



CSIR-Indian Institute of Integrative Medicine

(Formerly known as Regional Research Laboratory)

Canal Road, Jammu-180001 (J&K) India-180001

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File no. 12(86)/2024-P

Date : 30.08.2024

CORRIGENDUM-1

REF: CPP PORTAL TENDER ID- 2024_CSIR_204298_1

SUB: SUPPLY, INSTALLATION, TESTING, COMMISSIONING & DEMONSTRATION OF FERMENTERS & OTHER ACCESSORIES Fermenters 15L, 200L, 1000L and 5000L and supporting downstream facility along with compatible utility.

In reference to our Tender No. 12(86)/2024-P dated 08.08.2024 having Tender ID 2024_CSIR_204298_1 some amendments have been made by TSC after pre-bid meeting on 27.08.2024.

All the bidders are requested to submit the tender accordingly.

Sd/-

STORES AND PURCHASE OFFICER

For & on Behalf of The Council of Scientific and Industrial Research

Sub.: Minutes of Pre-bid meeting for the Procurement of Supply, Installation, Testing and Commissioning of Fermentation Pilot Plant (Fermenters 15L, 200L, 1000L and 5000L and supporting downstream processing) along with utilities.

- 1) As per clause 1.44 of Tender Enquiry dated 08.08.2024 instructions to bidders Chapter I. The Pre-bid conference was held in hybrid mode on 27.08.2024 at 11:00AM.

The following members attended from IIM Jammu:

- 1) Dr. Asha Chaubey, Senior Principal Scientist
- 2) Dr. Sumit G Gandhi, Senior Principal Scientist
- 3) Dr. PP Singh, Senior Principal Scientist.
- 4) Dr. Saurabh Saran, Principal Scientist.
- 5) Dr. Vikash Babu, Principal Scientist.
- 6) Mr. Ajay Kumar, CoFA
- 7) Mr. Dilip Gehlot, SPD
- 8) Mr. Rajesh Gupta, AO
- 9) Dr. Kanhaiya Kumar, Senior Scientist (online)
- 10) Dr. Vinod Kumar, Scientist

The meeting was also attended by nominated external expert Dr. Sourish Bhattacharya (CSIR-Central Salt and Marine Chemicals Research Institute)

Representative of the following firms attended the Pre-Bid Conference

- 1) M/s Scigenics Pvt Ltd, Chennai- Online
- 2) M/s Amerging Technologies Pvt Ltd, Mohalil- Online
- 3) M/s Biojenik Engineering Pvt Ltd, Chennai -Online
- 4) M/s New Biosciences- Online and Offline: Principal Attended the meeting through Online mode and their representative Mr. Shailendra Raghuwanshi attended the meeting in person.

2) The following points were discussed during Pre-Bid Conference

Queries Raised by M/s Scigenics, M/s Biojenik Engineering, M/s Amerging Technologies Pvt Ltd, M/s NBS Company.

S.No	Query	Recommendation of the committee
1.	Advance payment before the Supply, Installation of the material.	Considered as per Rules.

Queries Raised by M/s Scigenics

S.No	Query	Recommendation of the committee
1.	As we are an MSME we are exempted from EMD bid security submission..	Relevant clause already mentioned in Tender Enquiry
2.	We will be supplying the whole Project in staggered format .	Not considered

Queries Raised by M/s Scigenics, M/s Biojenik Engineering, M/s Amerging Technologies Pvt Ltd, M/s NBS Company..

S.No	Query	Recommendation of the committee
1.	To increase the timeline of Supply and Installation of Complete Pilot Plant from 150 to 180 days	Not considered

Queries Raised by M/s Amerging Technologies Pvt Ltd

S.No	Query	Recommendation of the committee
1.	Provision of Thermosyphon along with double mechanical seal for sterile lubrication	Suggestion considered. Revised to double mechanical seal with air lubrication
2.	Integration of boiler 60kg/hr electric boiler for sterilization of 15L and 200lts	Suggestion considered. Included in specifications 50kg/hr or better.

Queries Raised by M/s NBS Company

S.No	Query	Recommendation of the committee
1.	Atleast 2 to 3 different make of Accessories in the Technical Specifications	Already mentioned

3) Committee noted that most of the firms requested for some advance payment, keeping in view high value project and timeline of 05months to deliver the product. In this connection, Committee considered the requirement of bidders, keeping in view provision of GFR CSIR-Manual on Procurement of Goods 2019 which states that "Ordinarily, payments for services rendered or supplies made should be released only after the services have been rendered or supplies made. However, it may become necessary to make advance payments in the following types of cases: i) Advance payment demanded by firms holding maintenance contracts for servicing of air-conditioners, computers, othercostly equipment;etc. ii) Advance payment demanded by firms against fabrication contracts, turn-key contracts; and so on; Such advance payments should not exceed the following limits except in case of procurement of arms and ammunitions from ordinance factories:

- a) Thirty per cent of the contract value to private firms;
 - b) Forty per cent of the contract value to a state or central Government agency or PSU; or
 - c) In case of the maintenance contract, the amount should not exceed the amount payable for six months under the contract; (Rule 172 (i) of GFR 2017)
 - d) The Procuring Authority may relax the ceilings including the percentages laid down for advance payment for private firms as mentioned above as per SoPP.
- (Rule 172(i) of GFR 2017) While making any advance payment as above, adequate safeguards in the form of a bank guarantee, and so on, should be obtained from the firm. The format of Advance Bank Guarantee is placed at Annexure-5S

In view of above, Committee deliberated that the normal payment term for procurement of goods is 80% against delivery of goods and rest upon Installation and Commissioning. However keeping in view the nature of procurement, rule position and to safeguard the interest of institute ,the following payment terms are recommended:

- i) Advance payment @**30%** of contract value against BG valid for one year.
- ii) Final payment @**70%** of contract value after installation, testing and commissioning of utility.

4) In addition to the above clarification the committee discussed the following technical points and agreed thereupon:

1. Only those bidders are eligible to participate, who have at least **10** years of experience in manufacturing of fermenters, have local service support in India and two or more pilot plant installations in India. Documentary evidence should be provided.
2. Bidder/supplier to submit documentary evidence like certificate from a least **three** users working in Biochemical Engineering/Fermentation related work for the pilot scale from Government or semi-government organization/Institutions/university to the effect that they are satisfied with the performance of the equipment and service of the supplier over past five years.
3. Appropriate flooring and partitions of the fermenters installation site and downstream processing area to avoid any cross contamination will be in the scope of bidder.
4. The vendor should give an undertaking for the supply of spares for at least 10 years from the date of installation
5. The bidder should integrate all the equipments and make it functional with three years comprehensive warranty and provide full time technical manpower for initial one year after commissioning. AMC charges should be quoted for five years on an annual renewal basis after the expiry of warranty period with four preventing visit and break down visits, as and when required (per annum)
6. Technical committee may visit the manufacturing site of all technically qualified bidders.
7. The bidders should provide registered office address as well as factory address with the bid.
8. Manufacturer should have **BIS/ISO 9001-2015 Certification.**
9. All the pressure vessels should be certified by NABL Accredited Third party inspection agency.
10. The tender should follow the ASME BPE norms
 - Bidders should carefully fill up the rates in price-bid for the main equipment with accessories including standard warranty and year wise price break –up of AMC charges without quoting price in the techno-commercial bid. Non- compliance of this shall lead to summarily rejection of the Bid.
 - The comparative statement of financial bid will be prepared by adding the main equipment price including accessories and AMC prices as mentioned in the BOQ. Purchase order will be issued to whichever bidders have the lowest price including main equipment and AMC.



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TENDER NO: 12(86)/2024-P Date 08.08.2024

OPEN TENDER ENQUIRY (OTE) AFTER PRE-BID MEETING

FOR

SUPPLY, INSTALLATION, TESTING, COMMISSIONING & DEMONSTRATION OF FERMENTERS & OTHER ACCESSORIES

Fermenters 15L, 200L,1000L and 5000L and supporting downstream facility along with compatible utility

INVITATION FOR BIDS / NIT

1. Director, CSIR- Indian Institute of Integrative Medicine, Canal Road Jammu-180001, invites E- bids from manufacturers, their authorized distributors and Indian Agent of Foreign principals, if any, for purchase of items listed below. Bids are to be submitted electronically only on **NIC portal/ etenders.gov.in**
- 2.

Sl.No.	Tender No.	Description of items	Quantity	Single/ Double bid	Bid Security (EMD) (in Indian Rupees)
1.	12(86)/2024-P	<p>SUPPLY, INSTALLATION, TESTING ,COMMISSIONING & DEMONSTRATION OF FERMENTERS & OTHER ACCESSORIES</p> <p>Fermenters 15L, 200L,1000L and 5000L and supporting downstream facility along with compatible utility.</p> <p>Warranty: 03Years</p> <ul style="list-style-type: none"> • Delivery and installation to be completed within 04-05 months. • AMC for 01st year after warranty period . • AMC for 2nd year after warranty period . • AMC for 3rd year after warranty period . • AMC for 4th year after warranty period . • AMC for 5th year after warranty period . <p>(Required Technical Specifications are mentioned at Chapter 4)</p> <p>(Prices to be quoted for FOR SITE only mentioning taxes and charges separately)</p>	01	Double Bid	<p>Rs. 15,00,000.00</p> <p>(in the form of Account Payee Demand Draft / Fixed Deposit Receipt / Banker's Cheque – valid for 45 days beyond the bid validity period)</p>

2. Interested Bidders may obtain further information from the office of the Stores and Purchase Officer, Canal Road Jammu -180001
3. Each complete set of bidding document may be purchased by any interested bidder on submission of a written application to the above office and upon payment of a non-refundable and non-transferable fee of ₹500/- in the form of a Demand Draft in favour of The Director, CSIR- Indian Institute of Integrative Medicine, Canal Road Jammu-180001 payable at Jammu during office hours on all working days up to **22.09.2024** either in person or by post. Alternatively, the bidding documents can be downloaded directly from our website <http://www.iiim.res.in> free of cost. The bids must be uploaded on or before **22.09.2024 (Date) up to 11:00.AM** hours (IST) and shall be opened on **23.09.2024 (Date) at 11:00 A.M** hours. (IST)
4. A Pre-bid Conference will be held on **27.08.2024 (Date) at 11:00am** hours (IST) (**through Hybrid mode**) (**link will be share on CSIR-IIIM WEBSITE**) at Board Room, CSIR- Indian Institute of Integrative Medicine, Canal Road Jammu-180001. All prospective bidders are requested to kindly submit their queries, if any to the address indicated above so as to reach the office Stores and Purchase Officer, CSIR- Indian Institute of Integrative Medicine, Canal Road Jammu-180001 latest by **23.08.2024** .
05. Bid security in the form of Demand draft or Bank Guarantee only, as specified above and must be delivered to the above office at the date and time indicated above.–In the event of the date specified for bid receipt and opening being declared as a closed holiday for purchaser's office, the due date for submission of bids and opening of bids will be the following working day at the appointed time. Bids other than electronic mode will not be accepted.
6. As per Govt. of India procurement policies,
- a. The purchaser intends to give purchase preference to local suppliers* in case the cost of procurement is up to Rs. 50.00 lakhs.
 - b. The eligibility of the supplier is restricted to
 1. Indian Suppliers
 - or
 2. there is no restriction on the eligibility of the suppliers.
 - c. The procuring entity intends to give purchase preference to products /goods manufactured by micro, small and medium enterprises.
- *"Local supplier" means a supplier or service provider whose product or service offered for procurement meets the minimum local content of 50% as

prescribed in DIPP Order No.P-45021/2/2017-PP (BE-II) dated 28th May, 2018 or by the competent Ministries/Departments in pursuance of this order '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 items 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.

7. The Director, CSIR- Indian Institute of Integrative Medicine, Canal Road Jammu-180001 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.

sd/-
Stores & Purchase Officer

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7	Contract Form
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CRITICAL DATE SHEET

Sl. No.	Stage	Date & Time
1.	Publish Date & Time	08.08.2024
2.	Sale/document Download Start Date & Time	08.08.2024
3.	Last Date & time for receipt of queries	23.08.2024
4.	Pre-bid Conference, if any	27.08.2024 AT 11:00 AM (through HYBRID MODE) (LINK WILL BE SHARED CSIR-IIIM WEBSITE) at Board Room of CSIR-IIIM,CANAL ROAD JAMMU)
5.	Bid Submission Start Date & time	30.08.2024

		11:00AM
6.	Bid Submission End Date & Time	23.09.2024 11:00AM
7.	Bid Opening Date & Time	24.09.2024 11:00AM

CHAPTER - 1

INSTRUCTIONS TO BIDDERS

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A **Introduction**

1.1. Eligible Bidders

1.1.1 This Invitation for Bids is open to all suppliers subject to para 06 of the invitation for bids/NIT. *As per "MAKE IN INDIA" policy of GOI Only Class-I local supplier will be eligible to participate in tender if there is sufficient local capacity an local competition. Ministry of Finance, Department of Expenditure, Public Procurement Division Order No. F.No. 6/18/2019-PPD Dated 23rd July on "Restrictions under Rule 144(xi) of the General Financial Rules(GFRs) – Any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) of works(including turnkey projects) only if the bidder is registered with the Competent Authority specified in Annex I of the above said order.*

1.1.2 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.
- (b) In case of partnership MSE, the SC/ST partners shall be holding at least 51% (fifty one percent) shares in the unit.
- (c) 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.

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.

1.2 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:

- i) **“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;
- ii) **“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;
- iii) **“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;
- iv) **“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;
- v) **“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 official 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
- vi) **“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, are obliged under Code of Integrity for Public Procurement to sue-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 or 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.

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 completing 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;

- 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 Interested eligible bidders may purchase the bidding documents on payment of the cost of bidding documents as indicated in the invitation for bids/NIT or alternatively, the bidding documents can be downloaded from our Website as indicated in the Invitation for Bids/NIT free of cost.

1.5 Content of Tender 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 and Critical Date Sheet have been divided into **8** Chapters as under:

Chapter 1:	Instructions to Bidder (ITB)
Chapter 2:	General Conditions of Contract (GCC) and Special Condition of Contract (SCC)
Chapter 3:	Schedule of Requirements
Chapter 4:	Specifications and Allied Technical Details
Chapter 5:	Price Schedule Forms
Chapter 6:	Qualification requirements
Chapter 7:	Contract Form
Chapter 8:	Other Standard Forms comprising:
	(1) Bidder Information Form
	(2) Manufacturer's Authorization Form (MAF);
	(3) Bid Security Form
	(4) Bid Securing declaration
	(5) Performance Statement form
	(6) Deviation Statement Form;
	(7) Service Support details;
	(8) Bid form
	(9) Performance Security Form;
	(10) Acceptance Certificate Form
	(11) Integrity pact
	(12) Format of letter of authority for participating in bid opening

- (13) Format for declaration by the bidder for code of integrity and Conflict of interest.
- (14) Certificate for sharing land of Border. **(Annexure 5P)**
- (15) Vendor Class. **(Annexure 5Q)**

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. 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 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. However, the copies of the amendments would be sent by registered post/speed post/courier/e-mail to all the bidders who have purchased the tender documents.

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.

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/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 (SMEs) and disadvantaged sections of the society and to address environmental concerns along with preferential market access in govt. procurements.

1.9.2 For the above purpose, local supplier means a supplier or service provider whose product or service offered for procurement meets the minimum local content as prescribed in DIPP Order No.P-45021/2/2017-PP (BE-II) dated 28th May, 2018 or by the competent Ministries/Departments in pursuance of this order and 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 items 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.

1.10.1 Documents comprising the bid

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

A. Technical bid

- (a) Bidder Information Form;
- (b) Declaration abiding by the Code of Integrity and no conflict of interest for public procurement;
- (c) Bid security as specified in the Invitation to Bids;
- (d) Service support details form;
- (e) Deviation Statement Form;
- (f) Performance Statement Form;
- (g) Manufacturer's Authorization Form along with a certified copy of the Agency Agreement between the bidders and the Indian Agent;
- (h) Documentary evidence establishing that the bidder is eligible to bid and is qualified to perform the contract if its bid is accepted;
- (i) Integrity Pact.
- (j) Documents establishing goods eligibility and conformity to bidding documents; indicating the Indian Customs Tariff Number (ICT & HSN No.) .
- (k) Schedule of requirements.
- (l) Self certification that the item offered meets the minimum local content of 50% giving details of the location(s) at which the local value addition is made in case the bidder wishes to avail the benefits under the make in India policy, if applicable.
- (m) In cases of procurement for a value in excess of ₹ 10 crores, the local supplier shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content to avail the benefits under the make in India policy, if applicable.
- (n) 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.
- (o) Certificate for sharing land of Border. **(Annexure 5P)**
- (p) Vendor Class. **(Annexure 5Q)**

B Price bid

- (i) Bid form;
- (ii) Applicable Price Schedule Form;

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:

(a) For Goods manufactured within India

- (i) The price of the goods quoted Ex-works including taxes already paid.
- (ii) GST and other taxes, if any which will be payable on the goods if the contract is awarded.
- (iii) The charges for inland transportation, insurance and other local services required for delivering the goods at the desired destination as specified in the price schedule form.

- (iii) Wherever applicable, the cost towards the installation, commissioning, spares, extended warranty, AMC/CMC, site preparation and training including any incidental services, if any.

(b) ~~For Goods manufactured abroad~~

- (i) ~~The price of the goods, quoted on FCA (named place of delivery abroad) or FOB (named port of shipment), as specified in the price schedule form.~~
- (ii) ~~The charges for insurance and transportation of the goods to the port / place of destination both by Air/Sea.~~
- (iii) ~~The agency commission charges, if any.~~
- (iv) ~~Wherever applicable, the cost towards the installation, commissioning, spares, extended warranty, AMC/CMC, site preparation and training including any incidental services, if any.~~

~~The terms FOB, FCA, CIF, CIP etc. shall be governed by the rules prescribed in the current edition of the Incoterms published by the International Chambers of Commerce, Paris.~~

- 1.12.4 **Where there is no mention of packing, forwarding, freight, insurance charges, taxes etc. such offer shall be rejected as incomplete.**
- 1.12.5 The price quoted shall remain fixed during the contract period and shall not vary on any account
- 1.12.6 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.
- 1.12.7 The Purchaser is registered with Dept. of Scientific & Industrial Research, Govt. of India and concessional customs duty and GST & IGST are leviable vide notification No. 54/2002-Customs on all imports covered under Notification No.51/96-Customs dated 23.07.1996, Notification No.47/2017-Integrated Tax (Rate) and Notification No. 45/2017-Central Tax (Rate) both dated 14th November, 2017
- 1.12.8 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.
- 1.12.9 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 for offers received for supply within India and in freely convertible foreign currency in case of offers received for supply from foreign countries i.e. domestic tenderers are to quote and accept their payment in Indian currency; Indian agents of foreign suppliers are to receive their agency commission in Indian currency; cost of imported goods & services rendered in India, which are directly imported against the contract, may be quoted in foreign currency (currencies).

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 detailed description of the essential technical and performance characteristics of the goods;

- (a) 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.

1.15.4 Alternate offers/makes/models would not be considered.

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 Invitation for Bids. In the case of foreign bidders, the BS shall be submitted either by the principal or by the Indian agent and in the case of indigenous bidders; the BS shall be submitted by the manufacturer or their specifically authorized dealer/bidder.

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 for offers received for supply within India and denominated in the currency of the bid or in any freely convertible foreign exchange in the case of offers received for supplies from foreign countries in equivalent Indian Rupees. The bid security shall be in one of the following forms at the bidders' option:

- (a) A bank guarantee issued/confirmed by a Scheduled Commercial Bank in India in the form provided in the bidding documents and valid for 45 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 Scheduled commercial bank in India; or
- (b) Fixed Deposit receipt pledged in favour of the Lab. /Institute.
- (c) A demand draft in favour of the purchaser issued by any Scheduled commercial bank in India.
- (d) 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 1.16.9 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 or 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 security may be forfeited:
- (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 120 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 (by post, fax or e-mail). The bid security provided shall also be suitably extended failing which the bid would be summarily ignored. 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 envelop or in two parts as specified in the Invitation for Bids.
- 1.18.2 In case the bids are invited on single envelop basis, then the Bidder shall prepare two copies of the bid, clearly marking each "Original Bid" and "Copy Bid", as appropriate. In the event of any discrepancy between them, the original shall govern.
- 1.18.3 In case the bids are invited on two-bid system, the Bidder shall submit the bids in two separate parts. One part shall contain Technical bid comprising all documents listed under clause relating to Documents Comprising the Bid excepting bid form and price schedules. The other part shall contain the priced-bid comprising bid form and price schedules. The Bidder shall prepare two copies of the bid, clearly marking each "Original Bid" and "Copy Bid", as appropriate.
- 1.18.4 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.
- 1.18.5 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 bids may be submitted electronically only (**Bids received by Post/by hand/FAX/E-mail would not be considered for evaluation.**)
- 1.19.2 In the case of bids invited on single envelop basis, the Bidders shall seal the original and each copy of the bid in separate inner envelopes, duly marking the envelopes as "original" and "copy". The envelopes shall then be sealed in an outer envelope.
- 1.19.3 Bid may be submitted in two parts a) Technical & B) Financial
- 1.19.4 If the outer envelope is not sealed and marked as required above, the Purchaser will assume no responsibility for the bid's misplacement or premature opening. In such cases, bids received in open condition within the due date and time will be accepted at the risk of the bidder if the same is presented to the Controller of Stores & Purchase before expiry of the due date and time of opening of the bids.
- 1.19.6 Firms submitting bids in a single part against the requirement of two-bid system would be considered for further evaluation at the risk & responsibility of the bidder.

1.20. Deadline for Submission of Bids

- 1.20.1 Bids must be received by the Purchaser at the address specified at Clause 1.19.4 (a) not later than the time and date specified in invitation for bids. In the event of the specified date for the submission of Bids being declared a holiday for the Purchaser, the Bids will be received up to the appointed time on the next working day.
- 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.

1.21. Late Bids

- 1.21.1 Any bid received by the Purchaser after the deadline for submission of bids prescribed by the Purchaser will be rejected.

1.22. Withdrawal, substitution and Modification of Bids.

- 1.22.1 A Bidder may withdraw, substitute, or modify its Bid after it has been submitted in accordance with ITB Clause 1.19 duly signed by an authorized representative, and shall include a copy of the authorization in accordance with ITB Sub-Clause 1.18.4 (except that no copies of the withdrawal

notice are required). The corresponding substitution or modification of the bid must accompany the respective written notice. All notices must be:

- (a) Submitted in accordance with ITB Clauses 1.18 and 1.19 (except that withdrawal notices do not require copies), and in addition, the respective envelopes shall be clearly marked "WITHDRAWAL," "SUBSTITUTION," or "MODIFICATION"; and
- (b) Received by the Purchaser prior to the deadline prescribed for submission of bids, in accordance with ITB Clause 1.20.

1.22.2 Bids requested to be withdrawn in accordance with ITB Sub-Clause 1.22.1 shall be returned unopened to the Bidders. No bid may be withdrawn, substituted, or modified in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Bid Form or any extension thereof.

E. Opening and Evaluation of Bids

1.23 Opening of Bids by the Purchaser

1.23.1 The Purchaser will open all bids one at a time in the presence of bidders' authorized representatives who choose to attend, as per the schedule given in invitation for bids. The Bidders' representatives who are present shall sign the quotation opening sheet evidencing their attendance. 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.

1.23.2 First, envelopes marked "WITHDRAWAL" shall be opened and read out and the envelope with the corresponding bid shall not be opened, but returned to the Bidder. No bid withdrawal shall be permitted unless the corresponding withdrawal notice contains a valid authorization to request the withdrawal and is read out at bid opening. Next, envelopes marked "SUBSTITUTION" shall be opened and read out and exchanged with the corresponding Bid being substituted, and the substituted Bid shall not be opened, but returned to the Bidder. No Bid substitution shall be permitted unless the corresponding substitution notice contains a valid authorization to request the substitution and is read out at bid opening. Envelopes marked "MODIFICATION" shall be opened and read out with the corresponding Bid. No Bid modification shall be permitted unless the corresponding modification notice contains a valid authorization to request the modification and is read out at Bid opening. Only envelopes that are opened and read out at Bid opening shall be considered further.

1.23.3 The bidders' names, bid modifications or withdrawals, bid prices, discounts, and the presence or absence of requisite bid security and such other details as the Purchaser, at its discretion, may consider appropriate, will be announced at the opening. No bid shall be rejected at bid opening, except for late bid(s). The contents of the bid forms and price schedules would however be announced only at the time of opening of Priced-bids in the case of two-bid system.

1.23.4 Bids that are received late shall not be considered further for evaluation, irrespective of the circumstances.

1.23.5 **Bidders interested in participating in the bid opening process, should depute their representatives along with an authority letter to be submitted to the purchaser at the time of bid opening as per form Annexed at Chapter-9.**

1.24. Confidentiality

1.24.1 Information relating to the examination, evaluation, comparison, and post qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until publication of the Contract Award.

1.24.2 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.

1.25. Clarification of Bids

1.25.1 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 in writing 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.

1.26. Preliminary Examination

1.26.1 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.

1.26.2 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 bidder has not quoted for the entire requirement as specified in that schedule.
 - (viii) The bidder has not agreed to some essential condition(s) incorporated in the tender enquiry.

1.27 Bidder's right to question rejection.

1.27.1 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.

1.27.2 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.

1.28 Responsiveness of Bids

1.28.1 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
- (c) If rectified, would unfairly affect the competitive position of other bidders presenting substantially responsive bids.

1.28.2 The purchasers' determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.

1.28.3 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.

1.28.4 If a bidder quotes Nil Charges/consideration, the bid shall be treated as unresponsive and will not be considered.

1.29 Non-Conformity, Error and Omission

1.29.1 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.

1.29.2 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.

1.29.3 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:

- (b) 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;
- (c) 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.

1.29.4 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.

1.30 Examination of Terms & Conditions, Technical Evaluation

- 1.30.1 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.
- 1.30.2 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.
- 1.30.3 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 1.28, it shall reject the Bid.

1.31 Conversion to Single Currency

- 1.31.1 To facilitate evaluation and comparison, the Purchaser will convert all quoted prices expressed in various currencies to Indian Rupees at the selling exchange rate established by any bank in India as notified in the Newspapers on the date of bid opening (techno-commercial bid in the case of two-part bidding) For this purpose, exchange rate notified in www.xe.com or www.rbi.org or any other website could also be used by the purchaser.

1.32 Evaluation and comparison of bids

- 1.32.1 The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive.
- 1.32.2 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.
- 1.32.3 Purchase preference shall be given to all local suppliers in all procurements undertaken by the purchaser in the following manner:
- (a)** Where the purchaser has restricted the eligibility of suppliers to Indian suppliers only, as per para 06 of the invitation to bid/NIT. This is applicable only for those items for which the Nodal Ministry has communicated that there is sufficient local capacity and local competition for the cost of procurement up to Rs. 50.00 lakhs.
- (b)** If the tendered items are not listed by the Nodal Ministry indicating the local capacity and local competition, the following procedure of evaluation shall be followed, irrespective of value:
- (i) Among all qualified bids, the lowest bid will be termed as L1. If L1 is from a local supplier, the contract for full quantity will be awarded to L1.
- (ii) If L1 bid is not from a local supplier, 50% of the order quantity shall be awarded to L1. Thereafter, the lowest bidder among the local suppliers, will be invited to match the L1 price for the remaining 50% quantity, subject to the local supplier 's quoted price which should fall within the margin of purchase preference of 20%. The contract for that quantity shall be awarded to such local supplier, who matches the L1 price. In case such lowest eligible local supplier fails to match the L1 price or accepts less than the offered quantity, the next higher local supplier within the margin of purchase preference shall be invited to match the L1 price for the remaining quantity and so on. The contract shall be awarded accordingly. In case some quantity is still left uncovered on the part of local suppliers, the balance quantity may also be ordered to the L1 bidder.
- (c)** If the tendered item is not divisible, the following procedure of evaluation shall be followed:
- i. Among all qualified bids, the lowest bid will be termed as L1. If L1 is from a local supplier, the contract will be awarded to L1.
- ii. If L1 is not from a local supplier, the lowest bidder among the local suppliers will be invited to match the L1 price, subject to local supplier's quoted price falling within the margin of purchase preference of 20%. Accordingly, the contract shall be awarded to the local supplier matching the L1 price.
- iii. In case such lowest eligible local supplier fails to match the L1 price, the local supplier with the next higher bid within the margin of purchase preference shall be invited to match the L1 price. This may be repeated until all the local suppliers are given an opportunity to match the L1 price. The contract shall be awarded accordingly. In case none of the local suppliers within the margin of purchase preference match the L1 price, the contract may be awarded to the L1 bidder.

- 1.32.4 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 MSEs within such price band.
- 1.32.5 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.
- 1.32.6 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.
- 1.32.7 The bids shall be evaluated on the basis of final landing cost which shall be arrived as under:

For goods manufactured in India

- (i) The price of the goods quoted ex-works including all taxes already paid.
- (ii) GST and other taxes, if any which will be payable on the goods if the contract is awarded.
- (iii) Charges for inland transportation, insurance and other local services required for delivering the goods at the desired destination.
- (iv) Wherever applicable, the cost towards the installation, commissioning, spares, extended warranty, AMC/CMC, site preparation and training including any incidental services, if any.

For goods manufactured abroad

- ~~(i) The price of the goods, quoted on FCA (named place of delivery abroad) or FOB (named port of shipment), as specified in the bidding document.~~
- ~~(ii) The charges for insurance and transportation of the goods to the port/place of destination.~~
- ~~(iii) The agency commission etc., if any.~~
- ~~(iv) Wherever applicable, the cost towards the installation, commissioning, spares, extended warranty, AMC/CMC, site preparation and training including any incidental services, if any.~~

- 1.32.8 The comparison between the indigenous and the foreign offers shall be made on FDR destination basis and CIF/CIP basis respectively. However, the CIF/CIP prices quoted by any foreign bidder shall be loaded further as under:
- (a) Towards customs duty and other statutory levies—as per applicable rates.
 - (b) Towards custom clearance, inland transportation etc. - 2% of the CIF/CIP value.

The bidder should give a clear cut breakup of EXW, FOB/FCA, CIF/CIP prices to facilitate proper comparison with the purchaser reserving the right to order on either basis, failing which the bid would be summarily ignored.

Note: Where there is no mention of packing, forwarding, freight, insurance charges, taxes etc. such offers shall be rejected as incomplete.

- 1.32.9 Orders for imported stores need not necessarily be on FOB/FCA basis rather it can be on the basis of any of the incoterm specified in ICC Incoterms 2010 as may be amended from time to time by the ICC or any other designated authority and favorable to the purchaser.
- 1.32.10 Wherever the price quoted on FOB/FCA and CIF/CIP basis are the same, the Contract would be made on CIF / CIP basis only.
- 1.32.11 The GCC and the SCC shall specify the mode of transport i.e., whether by air/ocean/road/rail.

1.32.12 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.

1.32.13 The Purchaser shall compare all substantially responsive bids to determine the lowest valuated bid, in accordance with ITB Clause 1.32.

1.33 Contacting the Purchaser

1.33.1 Subject to ITB Clause 1.25, 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.

1.33.2 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.

1.34 Post qualification

1.34.1 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.

1.34.2 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.

1.34.3 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

1.35 Negotiations

1.35.1 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.

1.36 Award Criteria

1.36.1 Subject to ITB Clause 1.39, 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.

1.37 Purchaser's right to vary Quantities at Time of Award

1.37.1 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.

1.38 Option Clause

1.38.1 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)

1.39 Purchaser's right to accept Any Bid and to reject any or All Bids

1.39.1 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.

1.40 Notification of Award

- 1.40.1 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.
- 1.40.2 Until a formal contract is prepared and executed, the notification of award should constitute a binding contract.
- 1.40.3 Upon the successful Bidder's furnishing of the signed Contract Form and performance security pursuant to ITB Clause 1.43, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security.

1.41 Signing of Contract

- 1.41.1 Promptly after notification, the Purchaser shall send the successful Bidder the Agreement/Purchase Order.
- 1.41.2 Within twenty-one (21) days of date of the Purchase Order, the successful Bidder shall sign, date, and return it to the Purchaser.

1.42 Order Acceptance

- 1.42.1 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.
- 1.42.2 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.

1.43 Performance Security

- 1.43.1 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.
- 1.43.2 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.
- 1.43.3 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.
- 1.43.4 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.
- 1.43.5 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.
 - (b) A Fixed Deposit Receipt pledged in favour of the Purchaser.
- 1.43.6 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.
- 1.43.7 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.

1.43.8 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.

1.43.9 **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.**

1.44. Pre-bid Conference (PBC)

1.44.1 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 (with envelope bearing Tender No. and Date on top and marked "Queries for Pre-bid Conference") so as to reach the purchaser 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. Before formulating and submitting their bids, all prospective bidders are advised to surf through the purchaser's website after the Pre-bid Conference, in order to enable them take cognizance of the revised tender conditions.

1.45 Integrity Pact

1.45.1 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.

1.45.2 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.

1.45.3 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.

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

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

1.45.6 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.

1.45.7 The modal format of IP is at Chapter-8.

CHAPTER 2

CONDITIONS OF CONTRACT

A GENERAL CONDITIONS OF CONTRACT (GCC)

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GENERAL CONDITIONS OF CONTRACT (GCC)

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 there from, as may be made pursuant to the Contract.
- (d) "Day" means calendar day.
- (e) "Completion" means the fulfilment of the Goods and related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.

"GCC" means the General Conditions of Contract.

- (f) "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.
- (g) "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.
- (h) "SCC" means the Special Conditions of Contract.
- (i) "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.
- (j) "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) 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.
- (m) The "Purchaser" means any of the constituent Laboratory/Institute of the Council situated at any designated place in India as specified in SCC.
- (n) "The final destination," where applicable, means the place named in the SCC.

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 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:

- 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 fulfilment 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, 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 claim.

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 issued by a Nationalized/Scheduled bank located in India or a bank located abroad in the form provided in the bidding documents.
- Or
- (b) A Fixed Deposit Receipt pledged in favour of the Purchaser.
- 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, 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 2.16.3 The terms FOB, FCA, CIF, CIP, etc. shall be governed by the rules prescribed in the current edition of the Incoterms published by the International Chambers of Commerce, Paris.

2.16.3 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 despatch, 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 CIF/CIP 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 CIF or CIP 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 FOB or FCA basis, insurance would be the responsibility of the purchaser.

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 In the case of supplies from within India, where 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 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 or 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 a 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.

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 fulfilment 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 days after submission of the invoice or claim by the Supplier. While claiming the payment, the supplier should certify in the bill/invoice that the payment being claimed strictly in terms of the contract and all obligations on the part of the supplier for claiming the payment have been fulfilled as required under the contract.*
- 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.

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 liquidated damages, 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 liquidated damages pursuant to liquidated damages 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 in case the delivered price of the delayed goods or unperformed services cannot be ascertained from the contract, 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 etc 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, Liquidated damages 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) If any dispute or difference arises between the parties hereto as to the construction, interpretation, effect and implication of any provision of this agreement including the rights or liabilities or any claim or demand of any party against other or in regard to any other matter under these presents but excluding any matters, decisions or determination of which is expressly provided for in this Agreement, such disputes or differences shall be referred to an Arbitral Bench consisting of three Arbitrators, one each to be appointed by each party and the two Arbitrators shall appoint a third Arbitrator who shall be the presiding Arbitrator. A reference to the Arbitration under this Clause shall be deemed to be submission within the meaning of the Arbitration and Conciliation Act, 1996 and the rules framed thereunder for the time being in force. Each party shall bear and pay its own cost of the arbitration proceedings unless the Arbitrators otherwise decides in the Award.
- (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. i.e **JAMMU(J&K)**

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 Notices

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, whichever 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 outside India.

2.36.2 For goods Manufactured within India, 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 IT, etc.) wherever applicable.**

2.36.5 **Customs Duty** – If the supply is from abroad this Institute is permitted to import goods as per notification No.51/96 – Customs and pay a concessional duty up to 5% as per notification 24/2002 – Customs on all imports.

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 (+_ 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 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 contract or Purchase Order, the purchaser may procure, upon such terms and in such a manner as it deems appropriate, Goods or Services similar to those undelivered and the Supplier shall be liable to the purchaser 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.

B **SPECIAL CONDITIONS OF CONTRACT Table of Contents**

Sl. No.	GCC Clause
01.	GCC 2.1.1 (m)
02.	GCC 2.1.1 (n)
03.	GCC 2.13.1
04.	GCC 2.15.2
05.	GCC 2.16.1
06.	GCC 2.16.3
07.	GCC 2.17.1
08.	GCC 2.21.3
09.	GCC 2.22.1
10.	GCC 2.27.1
11.	GCC 2.27.1
12.	GCC 2.34.1
13.	GCC 2.35.1
14.	GCC 2.43.1
15.	GCC 2.43.2

Special conditions of contract (SCC)

The following Special Conditions of Contract (SCC) shall supplement and / or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

S.No	GCC Clause Ref	Condition
1.	GCC 2.1.1(i)	The Purchaser is: CSIR-Indian Institute of Integrative Medicine , Canal Road Jammu -180001 <i>(name and complete postal address) email- dilip.spa@iiim.res.in, purchase@iiim.ac.in</i>
2.	GCC 2.1.1(m)	The Final Destination is: CSIR-IIIM Canal Road Jammu -180001
3.	GCC 2.13.1	The amount of the Performance Security shall be 03% of the contract value.
4.	GCC 2.15.2	The marking and documentation within and outside the packages shall be: (a) Each package should have a packing list within it detailing the part No(s), description, quantity etc. (b) Outside each package, the contract No., the name and address of the purchaser and the final destination should be indicated on all sides and top. (c) Each package should be marked as 1/x, 2/x, 3/x.....x/x, where "x" is the total No. of packages contained in the consignment. (d) All the sides and top of each package should carry an Appropriate indication/ label/ stickers indicating the precautions to be taken while handling/storage.
5.	GCC 2.16.1	<p>Details of Shipping and other Documents to be furnished by the Supplier are : <u>For goods manufactured within India</u> Within 24 hours of dispatch, the supplier shall notify the purchaser the complete details of dispatch and also supply following documents by registered post / speed post and copies thereof by FAX/Email.</p> <p>(a) Two copies of Supplier's Invoice indicating, <i>inter-alia</i> description and specification of the goods, quantity, unit price, total value; (b) Packing list; (c) Certificate of country of origin; (d) Insurance certificate, if required under the contract; (e) Railway receipt/Consignment note; (f) Manufacturer's guarantee certificate and in-house inspection certificate; (g) Inspection certificate issued by purchaser's inspector, if any; and (h) Any other document(s) as and when required in terms of the contract.</p> <p>Note:</p> <ol style="list-style-type: none"> The nomenclature used for the item description in the invoices(S), packing list(s) and the delivery note(s) etc. should be identical to that used in the contract. The dispatch particulars including the name of the transporter should also be mentioned in the Invoice(s). The above documents should be received by the Purchaser before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses. Purchaser before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.

		<p><u>For goods manufactured abroad</u> Within 24 hours of dispatch, the supplier shall notify the purchaser the complete details of dispatch and also supply following documents by Registered Post/courier and copies thereof by FAX/Email.</p> <p>(a) Two copies of supplier's Invoice giving full details of the goods including quantity, value, etc.;</p> <p>(b) Packing list;</p> <p>(c) Certificate of country of origin issued by supplier;</p> <p>(d) Manufacturer's guarantee and inspection certificate;</p> <p>(e) Inspection certificate issued by the Purchaser's Inspector, if any;</p> <p>(f) Insurance Certificate, if required under the contract;</p> <p>(g) Name of the Vessel/Carrier;</p> <p>(h) Bill of Lading/Airway Bill;</p> <p>(i) Any other document(s) as and when required in terms of the contract.</p> <p>Note:</p> <p>1. The nomenclature used for the item description in the Invoices (s), packing list(s) and the delivery note(s) etc. should be identical to that used in the contract. The dispatch particulars including the name of the transporter should also be mentioned in the Invoice(s).</p> <p>2. The above documents should be received by the Purchaser before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses</p>
6.	GCC 2.16.3	<p>In case of supplies from within India, the mode of transportation shall be by <i>Air/Rail/Road. (retain one only)</i></p> <p>In case of supplies from abroad, the mode of transportation shall be by <i>Air/Ocean. (retain one only)</i></p>
7.	GCC 2.17.1	<p>The Insurance shall be for an amount equal to 110% of the CIF or CIP value of the contract from within "warehouse to warehouse (final destination)" on "all risk basis" including strikes, riots and civil commotion</p>
8.	GCC 2.21.3	<p>The period of validity of the Warranty shall be 03 YEARS(36 months from the date of acceptance, installation , testing and commissioning.)</p>
9.	GCC2.22.1	<p>The method and conditions of payment to be made to the Supplier under this Contract shall be as follows:</p> <p>Payment for Goods supplied from abroad: Payment of foreign currency portion shall be made in currency of the Contract in the following manner:</p> <p>a) On Shipment: 80 percent (80 %) of the Contract Price the Goods shipped shall be paid through irrevocable letter of credit opened in favour of the Supplier in a bank in its country, upon submission of documents specified in GCC Clause 2.16.</p> <p>b) On Acceptance: 20 percent (20%) of the Contract Price of Goods received shall be paid within thirty (30) days of receipt of Goods and successful installation & commissioning upon submission of claim supported by the acceptance certificate issued by the Purchaser along with the Performance security, if any.</p>
	GCC 2.22.1	<p>The L/C will be confirmed at the suppliers cost, if requested specifically by the supplier. All bank charges abroad shall be to the account of the beneficiary i.e. supplier and all bank</p>

		<p>charges in India shall be to the account of the opener i.e. purchaser. If L/C is requested to be extended/ reinstated for reasons not attributable to the purchaser, the charges thereof would be to the suppliers' account. Payment of local currency portion shall be made in Indian Rupees within thirty (30) days of presentation of claim supported by a certificate from the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed. The LC for 100% value of the contract shall be established after deducting the agency commission payable if any, to the Indian agent from the FOB/FCA value.</p> <p><u>Payment for Goods and Services supplied from India:</u></p> <p>1) <u>100% on receipt of SUPPLY, INSTALLATION, TESTING, COMMISSIONING & DEMONSTRATION OF FERMENTERS & OTHER ACCESSORIES Fermenters 15L, 200L,1000L and 5000L and supporting downstream facility along with compatible utility</u></p> <p>2) After shipment/delivery of 100% material at site : 80 percent of the total material supplied Price shall be paid on receipt of the Goods in good condition and upon submission of the documents specified in GCC Clause 16.1</p> <p>On Acceptance: Balance amount of the contract (20 PERCENT) value shall be paid to the Supplier within thirty(30) days after the date of the acceptance certificate by the Purchaser subject to submission of performance Bank Guarantee.</p> <p>3) iii) Advance payment @30% of contract value against BG valid for one year. iv) Final payment @70% of contract value after installation, testing and commissioning of utility.</p> <p>Note: All payments due under the Contract shall be paid after deduction of statutory levies at source (like ESIC, Income Tax, etc.), wherever applicable.</p>
10	GCC 2.27.1	The penalty shall be 0.5% per week or part of a week towards late delivery and towards delay in installation and Commissioning.
	GCC 2.27.1	The maximum amount of penalty shall be 10%
11.	GCC 2.34.1	The place of jurisdiction is Jammu (J&K) (name of the place from where the contract is issued)
12.	GCC 2.35.1	For notices, the Purchaser's address is The Director, CSIR-Indian Institute of Integrative Medicine Canal Road Jammu
13.	GCC 2.35.1	Telephone: :+91- 2585032 EPABX Tel:+91 _____ Facsimile number: :+91 _____ Electronic mail address purchase@iiim.ac.in dilip.spo@iiim.res.in

14.	GCC 2.43.1	The integrity pact is to be signed.
15.	GCC 2.43.2	<i>The name and contact details of the IEMs are as under:</i> 1. <u>DR. PRABAKARAN PALANIAPPAN, IAS (Rtd)</u> <u>Email: pprabakaranias@gmail.com</u> 2. <u>DR. RAJAN S KATOCH, IAS (Rtd) Email: rkatoch@nic.in</u>

CHAPTER 3

(To be filled)

by the bidder as appropriate and enclosed with the Technical Bid)

SCHEDULE OF REQUIREMENT

Sl. No.	Brief Description of Goods & Services	Quantity	Physical Unit	Final destination/ Place	Delivery Schedule (to be filled by the bidder)	Time frame required for conducting installation, commissioning of the eqpt., acceptance test, etc. after the arrival of consignment (to be filled by the bidder)

Term of delivery: FOB / FCA / CIF / CIP _____ *(named part of shipment or named place of delivery)*

(retain only one)

Period of delivery shall count from : _____

(to be filled by the bidder)

Scope of Supply : _____

Training requirement: _____

(Location, no. of persons, period of training, nature of training)

Date :

Place :
Signature of the Bidder

Notes for Bidders:

- (1) The delivery schedule shall clearly indicate the time period within which the successful bidder must deliver the consignment in full from the date of establishment of LC or from the date of contract or from the date of advance payment etc. It should also indicate separately the time period desired for installation and commissioning of the equipment after arrival of the consignment at the premises of the Purchaser.
- (2) The date or period for delivery should be carefully specified, taking into account
 - (a) The implications of delivery terms stipulated in the Instructions to Bidders pursuant to the Incoterms rules (i.e., EXW, or CIF, CIP, FOB, FCA terms— that “delivery” takes place when goods are delivered to the carriers), and
 - (b) The date prescribed herein from which the delivery obligations start (i.e., notice of award, contract signature, opening or confirmation of the letter of credit, date of releasing advance payment etc.).

/ CIF / CIP _____ (*named port of shipment or named place of delivery*)

(retain only one)

Period of delivery shall count from : _____

(to be filled by the bidder)

Scope of Supply : _____

Training requirement: _____

Notes for Bidders:

- (1) The delivery schedule shall clearly indicate the time period within which the successful bidder must deliver the consignment in full from the date of establishment of LC or from the date of contract or from the date of advance payment etc. It should also indicate separately the time period desired for installation and commissioning of the equipment after arrival of the consignment at the premises of the Purchaser.
- (2) The date or period for delivery should be carefully specified, taking into account
 - (a) The implications of delivery terms stipulated in the Instructions to Bidders pursuant to the Incoterms rules (i.e., EXW, or CIF, CIP, FOB, FCA terms— that “delivery” takes place when goods are delivered to the carriers), and

The date prescribed herein from which the delivery obligations start (i.e., notice of award, contract signature, opening or confirmation of the letter of credit, date of releasing advance payment etc.).

Chapter 4

REVISED TECHNICAL SPECIFICATION AFTER PRE-BID MEETING

SUPPLY, INSTALLATION, TESTING, COMMISSIONING & DEMONSTRATION OF FERMENTERS & OTHER ACCESSORIES

(Fermenters 15L/200L/1000L and 5000L and supporting downstream facility along with compatible utility)

EQUIPMENT DESCRIPTION

All fermenters (15L/200L/1000L and 5000L), their accessories including their ports should be compatible and suitable for the cultivation of both bacterial and fungal culture. Each fermenter and vessel should be interconnected with a *in-situ* sterilizable transfer line equipped with three-way valve to transfer seed culture and other chemicals. All probes should be of high qualities and should be supplied with cables and transmitter. They should be sterilizable and should work in the standard range of operation. It should be ensured the probes of one fermenter can also be utilized in other fermenter. Fermenters should have capable of maintaining a defined internal pressure. A fermenter skid of SS 304 frame should also be provided which should be equipped with support racks for mounting of the filters, pumps, and other subsystems. All fermentation facilities should be equipped with standard and compatible along with their tubing to carry out operation such as acid, base, antifoam, media inoculum transfer.

Specifications of Fermenters 15L/200L/1000L and 5000L

S.No.	Specifications	Fermenter	Fermenter	Fermenter	Fermenter	Remarks
1.	Geometric volume (Liter)	15 L	200 L	1000 L	5000 L	
2.	Maximum working volume	10 L or more	150 L or more	750 L or more	3750 L or more	
3.	Qty.	01 each				
4.	Shell (SS316L)	Cylindrical				For Fermentation
5.	Top closure (SS316L)	Flat dish for 15 L, 200 L		Tori spherical dish for 1000 L, 5000 L		
6.	Type	Semi-automated				
7.	Working temperature	15 °C -125°C				
8.	Working pressure	-0.5 to 2.5 bar or better				
9.	Design pressure	Vessel -1 to 4.0 bar or better, Jacket -1 to 5.0 bar or better				
10.	Design temperature	15 °C to 150 °C				
11.	Rise in temperature (heating capacity)	2°C to 4°C/min or better				
12.	Fall in temperature (cooling capacity)	2 °C to 4°C/min or better				
13.	Temperature control deviation	±0.5°C				
14.	Sight glass	Sight glass should be of toughened borosilicate				
15.	Surface Finish	Internally Electro polished to a 20Ra µin (0.51 µm) max. and then electropolished to meet the acceptance criteria for ASME BPE designation SF5.				
		Externally Mechanically polished up to Ra <0.8µm mirror finish for the jacket or better				

		Stainless steel piping interior maximum of 25Ra µin (0.65 µm), and then electropolished to meet the acceptance criteria for ASME BPE designation SFB.		
16.	Spray ball		SS 316 L Spray balls (2 nos) for covering entire internal area of vessel i.e., top dish, shell, bottom agitator etc with 360° static sprays.	
MATERIAL OF CONSTRUCTION				
17.	All parts in contact with the culture	SS 316L		
18.	Jacket with Spiral limpet coil	SS 304		
19.	'O' rings	O-rings for process connection should be silicon (Sulfur free), EPDM, EPM		
20.	Agitator (Top mounted)	<ul style="list-style-type: none"> ➤ SS 316L (The vessel should be designed with Top driven agitator with fixed geared motor with double mechanical seal with air lubrication. The slide in height adjustable six blade impellers (3nos for each) should be of standard type number will be depend on types of fermenters. ➤ The diameter of impeller should be around 1/3rd of the ID of vessel. ➤ Agitator of all fermenter should be capable of maintaining tip speed of 4 m/s or more 		For mixing the process fluid constantly & keep uniform solution and to avoid dead air pocket
		Rushton (15 L, 200 L)	Rushton (1000 L)	
21.	Cladding	SS 304 or better		Mineral wool/USFDA/ NSF approved. cladding to be welded to jacket; To avoid heat loss
22.	Top Dish	Head Plate should have: <ol style="list-style-type: none"> 1. Feed charging port 2. Light glass 3. Air exhaust port 4. Pressure gauge 5. Safety valve 6. Air inlet 7. Port for overlay air 8. Antifoam port 9. level sensor 		
23.	Lower wall side	The lower wall side should have the following standard ports and elements should be placed and fastened there: Three Ports for temperature sensor, pH, DO at least One Spare ports		
24.	Bottom Connections	Port for flush bottom valve – Flush welded to the bottom dish, sterilizable Zero dead leg valve.		
25.	Jacket Connection	<ol style="list-style-type: none"> 1. Jacket Bottom: Jacket Inlet port, jacket drain 2. Jacket Upper side: Jacket outlet port, jacket relief valve 	5000 L fermenter should have Limpet jacket.	

26.	Flush Bottom Valve	It is also Zero Dead Leg type valve directly welded to vessel bottom centrally, having a PTFE/EPDM diaphragm.	
27.	Transfer line	Transfer lines to the fermenter should be SS316	
28.	Baffles:	<ul style="list-style-type: none"> ➤ Type- Fix ➤ MOC- SS316L ➤ No. of Baffles- 04 or better ➤ Thickness: as per standard ➤ Height- $\geq 75\%$ of the vessel height ➤ The length of baffles should be around $1/10^{\text{th}}$ of ID of vessel. 	
29.	Exhaust System	<ul style="list-style-type: none"> ➤ MOC-SS316 ➤ Connected to atmosphere through 0.22 μ Sterilizable grade air filter. ➤ Cooling Condenser has to be provided to condense escaping moisture. This should be designed in accordance with ASME Code. ➤ Exhaust filter system should have at least one more port. ➤ The filter housing should be equipped with the necessary drain for removing condensate during sterilization. 	One extra exhaust system is required in case of blockage in filter

Note: All welds should be ground finished and properly passivated. Surface finish at the welding site should be Ra < 0.8 μ or better

S.No.	COMPONENT / INSTRUMENT	Quality std.
1.	VALVES	Burkert or equivalent
	Manual/Actuated Diaphragm Valves	
	Manual ball valves	
	Diaphragm Valves	
	Pneumatic Diaphragm Valves	
	Angle seat valves	
	PID Control valve	
2.	Safety relief valve (Jacket Line)	HEW/Cipriani or equivalent
3.	ZDL Bottom valve/ Sampling valve	Burkert or equivalent
4.	Non-return valve (Process)	Spriax sarco or equivalent
5.	Non-return valve (Drain)	
6.	Plant steam pressure regulating valve	Burkert or equivalent
7.	Clean steam pressure regulating valve	
8.	Back Pressure control valve	Burkert or equivalent
9.	Vent filter Housing/air filter Housing/ Disc filter	Pall/Sartofluor or equivalent
10.	Pressure Guage, Pressure Sensor with Transmitter	WIKA/JUMO /Redix/Wika/Baumer or equivalent
11.	Mechanical seal	Rolon Seals /Eagle Burgmann or equivalent
12.	Light glass /Sight glass	Toughened
13.	pH sensor with Transmitter	Mettler Toledo /Hamilton/or equivalent
14.	DO sensor with Transmitter	
15.	Steam trap	Steam lok/Spirax sarco/Forbes marshal or equivalent
16.	Bearings	SKF or equivalent
17.	Bearing grease (food grade)	Kluber or equivalent
18.	Filter cartridge	Pall/ sartorius or equivalent
19.	Agitator	Schneider servo and siemens or equivalent

20.	Rotameter	Scientific instruments pvt ltd./Eureka or equivalent
21.	MFC	Azbil / Brooks/ SMC / Burkert or equivalent
22.	Peristaltic pump with tubing (Acid, Alkali and inoculum, antifoam)	Watson Marlow or equivalent
23.	Flexible hose	Burkert/ Watson marlow or equivalent
24.	Circulation pump	WILD /GNP or equivalent
25.	VFD	Schneider servo motor or equivalent
26.	Solenoid Valve gang	SMC or equivalent
27.	Antifoam sensor	Vega or equivalent
28.	Level Sensor	Burkert/ Vega or equivalent
29.	Pneumatic accessories	SMC or equivalent
30.	Silicon gasket	SMC or equivalent
31.	Heat exchanger	Alfa laval/THERMAX or equivalent
32.	PLC + HMI	Siemens or equivalent
33.	SCADA	Win CC (siemens)/ Xenon or equivalent

GENERAL REQUIREMENTS:

Top Dish/Upper wall side

The Fermenter Head Plate should have:

- Flat top for 15 L and 200 L fermenters
- Dished Top as well as Dished bottom (1000 L and 5000 L)
- Port for addition of antifoam with dedicated peristaltic pump.
- Port for Sparger, acid, base and 2 free spare ports for, antifoam, feed with dedicated peristaltic pump.
- Port for Light/Sight Glass and level sensor.
- Sight Glass for 15 L, 200 L wall side.
- Sight Glass on top in the 1000 L, 5000 L.
- Port for main hole – flushed flange with O-rings or main hole as per requirement
- Port for pressure relief valve
- Port for Compound Pressure Gauge and transmitter.
- Port for CIP/ SIP Spray Balls (2 nos)- TC clamps with gasket for 1000 L and 5000 L.
- Port for exhaust Outlet Condenser with Filter (hydrophobic vent filter 0.22µm or better)
- Pressure regulating valve - TC clamps with gasket.
- Port for CIP recirculation loop - TC clamps with gasket.
- Spare port- TC clamps with gasket.
- Automatic back pressure control valve.
- Spray balls (2 nos) for 1000 Lit and 5000 Lit.

General vessel specifications are as under:

Agitator: The vessel should be designed with Top driven agitator with double mechanical seal with air lubrication. The impellers should be of standard type with split hub and blades bolted to impellor disc with height adjustable. The impeller should be $1/3^{\text{rd}}$ of the vessel ID.

Aeration Supply System should have: Aeration system consists of Sparger Line & Overlay Line with one manual valve. Sparger line consists of appropriate design (e.g. $2/3^{\text{rd}}$ of the impeller diameter) at vessel bottom with holes / sintered filters on it to evenly distribute air. Filter cartridges of $0.22\mu\text{m}$ (sterile filter) pore sizes along with their housings should have to ensure sterile air. Cartridges should be autoclavable (as a part of the SIP cycle while housings are made from SS316L having internal surface finish similar to that of Fermenter vessel. Filter housing should have with necessary drain arrangements. The Fermenters should have facility for supplying of process air during process. Process Air addition line should be provide with:

- Mass flow controllers and rota meter should be supplied for inlet gases (air, oxygen, N_2). There should be a gas mixing station for individually a proper mixing of gas in a defined ratio and should be fed in the fermenter through a common inlet filter.
- Diaphragm valve & non-return valve to measure & control its flow rate. Non return valve prevents back flow of air during adverse conditions.
- The flow rates of process air should be up to 2 VVM

Temperature Control: The temperature control system should have installed in the basic frame

- Pressurized water circuit with powerful circulation pump with should provide which should provide a high flow through the hollow vessel jacket for fast temperature control and accuracy.
- Heat exchangers (with electrical heater) for cooling water & chilled water for operation temperature.
- Safety relief valve, pressure indicator, 3 wire temperature sensor PT100.
- Pneumatically operated valves for steam and cooling water/ chilled water.

Vent Line/Exhaust Line: Fermenters vent line should be including a condenser, a sterile hydrophobic vent filter, heat exchanger & pressure regulating valve. Sterile safety valves to relieve excess pressure during operations, pressure sensor along with a pressure gauge should be provided.

Sampling valve:

- Valve attached directly to the lower wall (knuckle of the vessel) of the vessel, with a provision for SIP (Sterilization in Place). The diaphragm should be of PTFE/EPDM type. All sampling should be performed automatically via the access window in the sampling corridor.

- Integration of electric boiler/steam generator (50 kg/hr or better) for sterilization of sample lines, transfer lines and other miscellaneous sterilization
- The sampling arrangement should be capable of connecting bottles from 100 ml to 500 ml.

Spray Balls (for 1000L and 5000 L): should be positioned properly to assure that all ports in top dish of vessel get properly sprayed and clean all the internal surfaces.

Controller (for 15, 200, 1000, and 5000L): - All parameters should be monitored and controlled using PLC and software. PLC should have a minimum 10" touch screen large (or better) HMI (Displaying data trends as Graphs, synoptic view of running parameters etc.). DO should be controlled in a cascade manner using agitation speed and gas flow rate. Each fermenter should be controlled independently using a single monitoring and control system.

SCADA Software: -

Licensed and Latest Windows based Supervisory Control and Data Acquisition Software for monitoring and control of various process parameters should be installed. The Software should be capable for remote logging and process control. The system, designed for process validation, batch management features, multi-parameter display, time-based programming of set points, regulation of process by both measured and calculated variables (by using equations), equation writing and its integration for control of fermenter parameters, ability to set both high and low limits and alarms, graphic/ Trends / plotting, off-line data integration (data sheet compatible with MS-Excel/PDF etc. and batch reports). Each fermenter should be controlled individually.

FDA Guidance for Industry

- ✓ Documentation for Sterilization Process Validation

GAMP compliance

ASME compliance

ASME-BPE 2014 compliance

Electrical Standards compliance

- NEC, NFPA 70
- DIN
- CSA, UL

SIP of Fermenter

The following principles should be applied for SIP of the system:

- The Fermenters should be provided with FSIP features.
- The inlet air filter for overlay aeration to be sterilized independently.
- The exhaust air filters to be sterilized independently.
- The sampling valve can be sterilized independently.
- All addition valve groups (Feed, Acid/Alkali and Inoculum) should be sterilized together with fermenter vessel.

- The valve groups for harvest should be sterilized independently.

Use of lubricants: Any lubricant, if used in the equipment should be of pharma grade (FDA approved) and nontoxic.

Factory Acceptance Test (FAT) procedures should include: -

- Verification of vessel documentation
- Verification of dimensions and completeness
- Test of surface roughness
- Spray ball coverage test (for 1000L and 5000 L)
- Equipment checklist and documentation check
- Checklist to show equipment properly installed, with services connected, equipment clean
- Test equipment used and date of calibration.

Cleaning requirement:

- The equipment should be easily accessible for cleaning the non-contact part at maintenance side of the equipment.
- All bolts, nuts on the exterior part of equipment will be with cap head or cap nut Cleaning of external product non-contact part should be done manually.
- Cleaning of product contact parts should be done automatically also for multi-port block valves (CIP / SIP)

COMPUTER SOFTWARE (SCADA)

- Batch data
- Initialising a batch
- Data acquisition
- Set point control
- Time profiling control
- Calculated cascade control
- Manual data entry in batch information
- Output in graphics or text mode
- Alarms
- Data export to convenient windows-based program
- On-line and Off-line calculations
- Graphic and plotting modules for data analysis

Controls/Communication / Automation System

Hardware design scope

I/O list, Instrument data sheets, Valve sizing

Authorization of Automation

Communication interconnection details

Software Design Specification

Scada/ PLC details

Automation framework / Network Architecture/Functional Specification/Alarm & interlock details/ Control loop & sequence test details

Manufacturing Documentation

Material Certificates

Welding Documentation

Electro polishing procedure/ report.

Passivation Procedure report

Support and Training:

- A special training for operators, and maintenance, electrician staff must be included.
- Training documentation to be issued for operator's easy handling and error analysis.
- A Qualified and experienced personnel should be included in the offer to support the facility for at-least one year.

Data integrity and Communication Protocols:

- System security should be provided to access the operation system and to alter configurable parameter values through access password (minimum 3 level: supervisory, operator, maintenance)
- The control system should include the interfaces necessary to facilitate operation and configuration. For example:
- A Modem communications port or better communications should be provided.
- The PLC and Fermenter communication Protocol to be used.
- All Electrical Items in the Cabinets should be supplied by Schneider/ Siemens.

Specific Requirements:

All cabling and pneumatic tubing within the individual skid should be performed by Vendor. Cabling and pneumatic tubing is routed via stainless steel protective pipes with open ends.

In general, the equipment should be designed in a way to get easy and quick access to all necessary maintenance points e. g. Motors, etc.

- All switches ergonomically located for operator convenience.
- Automated Seed Transfer through flexible piping (peristaltic pump control or gravity flow)
- Automated Acid and alkali solution transfer for pH control (peristaltic pump control on the Mobile CIP unit)
- Automated air flow rate Control
- Provision of Ring sparger
- Temperature control during cultivation (tolerance limit: ± 0.1 °C)

- Cascade control for Dissolved Oxygen (DO)

Power failure and recovery

When restarted after power regain the equipment should be start from the break point

Software

- Display of all parameters of all reactors in the same page with set point window Display of minute wise updates of all configured parameters.
- Error display and control page.
- Feed pump configuration page - pump calibration; pulse width; feed volume; etc
- Acid/alkali/antifoam pump page - pump on /off and status configuration.
- Controller configuration page- PID, valve opening, high set points, low set points, etc. configuration.
- History display of the changes effected during the batch progress - password protection.
- Report daily/batch wise datasheet of all parameters on hourly execution basis.
- Alarm for all parameters/valves depends on the conditions and set point deviations.
- Plotting and display of up to 10 process variables for on-line or off-line values.
- Data Export of finished or active batches can be further processed by 3rd party software (e.g. Excel).
- The SCADA Software will be given with a Personalized Serial Number (ID) for installation.
- Alarms & Alarms History.
- Trends & Trends History.
- Should be provided with desktop with I7 processor or better
- Access and monitoring through web portal and SMS alert system

Dosing vessel for acid, alkali, Feed and antifoam- 4No

- Total Volume- 150 L
- Working volume- 100 L
- Removable top plate
- Accordance with ASME
- H/D ratio- 2.5:1
- MOC- SS-316 L or better
- Jacketed
- Pressure- -0.5 to 2.5 bar , design pressure for shell -0.5 to 3.5 bar better
- Internal surface finish- <0.4 micron

- Top and bottom dish mirror finish considered rest all matt finish.
- O Rings - EPDM/Silicon
- Port for air inlet, Pressure gauge port, Light glass, Sight glass, Agitator port, Addition port (19 mm), Exhaust port
- Tank bottom valve
- Agitator- top, single mechanical seal, 0-100 RPM
- Sterilizable

Medium preparation tank Q1 No.

- Total volume- 800 L
- Working Volume- 600 L
- H/D ratio- 2.5:1
- Dish/Plate- Removable Dish
- Accordance with ASME
- Jacket/Limpet- Jacket
- Design Pressure – Shell = -0.5 to 3 bar, Jacket = -0.5 to 4 bar
- Insulation: No
- Polishing Internal: ($\geq 0.4 \mu$)
- MOC - SS304 or better
- Top and Bottom dish mirror finish considered rest all matt finish
- Surface air inlet
- Pressure gauge port
- Sight glass
- Agitator port
- Additional two port (19mm)
- Exhaust port
- Temperature sensor
- Tank bottom valve
- Agitator- upto 100 rpm, Single mechanical seal, Gasket
- Cooling with automated valves in steam, cooling water lines in jacket, Direct steam facility

Storage Tank Q1 NO.

- Total volume- 5000 L

- Working Volume-4000 L
- H/D ratio- 2.5:1
- Dish/Plate- Removable Dish
- Accordance with ASME
- Jacket/Limpet- Jacket
- Design Pressure – Shell = -0.5 to 3 bar, Jacket = -0.5 to 4 bar
- Insulation: No
- Polishing Internal: ($\geq 0.4 \mu$)
- MOC (Contact) - SS 316
- MOC (Non-Contact) - SS304
- Top and Bottom dish mirror finish considered rest all matt finish
- Surface air inlet
- Man hole port
- Pressure gauge port
- Light glass
- Sight glass
- Agitator port
- Additional port (19mm)
- Exhaust
- Temperature sensor
- Tank bottom valve
- Agitator- upto 100 rpm, Single mechanical seal, Gasket
- Cooling with automated valves in steam, cooling water lines in jacket, Direct steam facility
- Sterilizable

Utility

Specifications of Boilers

800Kg/hr (1 no) and 300Kg/hr (1 No.)

(They should be compatible and connected with fermenters and storage tank)

- Type: 3 pass, coil type
- Steam pressure: 7 Kg/cm² or better

- Hydraulic pressure: minimum 15 Kg/cm² or better
- Grate area: oil fired
- Setting of two safety valve: one at 8 bar and another at 10 bar or better
- Size and length of drum: as per compatible
- Pressure Reduction Station: Output: 2 to 5 bar or better
- Transfer line safety valve 5 bar or better
- Chimney of standard size
- LDO storage tank (5000 L or better)
- LDO Batch tank (200 L or better)
- Provision of RO water transfer from storage tank to boiler tank
- Dual media filter
- Soft water tank (2500 L or better)
- MOC of soft water tank (PP or PVC)
- Diesel transfer pump from storage to batch tank
- Should meet BIS or equivalent international standard
- Must follow IBR guidelines
- Make : Forbes Marshall/Thermex or equivalent

Specifications for Cooling Tower

- Capacity: 100 TR or more
- fill-less, fan free
- It should be able to decrease the temperature from boiling temperature to ambient temperature
- Circulation pump: centrifugal, monoblock, capacity: 15000 LPH at 10 meter head or better

Specifications for Chiller

- Chiller Capacity: 30 TR or more
- Compressor: Carrier or Emerson Copeland or equivalent
- Air-Cooled Condenser: Carrier or Emerson Copeland or equivalent
- Evaporator: SS BPHE type
- Water Inlet temp.: ambient
- Required Water Temp (outlet): 4°C to 18°C
- Water Flow: 1000 Ltr/hr or more
- Pump: 1-2HP or better

- Phase: 3 phase
- Should be Compliant with ISO 9001 and 45001/14001/50001

Specifications for water purification system

- A reliable and efficient water purification system for laboratory-grade water
- Purification method: Reverse Osmosis (RO) or better
- RO capacity: 500 LPH or better
- Storage tank: 1000L (2 No)
- TDS: below 10 nanogram/L or better
- Material: PVC (FG), MS (Structure)
- High rejection type to reject upto 99.5% water TDS
- Resin: 40 liters or more
- Brine Tank: one (compatible)
- Multiport valve: As per requirement
- Automation grade: Fully automatic
- Noiseless operation
- It should meet BIS or equivalent international standard
- Should be Compliant with ISO 9001:2005 or 14001:2015

Specifications for Air Compressor – 2 no.

A. Air compressor: 40 HP (one) and 15HP (one)

- Capacity: 10 normalized m³ per minute or more (40HP) and 1 normalized m³ per minute (15 HP) or more
- Oil free
- Type: Reciprocating, non lubricated, Horizontal
- Type of cooling: air cooled
- Duty rating: S1, heavy duty
- Discharge pressure: 4 bar or more (40HP) and 7 bar or more (15 HP)
- Capacity control: 2 step
- Type of suction filter: Dry type, paper element
- Air dryer: refrigerated or better
- Type of compressed air cooling: air cooled after cooler
- Type of moisture removal: auto drain valve with manual bypass

- Vacuum indicator for suction control: Band type vacuum indicator

- ISO-9001 ISO-8573

B. Motor

- Encloser: TEFC IP55
- Class of Insulation: F class
- Drive System: Belt drive
- Load power (KW): 25% of full load or better
- Description of control panel: PLC based CPTronic microprocessor based controls, transducers for inter-stage pressure, discharge pressure, oil pressure, Discharge temperature, loading hours, running hours, maintenance schedule, 5 shutdown / emergency stop history, timer activation etc.
- Safety valves and fault annunciation: low oil pressure switch, low cooling water flow switch, high discharge air temperature switch, motor overload (Thermal relay)
- Additional features: remote start and stop, longest load data, and longest unload data, overload display, auto restart after power failure, Delayed second stop

Specifications for Basket Centrifuge

- Vertical basket with top load and with bottom discharge
- GMP design meeting pharmaceutical industry requirements
- Suitable for the production of bulk microbial pharmaceutical products
- Volume of microbial broth load: 100 liter or better
- Maximum rotation speed: 6000 rpm or better
- Construction materials: All parts in contact with the product should be of stainless steels SS316 or better
- High level mirror-like or electrochemical surface polishing finishes for the process areas
- Automatic discharge with scraper knife
- Hydraulic operated knife and cover opening
- Suitable for products requiring a wide filtering surface
- Provision of keeping the centrifuge under a constant inert atmosphere
- Rotating distributor for feeding and washing for uniform cake distribution and avoiding vibrations
- Complete PLC controls with touch screen interface
- Switch between automatic, semiautomatic, and manual operation
- Variable frequency drive (VFD) speed control for the basket

Specifications for Continuous centrifuge

- Type: Tubular Bowl Centrifuge Basket
- Speed RPM: 15000 Rpm or more
- Bowl speed : 17000 rpm or better
- Centrifugal force: 20000 rpm or better
- Capacity: 5-9 liters (Bowl Capacity)
- 3-5 liters (Dirt Holding Capacity)
- Material of construction: MS (Mild Steel)
- Voltage: 220-240 V
- Phase: 3 Phase
- Frequency: 50 Hz
- Usage/Application: Bio Mass Separation
- Food Processing
-
- Motor Power: 2HP or better
- Automation: Automatic
- Permissible pH Range for Liquids: pH 3-10

Specification for Filter Press

- Type: Plate & Frame Type
- Filtration capacity: 500 L/P/H or better
- Material of construction: SS316
- Pressure (Test) kg/sq.cm: 5 Kg./Sq.cm
- Pressure (Operation) kg/sq.cm.: 2.5 to 4.0 Kg./Sq.cm or better
- No. of Plates: 10 Plates or more
- Surface Type: Pipped Button Surface
- Cake Holding Capacity: 5-7 L of water equivalent approx. or better
- End Connections: 3/4" BSP Threaded End
- Washing: Air Washing, water washing or better
- Closing Pressure: 150-200 Kg / Sq.cm. approx. or better
- Accessories:
 - a) Filter cloth

- b) Motorized Hydraulic Closing
- c) Stainless Steel Pum
- d) SS pipeline with valves
- e) SS drip collection tray

ELECTRICAL WORK

Specifications for new LT panels to be installed at Fermentation Hall:-

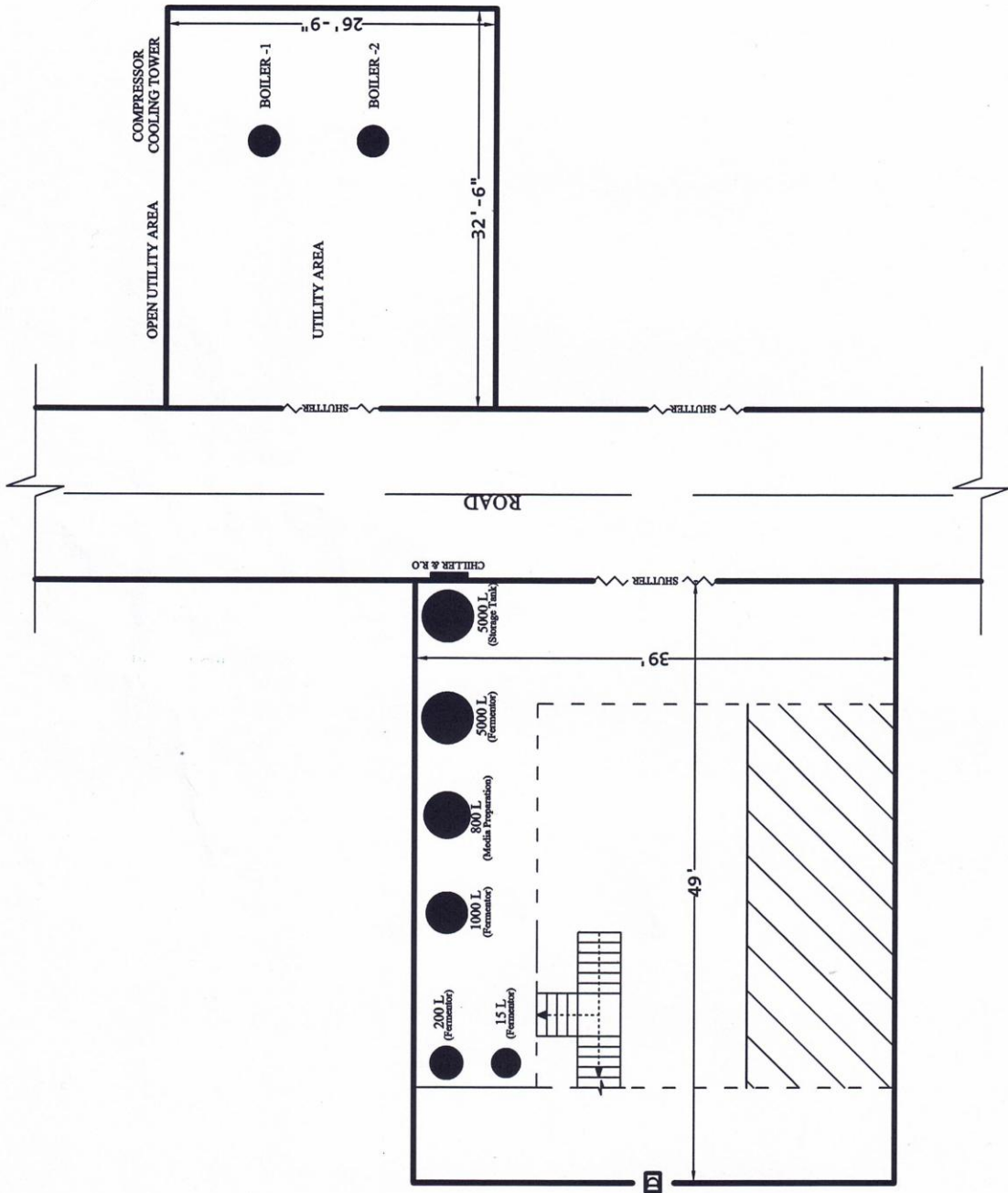
1. Supplying, installation, testing & commissioning of 400 amps indoor LT panel with 16 SWG MS Sheet. The panel should be dust free with proper rubber gaskets. The panel should be floor mounted with BUS Bar chamber, Earthing point, interconnections with Copper wiring. The panel should be coated with 2 coats of enamel paint (Grey Shade) with designation of incoming and outgoing feeder as per detail below: A. Incoming MCCB 250 amps 4 pole, 50 K Breaking capacity (1 no), outgoing 125 amps MCCB 4 pole, 36 K (2 nos.) & outgoing 63 amps MCCB, 25 K (2 nos) & provision for two spare outgoing MCCBs with indicators & AE make Ammeters and Voltmeters with end terminations. Make of MCCBS should be L&T/Siemens /Havells—2 nos
2. Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long & copper strip 25 mm x 5 mm for connection between earth plate & LT panel etc. with charcoal/ coke and salt as required.- 2 nos
3. Dismantling of old LT panels of capacity 400 amps—2 nos.

Other Important Terms and conditions for the bidders:

1. Only those bidders are eligible to participate, who have at least **10** years of experience in manufacturing of fermenters, have local service support in India and two or more pilot plant installations in India. Documentary evidence should be provided.
2. Bidder/supplier to submit documentary evidence like certificate from a least **three** users working in Biochemical Engineering/Fermentation related work for the pilot scale from Government or semi-government organization/Institutions/university to the effect that they are satisfied with the performance of the equipment and service of the supplier over past five years.
3. Appropriate flooring and partitions of the fermenters installation site and downstream processing area to avoid any cross contamination will be in the scope of bidder.
4. The vendor should give an undertaking for the supply of spares for at least 10 years from the date of installation

5. The bidder should integrate all the equipments and make it functional with three years comprehensive warranty and provide full time technical manpower for initial one year after commissioning. AMC charges should be quoted for five years on an annual renewal basis after the expiry of warranty period with four preventing visit and break down visits, as and when required (per annum)
 6. Technical committee may visit the manufacturing site of all technically qualified bidders.
 7. The bidders should provide registered office address as well as factory address with the bid.
 8. Manufacturer should have **BIS/ISO 9001-2015 Certification.**
 9. All the pressure vessels should be certified by NABL Accredited Third party inspection agency.
 10. The tender should follow the ASME BPE norms
- Bidders should carefully fill up the rates in price-bid for the main equipment with accessories including standard warranty and year wise price break –up of AMC charges without quoting price in the techno-commercial bid. Non-compliance of this shall lead to summarily rejection of the Bid.
 - The comparative statement of financial bid will be prepared by adding the main equipment price including accessories and AMC prices as mentioned in the BOQ. Purchase order will be issued to whichever bidders have the lowest price including main equipment and AMC.

❖ **INSTALLATION, ASSEMBLING OF ALL THE EQUIPMENTS AND INTEGRATION OF THE UTILITY, FERMENTERS AND DOWNSTREAM PROCESSING EQUIPMENTS AND SUCCESSFUL DEMONSTRATION WILL BE IN THE SCOPE OF SUPPLIER**



INTERESTED /DESROUS PARTIES CAN VISIT SITE BEDFRE PRE-BID MEETING/QUOTING THE FINAL OFFER

CHAPTER 5

Price Schedule Forms

Table of Contents

Sl. No.	Type of Price Schedule Form
	Price schedule for Goods being offered from abroad
	Price schedule for Goods offered from India

Note: The bidder may fill in the appropriate Price Schedule Form and enclose as per Clause 1.10 and 1.18.3 of the bidding documents.

PRICE SCHEDULE FOR GOODS BEING OFFERED FROM INDIA

Name of the Bidder _____

Tender No. _____

1	2	3	4	5	6	7	8	9	10	11	12
Sl. No.	Item Description With HSN code	Country of origin	Unit	Quantity	Unit Rate Ex-Works, Ex-warehouse e. Ex-show room off the shelf price (inclusive of all taxes already paid)	Total price Ex-Works, Ex-warehouse, Ex-show room off the shelf price (inclusive of all taxes already paid) 5x6	GST & other taxes payable, if contract is awarded	Packing & forwarding up to station of dispatch if any	Charges for inland transportation, insurance up to Lab. / Instt.by <i>air/road/rail</i> <i>(retain one only)</i>	Total Price	Installation, Commissioning and Training charges, if Any

Note:

Total Bid price in foreign currency _____

(a) The cost of optional items, if any shall be indicated separately

in words _____

(b) Cost of Spares, if any

Signature of Bidder _____

Name _____

Business Address _____

PRICE SCHEDULE FOR GOODS BEING OFFERED FROM ABROAD

Name of the Bidder _____

TENDER No. _____

1	2	3	4	5	6	7	8	9	10	11	12
Sl. No.	Item Description	Country of origin	Unit	Qty.	Unit price Indicating currency FOB (named part of shipment or FCA (named place of delivery) <i>(retain only one)</i>	Total price (5x6) FOB (named part of shipment) or FCA (named place of delivery) <i>(retain only one)</i>	Charges for Insurance & transportation to port//place of destination	Total price <i>CIF/CIP (retain one only)</i> (7+8)	Indian Agents Commission as a percent of FOB /FCA price included in the Quoted price	Approx. Ship-ment weight and volume	Indian Customs Tariff No and HSN No. (ICT & HSN No.)

Note:

Currency _____

Total Bid price in foreign currency _____

in words _____

(a) Indian agents name & address _____

(b) Installation, commissioning & training charges, if any _____

Signature of the Bidder

(c) Cost of Spares, if any _____

Business Address _____

(d) The Indian agent's commission shall be paid in Indian Rupees only based on the Exchange Rate prevailing on the date of negotiation of documents in accordance with clause 2.22 of GCC.

(e) The cost of optional items shall be indicated separately.

CHAPTER 6

Qualification Requirements

(refer to Annexure-4E of the CSIR Manual)

(Notes for internal use only)

Pre-Qualification Criteria (PQC) should be unrestrictive enough so as not to leave out even one capable vendor/contractor. Otherwise, it can lead to higher prices of procurement/works/services. However, on the other hand, these criteria should be restrictive enough so as not to allow even one incapable vendor/contractor and thus vitiate fair competition for capable vendors/contractors to the detriment of the buyer's objectives. A misjudgement in either direction may be detrimental. A sample PQC is given as under:

.Due consideration should be given while framing PQC, to its effect on adequacy of competition. To encourage MSEs, past successful bidders, a call may be taken – whether PQC should apply to full quantity/packages or be proportional to part quantity/ package quoted by a bidder. In case requirement is suddenly a multiple times the past procurements, blind adoption of past PQC's may lead to disqualification of successful past vendors leading to inadequate competition. PQC should therefore be carefully decided for each procurement with the approval of CA for acceptance of the tender. It should be clarified in the PQB documents that bidders have to submit authenticated documents in support of eligibility criteria. Sample Prequalification criteria

Criteria 1 - Experience and Past Performance:

- a) *The bidder (manufacturer or principal of authorised representative – hereinafter referred simply as 'The Bidder') should have regularly for at least the last _____] years, ending 31st March of the previous financial year (hereinafter called 'The relevant Date'), manufactured and supplied (/erected/ commissioned _____ [Name of Requirement], with the same or higher specifications having/with _____ parameters (hereinafter called 'The Product'). The bidder should submit the manufacturer authorisation form as appended in Chapter-8 and*
- b) *'The bidder' should have manufactured and supplied (/erected/commissioned) at least _____ numbers (herein after referred as 'The Qualifying Quantity') of 'The Product' in at least one of the last five years ending on 'The relevant Date', and out of which*
- c) *At least _____ numbers of offered version/model of 'The product' should be in successful operation for at least _____ years on the date of bid opening.*

Criteria 2 - Capability- Equipment & manufacturing Facilities:

'The bidder' must have an annual capacity to manufacture and supply (/erected/ commissioned)at least _____ (The Qualifying Quantity)

Note: In case of multiple products in a tender, this criterion shall be applicable product wise. For example, in case of Printing Paper of different specifications/sizes, it shall be applicable to quantity of paper manufactured and supplied specification/size wise.

Criteria 3 - Financial Standing – under all conditions

- a) *The average annual financial turnover of 'The bidder' during the last three years, ending on 'The relevant Date', should be at ₹ _____ (or equivalent in foreign currency at exchange rate prevalent on 'The Relevant Date') (fix the value as 40-80% or any other percentage of the estimated cost of the quantity in the bid document) as per the annual report (audited balance sheet and profit & loss account) of the relevant period, duly authenticated by a Chartered Accountant/Cost Accountant in India or equivalent in relevant countries.*

Ministry of MSME have clarified that all Central Ministries/Departments/Central Public Section Undertakings may relax condition of prior turnover and prior experience with respect to Micro and Small Enterprises in all public procurements subject to meeting of quality and technical specifications. Further, the condition of prior turnover and prior experience may be relaxed for Start-ups (as defined by Department of Industrial Policy and Promotion) subject to meeting of quality & technical specifications and making suitable provisions in the bidding document (rule 173 (i) of GFR 2017)

- b) Bidder Firm (manufacturer or principal of authorised representative) should not have suffered any financial loss for more than one year during the last three years, ending on 'The Relevant Date'.*
- c) The net worth of the Bidder firm (manufacturer or principal of authorised representative) should not be negative on 'The Relevant Date' and also ii) should have not eroded by more than 30% (thirty percent) in the last three years, ending on 'The Relevant Date'.*

Note: In case of Indian Bidders/companies (manufacturer or principal of authorised representative) who have been restructured by Banks in India, under the statutory guidelines, they would be deemed to have qualified the Financial standing criteria considering the institutional financial backing available to them.

Applicability in Special Cases:

- a) Applicability to 'Make in India': Bidders (manufacturer or principal of authorised representative) who have a valid/approved ongoing 'Make in India' agreement/ program and who while meeting all other criteria above, except for any or more of sub-criteria in Experience and Past Performance above, would also be considered to be qualified provided:
 - i) their foreign 'Make-in-India' associates meet all the criteria above without exemption, and*
 - ii) the Bidder submits appropriate documentary proof for a valid/approved ongoing 'Make in India' agreement/program.*
 - iii) the bidder (manufacturer or principal of authorised representative) furnishes along with the bid a legally enforceable undertaking jointly executed by himself and such foreign Manufacturer for satisfactory manufacture, Supply (and erection, commissioning if applicable) and performance of 'The Product' offered including all warranty obligations as per the general and special conditions of contract.**
- b) Authorized Representatives: Bids of bidders quoting as authorised representative of a principal manufacturer would also be considered to be qualified, provided:
 - i) their principal manufacturer meets all the criteria above without exemption, and*
 - ii) the principal manufacturer furnishes a legally enforceable tender-specific authorisation in the prescribed form assuring full guarantee and warranty obligations as per the general and special conditions of contract; and*
 - iii) the bidder himself should have been associated, as authorised representative of the same or other Principal Manufacturer for same set of services as in present bid (supply, installation, satisfactorily commissioning, after sales service as the case may be) for same or similar 'Product' for past three years ending on 'The Relevant Date'.**
- c) For Existing Successful Past Suppliers: In case the bidder (manufacturer or principal of authorised representative) who is a successful past supplier of 'The Product' in at least one of the recent past _____ procurements, who do not meet any or more of requirements above, would also be considered to be qualified in view of their proven credentials, for the maximum quantity supplied by him in such recent past.*
- d) Joint Ventures and Holding Companies: Credentials of the partners of Joint ventures cannot (repeat cannot) be clubbed for the purpose of compliance of PQC in supply of Goods/Equipment, and each partner must comply with all the PQC criteria independently. However, for the purpose of qualifying the Financial Standing Criteria, the Financial Standing credentials of a Holding Company can be clubbed with only one of the fully owned subsidiary bidding company, with appropriate legal documents proving such ownership.*

Note for Bidders:

- a) 'Doctrine of Substantial Compliance': The Pre-Qualification Bidding (PQB) and Pre- Qualification Criteria (PQC) are for shortlisting of sources who are competent to perform this contract to ensure best value for money from expenditure of Public Money. This process is neither intended to bestow any entitlement upon nor to create any rights or privileges for the Bidders, by way of overly hair-splitting or viciously legalistic interpretations of these criteria, disregarding the very rationale of the PQB and PQC. Keeping this caveat in view, interpretation by the Purchaser would be based on common usage of terminologies and phrases in public procurement in accordance with the 'Doctrine of Substantial Compliance' and would be final.
- b) 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 or of being debarred by any other Procuring Entity. Failure to do so would amount to violation of this code of integrity.
- c) In case of agents quoting in offshore procurements, on behalf of their principal manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorise only one agent/ dealer. There can be only one bid from the following:
 - i) The Principal manufacturer directly or through one Indian agent on his behalf; and
 - ii) Indian/foreign agent on behalf of only one principal.
- d) Along with all the necessary documents/certificates required as per the tender conditions, the bidder should furnish a brief write-up, backed with adequate data, explaining his available capacity (both technical and financial), for manufacture and supply of the required goods/equipment, within the specified time of completion, after meeting all their current commitments.
- e) Supporting documents submitted by the bidder must be certified as follows:
 - i) All copy of supply/work order; respective completion certificate and contact details of clients; documents issued by the relevant Industries

Department/National Small Industries Corporation (NSIC)/ manufacturing licence; annual report, etc., in support of experience, past performance and capacity/capability should be authenticated by the by the person authorised to sign the tender on behalf of the bidder. Original Documents must be submitted for inspection, if so demanded.
 - ii) All financial standing data should be certified by certified accountants, for example, Chartered Accountants/Cost Accountants or equivalent in relevant countries; and Indian bidder or Indian counterparts of foreign bidders should furnish their Permanent Account Number.
- f) A bidder or any of its affiliates who participated as a consultant in the preparation of the design or technical specifications of the contract i.e. the subject of the bid; cannot participate in the bidding process.
- g) Indian agents quoting on behalf of its foreign principal need to submit an copy of the agency agreement with the foreign principal detailing the services to be rendered by them on behalf of the principals, failing which its bid shall not be considered.
- (h) Foreign bidders to disclose the name and address of agent and representatives in India and Indian bidder to disclose their foreign principal or associates.

CHAPTER 7

Contract Form

Contract No. _____ Date: _____

THIS CONTRACT AGREEMENT is made the *[insert: number]* day of *[insert: month]*, *[*

insert: year].

BETWEEN

(1) The Council of Scientific & 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 _____ *[insert complete name and address of Purchaser]* (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:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. 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)]*

3. 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.

4. 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.

5. 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 8

Other Standard Forms

(To be enclosed as indicated below)

Table of Contents

Sl. No.	Name
01.	Bidder Information Form (to be enclosed with the technical bid)
02.	Manufacturers' Authorization Form (to be enclosed with the technical bid)
03.	Bid Security Form (to be enclosed with the technical bid)
04.	Bid Securing Declaration. (to be enclosed with the technical bid)
05.	Performance Statement Form (to be enclosed with the technical bid)
06.	Deviation Statement Form (to be enclosed with the technical bid)
07.	Service Support Detail Form (to be enclosed with the technical bid)
08.	Bid Form (to be enclosed with the priced bid)
09.	Performance Security Form (to be enclosed with the technical bid)
10.	Acceptance Certificate Form (to be enclosed with the technical bid)

11.	Integrity Pact (to be enclosed with the technical bid)
12.	Format of Letter of Authority for participating in bid opening
13.	Format of declaration of abiding by the code of integrity and conflict of interest to be submitted by the bidder.

Note : Please refer clause 1.10.1 of the bidding documents for other documents to be attached with the bids/offers.

Bidder Information Form*(Refer para 5.1.2 (ix)(a) of the CSIR Manual)*

- (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]*

Page 1 of _____ pages

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.	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>
07.	Attached are copies of original documents of: <i>[check the box(es) of the attached original documents]</i> Articles of Incorporation or Registration of firm named in 1, above.

Signature of Bidder _____

Name _____

Business Address _____

MANUFACTURERS' AUTHORIZATION FORM*(Refer para 5.1.2 (ix)(b) of the CSIR Manual)*

[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 and be enclosed with the technical bid.]

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]*

BID SECURITY FORM*(Refer para 5.1.2 (ix)(c) & 6.1.1 (D) of the CSIR Manual)*

Whereas _____ (hereinafter called the tenderer") has submitted

their offer dated _____ for the supply of _____

(hereinafter called the tender") 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:-
 - (a) If the tenderer fails to furnish the Performance Security for the due performance of the contract.
 - (b) 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 i.e., up to _____ and any demand in respect thereof should reach the Bank not later than this date.

 (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 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-5F

Bid-Securing Declaration Form

(Refer para 5.1.2 (ix)(d) & 6.1.1 (D2) of the CSIR Manual)

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

- (a) 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
- (b) 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 the 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)

PERFORMANCE STATEMENT FORM

(Refer para 5.1.2 (ix)(e) of the CSIR Manual)

(For a period of last 3 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 delivery as per Contract	Date of actual completion of delivery	Remarks indicating reasons for late delivery, if any	Has the equipment been installed satisfactorily? (Attach a certificate from the purchaser/Consignee)	Contact person along with Telephone No., and e-mail address	FAX

Signature and Seal of the manufacturer/Bidder

Place :
Date :

DEVIATION STATEMENT FORM*(Refer para 5.1.2 (ix)(f) of the CSIR Manual)*

SI.No.	Name of Specifications / Parts / Accessories of Tender Enquiry	Specifications of Quote Model / Part / Accessory	Compliance Whether Yes of No	Deviation, if any to be indicated in unambiguous terms (The compliance / Deviation should be supported by relevant Technical Literature)	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

Signature of Bidder

- If the bidder offers more than one model, then the Compliance Statement must be enclosed for each and every model separately.
- 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-5I

SERVICE SUPPORT FORM
(Refer para 5.1.2(ix)(g) of the CSIR Manual)

S. No	Nature of Training	List of Similar Type equipment serviced in the past 3 years	Address, Telephone Nos., Fax Nos., and email address
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Signature and Seal of the manufacturer/Bidder.....

Place :

Date :

Bid Form

(Refer para 5.1.2 (ix)(h) of the CSIR Manual)

[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 1.43 and GCC Clause 2.13 for the due performance of the Contract and also submit order acceptance within 14 days from the date of contract in accordance with ITB Clause 1.42 and GCC Clause 2.44;
- (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
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

(If none has been paid or is to be paid, indicate "none.")

(h) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.

(i) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Signed:

[insert signature of person whose name and capacity are shown]

In the capacity of *[insert legal capacity of person signing the Bid Submission Form]*

Name: *[insert complete name of person signing the Bid Submission Form]*

Duly authorized to sign the bid for and on behalf of: *[insert complete name of Bidder]*

Dated on _____ day of _____, _____ *[insert date of signing]*

PERFORMANCE SECURITY FORM

(Refer para 5.1.2 (ix)(i) & 6.1.2 (02) of the CSIR Manual)

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. datedto 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-5L

ACCEPTANCE CERTIFICATE FORM
(Refer para 5.1.2 (ix) (j) of the CSIR Manual)

No
M/s

Date

Sub:

Certificate of commissioning of equipment

I. 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 rrecovered

2. 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

For Purchaser

Signature
Name
Designation
Name of the Institution

Format of Integrity Pact*(Refer para 5.1.2 (ix) (k) of the CSIR Manual)***INTEGRITY PACT**

Between

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

Andherein 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)/Contractors(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.
- (3) The person signing IP shall not approach the courts while representing the matters to IEMs and he/she will await their decision in the matter.

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)

For & On behalf of Bidder/Contractor) (Office Seal)

Place

Place

Date

Date

Witness I:(Name & Address")

Witness 2:(Name & Address)

Annexure-5N

Format of Letter of Authority for participating in bid opening

(On the letter head of the bidder)

(Refer para 5.1.2 (ix)(l) & 5.3.2 of the CSIR Manual)

Ref.No. _____

Date: _____

Subject: Authorisation letter for participants in the bid opening process

To

(Name & Address of the Purchaser)

Sir

With reference to your invitation for bid No. _____ dated _____, we wish

to inform you that we have participated in the bidding process and have submitted bid bearing Ref. No. _____ dated _____.

In line with your requirement, we hereby authorise Sh/Smt. _____ to

participate in the bid opening process scheduled on _____ at _____ hrs (IST) in your

premises. A copy of the identity of the representative is attached duly certified by the undersigned.

Thanking you

Yours faithfully,

(Signature of the bidder with seal)

Annexure-50

Format for declaration by the Bidder for Code of Integrity & conflict of interest (Refer para 3.2.1 & 5.1.2 (ix)(m) of the CSIR Manual)

(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 seal

Tender Ref: _____ Dated : _____

Certificate Regarding Procurement from a bidder of a country which shares a land border with India

"We have read the clauses regarding restrictions on procurement from a bidder of a country which shares a land border with India, as per Office Memorandums issued by Department of Expenditure, PPD, Ministry of Finance, under F. No. 6/18/2019-PPD and we hereby certify that our firm is not from such a country and is eligible to be considered"

Or

However if any bidder falls in the category of bidders as indicated in the Definitions clause at Cl. No.6,7,8,9,and 10 of Oder (F.NO. 6/18/2019-PPD, Public Procurement no. 1) Dt. 23-07-2020, should submit the certificate as under:

"We have read the clauses regarding restrictions on procurement from a bidder of a country which shares a land border with India as per Office Memorandums issued by Department of Expenditure, PPD, Ministry of Finance, under F. No. 6/18/2019-PPD and we hereby certify that our firm is from such a country and has been registered with Competent Authority (Specified in Annexure-I of Order (F.No. 6/18/2019-PPD, Public Procurement no. 1) dated 23.07.2020 and further certify that our firm fulfils all requirements in this regard and is eligible to be considered. The evidence of valid registration by the Competent Authority is attached herewith."

Authorized Signatory of Bidder

Date:

Seal of the Firm

Note:

1. Choose any one of the above mentioned conditions, whichever is applicable.
2. In case of Indian Agents of the Local Suppliers have quoted against the Tender, both the Indian Agent and their Principals should submit the above mentioned certificate.

Tender Ref: _____ Dated : _____

Certificate for Local Content under PPP for Make in India

In line with Government Public Procurement Order No. P-45021/2/2017-BE-II dated 15.06.2017, (subsequently revised vide orders dated 28.05.2018, 29.05.2019, 04.06.2020, 16.09.2020 and 19.07.2024 by Govt. of India, We hereby Certify that we M/s _____ (Name of the manufacturer) are local supplier meeting the requirement of minimum local content as defined in above orders.

As per terms and conditions of Rate Contract, Following details are as follows:-

Category of Local Supplier (Specify clearly either Class-I or Class II)	Percentage of local Content (in %)	Details of locations at which local value addition will be made.
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We also understand, false declaration will be in breach of the Code of Integrity under Rule 175 (1) (i) (h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.

Authorized Signatory of Bidder
Date:
Seal of the Firm

Verified by Chartered Accountant
Seal

Note:

1. In case of Indian Agents of the Local Suppliers have quoted against the Tender, both the Indian Agent and their Principals should submit the above mentioned certificate.