signature of the authorized officer of the Bank)

.....  
Name and designation of the officer

.....  
Seal, Name & Address of the Issuing Branch of the Bank

**Note: Whenever, the bidder chooses to submit the Performance Security in the form of Bank Guarantee, then he should advise the banker issuing the Bank Guarantee to immediately send by Registered Post (A.D.) an unstamped duplicate copy of the Guarantee directly to the Purchaser with a covering letter to compare with the original BG for the correctness, genuineness, etc.**

## **ANNEXURE XI**

### **ACCEPTANCE CERTIFICATE FORM**

No. \_\_\_\_\_

Dated: \_\_\_\_\_

M/s. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sub: Certificate of commissioning of equipment  
-----

01. This is to certify that the equipment as detailed below has/have been received in good condition along with all the standard and special accessories (subject to remarks in Para 2). The same has been installed and commissioned.

(a) Contract No. \_\_\_\_\_ Date \_\_\_\_\_

(b) Description of the equipment \_\_\_\_\_

(c) Name of the consignee \_\_\_\_\_

(d) Scheduled date of delivery of the consignment to the Lab./Instts. \_\_\_\_\_

(e) Actual date of receipt of consignment by the Lab./Instts. \_\_\_\_\_

(f) Scheduled date for completion of installation/commissioning \_\_\_\_\_

(g) Training Starting Date \_\_\_\_\_

(h) Training Completion Date \_\_\_\_\_

(i) Names of People Trained \_\_\_\_\_

(j) Actual date of completion of installation/commissioning \_\_\_\_\_

(k) Penalty for late delivery (at Lab./Instts. level) ₹ \_\_\_\_\_

(l) Penalty for late installation (at Lab./Instts. level ₹ \_\_\_\_\_

Details of accessories/items not yet supplied and recoveries to be made on that account:

Sl. No.	Description	Amount to be recovered

02. The acceptance test has been done to our entire satisfaction. The supplier has fulfilled his contractual obligations satisfactorily



or

The supplier has failed to fulfil his contractual obligations with regard to the following:

- (a) .....
- (b) .....
- (c) .....
- (d) .....

The amount of recovery on account of failure of the supplier to meet his contractual obligations is as indicated at Sr. No. 3.

For Supplier

Signature .....

Name .....

Designation .....

Name of the firm.....

Date .....

For Purchaser

Signature.....

Name.....

Designation.....

Name of the Lab/Instt.....

Date.....

## **ANNEXURE – XII**

### **Format for Affidavit of Self Certification regarding Local Content to be provided on Letter Head** **(Not Applicable)**

Tender No. \_\_\_\_\_

Date: \_\_\_\_\_

I \_\_\_\_\_ S/o, D/o, W/o \_\_\_\_\_, Resident of \_\_\_\_\_  
do hereby  
solemnly affirm and declare as under:

That I will agree to abide by the terms and conditions of the policy of Government of India issued vide Notification – Public procurement (preference to Make in India) Order 2017 dt 16<sup>th</sup> September, 2020.

That the information furnished hereinafter is correct to be of my knowledge and belief and I undertake to produce relevant records before the procuring entity or any authority so nominated for the purpose of assessing the local content.

That the local content for all inputs which constitute the said R&D equipment as per the enclosed list has been verified by me and I am responsible for the correctness of the claims made therein.

That in the event of the domestic value addition of the product mentioned herein is found to be incorrect and not meeting the prescribed value-addition norms, based on the assessment of an authority so nominated for the purpose of assessing the local content, action will be taken against me as per Order No. P-45021/2/2017/-PP (BE-II) dated 16.09.2020.

I agree to maintain the following information in the Company's record for a period of 8 years and shall make this available for verification to any statutory authority: (Kindly fill up the below mentioned particulars)

- i. Name and details of the Domestic Manufacturer (Registered Office, Manufacturing Unit location, nature of legal entity)
- ii. Date on which this certificate is issued
- iii. R &D consumable for which the certificate is produced
- iv. Procuring entity to whom the certificate is furnished – CSIR-CMC
- v. Percentage of local content claimed
- vi. Name and contact details of the unit of the manufacturer

Sale Price of the product, Ex-Factory Price of the product, Freight, insurance and handling, Total Bill of Material, List and total cost value of inputs used for manufacture of the R &D equipment, List and total cost of inputs which are domestically sourced, value addition certificates from suppliers, if the input is not in-house to be attached, List and cost of inputs which are imported, directly or indirectly which go into calculation of Local content and like records shall be produced in case of any verification.

**For and on behalf of**

**(Name of firm/entity)**

Authorized signatory  
(To be duly authorized by the Board of Director)

## **ANNEXURE –XIII**

### **Format of Integrity Pact**

#### **INTEGRITY PACT (Not Applicable)**

Between

Council of Scientific & Industrial Research (CSIR) a Society registered under the Indian Societies Act 1860 represented by \_\_\_\_\_ hereinafter referred to as “The Principal”.

And .....herein referred to as “The Bidder/ Contractor.”

Preamble

The Principal intends to award, under laid down organizational procedures, contract/s for .....The Principal values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/ transparency in its relations with its Bidder(s) and/or Contractor(s).

In order to achieve these goals, the Principal will appoint an Independent External Monitor (IEM), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

#### **Section 1 – Commitments of the Principal**

- (1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:
  - (a) No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
  - (b) The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
  - (c) The Principal will exclude from the process all known prejudiced persons.
- (2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary action.

#### **Section 2 – Commitments of the Bidder(s)/Contractor(s)**

- (1) The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.
  - (a) The Bidder(s)/Contractor(s) will not, directly or through any other Person or firm, offer, promise or give to any of the Principal’s employees involved in the tender process or the execution of the

contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

- (b) The Bidder(s)/Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, Certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
- (c) The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act; further the Bidder(s)/Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
- (d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly the Bidder(s)/Contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. Further details as mentioned in the “Guidelines on Indian Agents of Foreign Suppliers” shall be disclosed by the Bidder(s)/Contractor(s). Further, as mentioned in the Guidelines all the payments made to the Indian agent/representative have to be in Indian Rupees only. Copy of the “Guidelines on Indian Agents of Foreign Suppliers” is annexed and marked as Annexure.
- (e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
- (2) The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

### **Section 3 – Disqualification from tender process and exclusion from future Contracts**

- (1) If the Bidder(s)/Contractor(s), before award or during execution has committed a transgression through a violation of Section 2, above or in any other form such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/Contractor(s) from the tender process or take action as per the procedure mentioned in the “Guidelines on Banning of business dealings”. Copy of the “Guidelines on Banning of business dealings” is annexed and marked as Annex -“B”.

### **Section 4 – Compensation for Damages**

- (1) If the Principal has disqualified the Bidder(s) from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/ Bid Security.
- (2) If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages of the contract value or the amount equivalent to Performance Bank Guarantee.

### **Section 5 – Previous transgression**

- (1) The Bidder declares that no previous transgressions occurred in the last 3 Years with any other Company in any country conforming to the anti-corruption approach or with any other Public

Sector Enterprise in India that could justify his exclusion from the tender process.

- (2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or action can be taken as per the procedure mentioned in “Guidelines on Banning of business dealings.”

#### **Section 6 – Equal treatment of all Bidders / Contractors/ Sub-contractors**

- (1) The Bidder(s)/Contractor(s) undertake(s) to demand from all Subcontractors a commitment in conformity with this Integrity Pact, and to submit it to the Principal before contract signing.
- (2) The Principal will enter into agreements with identical conditions as this one with all Bidders, Contractors and Subcontractors.
- (3) The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

#### **Section 7 – Criminal charges against violating Bidders / Contractors/ Subcontractors**

- (1) If the Principal obtains knowledge of conduct of a bidder, Contractor or Subcontractor or of an employee or a representative or an associate of a bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer.

#### **Section 8 - Independent External Monitors**

- (1) The Principal appoints competent and credible Independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
- (2) The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the JS (A), CSIR.
- (3) The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/ Contractor(s) / Subcontractor(s) with confidentiality.
- (4) The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.
- (5) As soon as the Monitor notice, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
- (6) The Monitor will submit a written report to the JS(A), CSIR within 8 to 10 weeks from the date of reference or intimation to him by the Principal and should the occasion arise, submit proposals for correcting problematic situations.

- (7) Monitor shall be entitled to compensation on the same terms as being extended to/provided to Independent Directors on the CSIR.
- (8) If the Monitor has reported to the JS(A),CSIR, a substantiated suspicion of an offence under relevant IPC/PC Act, and the JS(A), CSIR has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.
- (9) The word 'Monitor' would include both singular and plural.

## **Section 9 – Pact Duration**

This Pact begins when both parties have legally signed it. It expires for the Contractor 10 months after the last payment under the contract, and for all other Bidders 6 months after the contract has been awarded.

If any claim is made/lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/determined by JS(A), CSIR.

## **Section 10 – Other provisions**

- (1) This agreement is subject to Indian Law. Place of performance and Jurisdiction is the Registered Office of the Principal, i.e. New Delhi
- (2) Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
- (3) If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
- (4) Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

\_\_\_\_\_  
(For & On behalf of the Principal)

(Office Seal)

Place.....

Date.....

\_\_\_\_\_  
(For & On behalf of Bidder/Contractor)

(Office Seal)

Place.....

Date.....

Witness 1:(Name & Address): \_\_\_\_\_

Witness 2:.(Name & Address): \_\_\_\_\_

**ANNEXURE - XIV**

**Certificate with regard to the bidder not having a land border with India**

(Ref.- Govt. of India, Ministry of Finance, Dept. of Expenditure Order No. F.No.6/18/2019-PPD dated 23.07.2020 {Public Procurement No.1} and subsequent orders on the subject)

Tender No: \_\_\_\_\_

Date \_\_\_\_\_

To,  
The Co-ordinating Director,  
CSIR-CMC  
CSIR Road, Taramani  
Chennai - 600113

Sir,

“I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that M/s. \_\_\_\_\_ is not from such a country.

**For and on behalf of**  
Authorized signatory  
(To be duly authorized by the Board of Director)

**(Name of firm/entity)**

**ANNEXURE -XV**

**Certificate with regard to the bidder having a land border with India**

(Ref.- Govt. of India, Ministry of Finance, Dept. of Expenditure Order No. F.No.6/18/2019-PPD dated 23.07.2020 {Public Procurement No.1} and subsequent orders on the subject)

Tender No: \_\_\_\_\_

Date \_\_\_\_\_

To,  
The Co-ordinating Director,  
CSIR-CMC  
CSIR Road, Taramani  
Chennai - 600113

Sir,

I hereby certify that, M/s. \_\_\_\_\_ fulfills all requirements in this regard and is eligible to be considered. [Evidence of valid registration by the Competent Authority should be attached.]

**For and on behalf of**  
Authorized signatory  
(To be duly authorized by the Board of Director)

**(Name of firm/entity)**



## ANNEXURE - XVI



**CSIR MADRAS COMPLEX**  
(Council of Scientific & Industrial Research)  
**TARAMANI, CHENNAI – 600 113, INDIA**  
Website: [www.csircmc.res.in](http://www.csircmc.res.in), Email: [spo.cmc@csir.res.in](mailto:spo.cmc@csir.res.in)  
Telephone: 22544508/26  
Unit: CSIO  
**INVITATION FOR BIDS**  
**Through e-Procurement**  
**INVITATION TO TENDER**

### **Electronic Fund Transfer Account Details CSIO CSIR**

01.	Name of the Account Holder	CSIO CSIR
02.	Address	CSIR Road, CSIR Campus, Taramani, Chennai – 600 113
03.	E-Mail address	<a href="mailto:spo.cmc@csir.res.in">spo.cmc@csir.res.in</a>
04.	Phone Number/Mobile Number	044-22544508/4526
05.	(1) Permanent Account Number(PAN) (2) GSTIN	AAATC2716R 33AAATC2716R3ZK
06.	Particulars of Bank Account	
	(i) Name of the Bank	State Bank of India
	(ii) Name of the Branch	Taramani Branch
	(iii) Branch Code	010673
	(iv) Address	State Bank of India, CSIR Campus, Taramani Branch, Chennai 600 113.
	(v) S B I Telephone Number	044-22544519 / 22541848
	(vi) Account Number	30267719755
	(vii) Type of Account	Saving Bank Account
	(viii) IFSC Code (RTGS/NEFT)	SBIN0010673
	(ix) MICR Code	600002130