



Indian Institute of Integrative Medicine

(Formerly known as Regional Research Laboratory)

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TENDER NO :12(292)/2020-P Date 17.11.2020

TENDER DOCUMENT

FOR

**Supply, installation, testing and commissioning of Lab
Furniture at IIIM Jammu.**

(For Room No. 306,326, 258, 309 & 255)

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**

| Sl.No. | Tender No. | Description of items | Quantity | Single/ Double bid | Bid Security (EMD) (in Indian Rupees) |
|--------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------|------------------------------------------|
| 1. | 12(292)/19-P | Lab. Furniture (Required Technical Specifications are mentioned at Chapter 4) <ul style="list-style-type: none"> • Warranty: 1 year • AMC: 5 Years (Mentioning price for each year separately) | As per BOQ | Double Bid | Rs. 1,06,000.00 |

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 **08.12.2020** 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 **08.12.2020 (Date)** up to 11:00.A.M hours (IST) and shall be opened on **09.12.2020 (Date) at 11:00 A.M** hours. (IST)

4. A Pre-bid Conference will be held on _____ (Date) at _____ hours (IST) in 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 **27.11.2020** .

5. 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. Online Bids will be opened in the presence of Bidders' authorized representatives who choose to attend on the specified date and time. 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

INDEX

| Chapter | Content |
|---------|---------------------------------------------|
| 1 | Instructions to Bidders |
| 2 | Conditions of Contract |
| 3 | Schedule of Requirement |
| 4 | Specifications and Allied Technical Details |
| 5 | Price Schedule Forms |
| 6 | Qualification Requirements |
| 7 | Contract Form |
| 8 | Other Forms |

CRITICAL DATE SHEET

| Sl. No. | Stage | Date & Time |
|---------|------------------------------------------|-----------------------|
| 1. | Publish Date & Time | 18.11.2020 |
| 2. | Sale/document Download Start Date & Time | 18.11.2020 |
| 3. | Last Date & time for receipt of queries | 27.11.2020 |
| 4. | Pre-bid Conference, if any | --- AM/PM |
| 5. | Bid Submission Start Date & time | 17.11.2020 |
| 6. | Bid Submission End Date & Time | 08.12.2020 11:00AM |
| 7. | Bid Opening Date & Time | 09.12.2020 11:00AM |

TENTATIVE TIME SCHEDULE OF PROCUREMENT PLANNING

| Sl.No | Stage | Tentative Time Frame |
|--------------|-----------------------------------------------------|-----------------------------|
| 1. | Date of Bid Opening | 09.12.2020 |
| 2. | Date of Completion of Technical Bid Evaluation | 15.12.2020 |
| 3. | Date of communication of Rejection of Bids | 22.12.2020 |
| 4. | Date of Receipt of context, if any, from Bidders | 29.12.2020 |
| 5. | Opening of Financial Bid | 05.01.2021 |
| 6. | Notification of Award | 12.01.2021 |

CHAPTER - 1

INSTRUCTIONS TO BIDDERS

Table of Contents

| Sl. No. | Contents |
|----------------|-------------------------------------------------------------------------------|
| A. | Introduction |
| 1.1 | Eligible Bidders |
| 1.2 | Cost of Bidding |
| 1.3 | Code of Integrity for Public Procurement |
| B. | The Bidding Documents |
| 1.4 | Cost of tender Documents |
| 1.5 | Content of tender Documents |
| 1.6 | Clarification of tender documents |
| 1.7 | Amendment of tender Documents |
| C. | Preparation of Bids |
| 1.8 | Language of Bid |
| 1.9 | Purchase Preference Policies |
| 1.10 | Documents Comprising the Bid |
| 1.11 | Bid form and price schedule |
| 1.12 | Bid Prices |
| 1.13 | Bid Currencies |
| 1.14 | Documents Establishing Bidder's Eligibility and Qualifications |
| 1.15 | Documents Establishing Goods' Eligibility And Conformity to Bidding Documents |
| 1.16 | Bid Security |
| 1.17 | Period of Validity of Bids |
| 1.18 | Format and Signing of Bid |
| D. | Submission and Sealing Bids |
| 1.19 | Submission, Sealing and Marking of Bids |

- 1.20 Deadline for Submission of Bids
- 1.21 Late Bids
- 1.22 Withdrawal, substitution and Modification of Bids
- E. Opening and Evaluation of Bids**

- 1.23 Opening of Bids by the Purchaser
- 1.24 Confidentiality
- 1.25 Clarification of Bids
- 1.26 Preliminary Examination
- 1.27 Responsiveness of Bids
- 1.28 Bidders right to question rejection
- 1.29 Non-Conformity, Error and Omission
- 1.30 Examination of Terms & Conditions, Technical Evaluation
- 1.31 Conversion to Single Currency
- 1.32 Evaluation and Comparison of bids
- 1.33 Contacting the Purchaser
- 1.34 Post qualification
- F. Award of Contract**

- 1.35 Negotiations
- 1.36 Award Criteria
- 1.37 Option Clause
- 1.38 Purchaser's right to vary Quantities at Time of Award
- 1.39 Purchaser's right to accept any Bid and to reject any or all
Bids
- 1.40 Notification of Award
- 1.41 Signing of Contract
- 1.42 Order Acceptance
- 1.43 Performance Security
- 1.44 Pre-bid Conference
- 1.45 Integrity Pact

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 forbids/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.

RATES SHOULD BE QUOTED FOR IIIM JAMMU BASIS.

(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 90 days after the date of bid opening prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the Purchaser as non-responsive.

1.17.2 In exceptional circumstances, the Purchaser may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing (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 MSMEs 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 CSIR IIIM, JAMMU SITE)

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 FOR 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 valued 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. Or

(b) A demand draft in favour of the purchaser.

Or,

(c) 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)

Table of Contents

| Sl. No. | Clause |
|---------|--------------------|
| 2.1 | Definitions |
| 2.2 | Contract Documents |
| 2.3 | Code of Integrity |

| | |
|------|-------------------------------------------|
| 2.4 | Joint Venture, Consortium or Association |
| 2.5 | Scope of Supply |
| 2.6 | Suppliers' Responsibilities |
| 2.7 | Contract price |
| 2.8 | Copy Right |
| 2.9 | Application |
| 2.10 | Standards |
| 2.11 | Use of Contract Documents and Information |
| 2.12 | Patent Indemnity |
| 2.13 | Performance Security |
| 2.14 | Inspections and Tests |
| 2.15 | Packing |
| 2.16 | Delivery and Documents |
| 2.17 | Insurance |
| 2.18 | Transportation |
| 2.19 | Incidental Services |
| 2.20 | Spare Parts |
| 2.21 | Warranty |
| 2.22 | Terms of Payment |
| 2.23 | Change Orders and Contract Amendments |
| 2.24 | Assignment |
| 2.25 | Subcontracts |
| 2.26 | Extension of time |
| 2.27 | Liquidated Damages Clause |
| 2.28 | Termination for Default |
| 2.29 | Force Majeure |
| 2.30 | Termination for insolvency |
| 2.31 | Termination for Convenience |
| 2.32 | Settlement of Disputes |
| 2.33 | Governing Language |
| 2.34 | Applicable Law |

| | |
|------|-----------------------------------|
| 2.35 | Notice |
| 2.36 | Taxes and Duties |
| 2.37 | Right to use Defective Goods |
| 2.38 | Protection against Damage |
| 2.39 | Site preparation and installation |
| 2.40 | Import and Export Licenses |
| 2.41 | Risk Purchase Clause |
| 2.42 | Option Clause |
| 2.43 | Integrity Pact |
| 2.44 | Order Acceptance |

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) Account Payee demand draft in favour of the purchaser. Or
- (c) 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 The terms FOB, FCA, CIF, CIP, etc. shall be governed by the rules prescribed in the current edition of the Inco terms 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 option 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.N. | GCC Clause Ref | Condition |
|------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | GCC 2.1.1(l) | The Purchaser is: Indian Institute of Integrative Medicine , Canal Road Jammu -180001 <i>(name and complete postal address)</i> |
| 2 | GCC 2.1.1(m) | The Final Destination is: Canal Road Jammu -180001 (<i>complete postal address</i>) |
| 3 | GCC 2.13.1 | The amount of the Performance Security shall be 10 % 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 | 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. (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.

Note:

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).**
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.**

For goods manufactured abroad

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.

- (a) Two copies of supplier's Invoice giving full details of the goods including quantity, value, etc.;
- (b) Packing list;
- (c) Certificate of country of origin issued by supplier;
- (d) Manufacturer's guarantee and Inspection certificate;
- (e) Inspection certificate issued by the Purchaser's Inspector, if any;
- (f) Insurance Certificate, if required under the contract;
- (g) Name of the Vessel/Carrier;
- (h) Bill of Lading/Airway Bill;
- (i) Any other document(s) as and when required in terms of the contract.

Note:

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).**
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.**

6 GCC 2.16.3 In case of supplies from within India, the mode of transportation shall be by ***Air/Rail/Road.***
(retain one only)
 In case of supplies from abroad, the mode of transportation shall be by ***Air/Ocean.***
(retain one only)

| | | |
|---|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7 | GCC 2.17.1 | 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. |
| 8 | GCC 2.21.3 | The period of validity of the Warranty shall be 1YEARS(12 months) from the date of acceptance/installation and commissioning. |
| 9 | GCC2.22.1 | <p>The method and conditions of payment to be made to the Supplier under this Contract shall be as follows: <u>Payment for Goods supplied from abroad:</u> 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 Of 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 | 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 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 |

| | | |
|----|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | <p>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>The payment shall be made in Indian Rupees, as follows:</p> <p style="padding-left: 40px;"><i>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.</i></p> <p>OR</p> <p>After shipment/delivery of 100% material at site : 70percent of the total material supplied</p> <p>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>(b) On Acceptance: Balance amount of the contract 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 Gaurantee.</p> |
| | | <p>Note:</p> <p>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, 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 <u><i>praphul.spo@iiim.res.in</i></u> |
| 14 | GCC 2.43.1 | The integrity pact is to be signed/not signed (if required) |
| 15 | GCC 2.43.2 | <i>The name and contact details of the IEMs are as under:</i> |

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 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: _____

(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

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

TECHNICAL SPECIFICATION

Requirement for Room No: 309 of CSIR-IIIM Jammu.

BIDDER PREQUALIFICATION CRITERIA

Bidder shall meet all the pre qualification criteria as given below for qualifying to this tender. In the event of only one Bidder qualifying technically, the Technical Committee shall have the right to accept or reject the concerned bidder.

The bidder shall furnish a covering page indicating item wise compliance to all the Pre-qualification criteria. Bidder Prequalification Criteria are as given below:

- The Bidder shall have experience in Designing, Manufacturing, Supply, Execution, Commissioning & Servicing of Laboratory Furniture & Accessories on a turnkey basis **the following during the last 5 years ending the last day of the month.**
- The Bidder has carried out preferably similar works, same value of the estimated cost, in the 5 years ending on the last day of the month. At least one contract should be in Govt. Universities/any of Central PSU's / Autonomous Bodies. The project executed as such by the Bidder should be in operation currently. **The Bidder should produce the backup documents like Purchase Order, completion certificates etc.**
- Similar work shall mean "Designing, Manufacturing, Supply, Execution, Commissioning and Servicing of Laboratory Furniture Comprising of Lab Work Benches, and accessories"
- The vendor should have a well established make in India (in house) manufacturing unit for the Lab Furniture, Quality Management System as per International Standards providing the products and services on the continued basis for the last 5 years. The vendor shall possess the current / valid approval for such equipment manufacturing facility by a Statutory Certifying Authority, like Factory Inspectorate etc. A notarized copy of valid certificate needs to be enclosed.
- The Bidder should be an Official Member with SEFA for a continued basis from past 3 Year from this notification. (Supporting documents for the same need to be furnished) and bidder should provide have document of third party test facility.
- If required, the technical committee from IIIM Jammu shall visit the similar works completed by vendors and submitted as mentioned above to assess their capability.
- **The Bidder shall visit IIIM, Jammu, and Project site TO UNDERSTAND THE REQUIREMENTS OF THE SITE. The Bidder shall study the scope in detail before submitting bid.**
- **The Bidder shall provide the complete documentary evidence duly self attested by notary for the following in support of Bidder Pre-Qualification Criteria.**

For Clause no. 1.0, 1.1, 1.2, 1.3, 1.4

1) Purchase Orders

2) Completion Certificates and experience of performance for jobs, issued by the clients.

3) Experience details duly filled in following format.

| S. No | Name of client | Name & location of the project | Brief description of project | Value of the Project | Documents submitted |
|-------|----------------|--------------------------------|------------------------------|----------------------|--------------------------------------------|
| | | | | | (PO copy & completion certificate) – (Y/N) |
| | | | | | |
| | | | | | |

For Clause no. 2.0

1) Audited balance sheets of financial years 2016, 2017 & 2018.

2) Annual Turnover details duly filled in the following format.

| Financial year | 2016-17 | 2017-18 | 2018-19 |
|-----------------|---------|---------|---------|
| Annual Turnover | | | |

- **Note to Bidders: Offers of Bidders failing to submit the prescribed documents in support of the above prequalification criteria shall be rejected.**

Project substantial completion shall be withheld until all required Unit certification letters, tests, and reports have been submitted to and approved by the IIIM

Specifications and allied Technical details

LAB. FURNITURE & ACCESSORIES:-

CRCA (Cold Rolled Close Annealed or G. I. Sheets)

| TENDERED SPECIFICATIONS | |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <p>SUMMARY AND SCOPE</p> <ul style="list-style-type: none"> • Furnish all cabinets and casework, including granite tops, ledges, supporting structures. Include delivery to the building, set in place, level, and scribe to walls and floors as required. • Supply & Installation of all utility service outlet accessory fittings, electrical receptacles, plumbing and electrical switches & fittings identified on drawings as mounted on the laboratory furniture. |

- Supply & Installation of, all laboratory sinks, cup sinks or drains, drain troughs, overflows and sink outlets with integral tailpieces, which occur above the floor, and where these items are part of the equipment. All tailpieces shall be furnished less the couplings required to connect them to the drain piping system.
- Supply & Installation of service strip supports where specified, and setting in place service tunnels, service turrets, supporting structures and reagent racks of the type shown on the drawings.

I. GENERAL REQUIREMENTS:

SEFA Standard:

The entire Laboratory furniture should be tested as per SEFA-8M standards in SEFA Approved labs with latest 2016 Guidelines published by SEFA., Failing which it lead to disqualification of bid.

Note :- CRCA (Cold Rolled Close Annealed or Skin passed/zero spangle G. I. Sheets or both materials can be used.

Frame construction:- (compulsory)

Entire structure should be "C" frame fabricated out of heavy gauge hollow pipes size 60 x 30 x 2 mm and 2.0 mm thick steel plates. The structure will be provided with necessary levelling bolts suitable for ± 5 mm level adjustment. Open ends of the pipe will be provided with elegant finish plastic caps. The structure shall be duly treated for the rust prevention and coated with epoxy powder coated.

Powder Coating:-

Complete module & frame work are processed with 8 tank pre- treatment and finished with highly corrosion resistant 'Akzonbel/PolyBond' epoxy powder coated for better corrosion resistance. The thickness of powder coat shall not be less than 50-60 microns, conforming to relevant BIS code, which accordingly passes the test of Salt Spray for 1000 hours.

II . TECHNICAL REQUIREMENTS:

General Requirements: It is the intent of this specification to provide a high quality steel cabinet specifically designed for the laboratory environment.

Sheet Steel: Cold rolled sheet or G. I steel shall be prime grade 16, 18 and 20 gauge; roller leveled, and shall be treated at the mill to be free of scale, ragged edges, deep scratches or other injurious effects.

Glass: Glass used for framed sliding and swinging doors shall be 1/8" float glass. Glass used for unframed sliding doors, shall be 1/4" float glass.

Steel Gauges:

- Gauges of steel used in construction of cases shall be 18 gauge, except as follows:
- Corner gussets for leveling bolts and apron corner braces, 12 gauge.
- Hinge reinforcements, case and drawer suspension channels, 14 gauge.

- Top and intermediate front horizontal rails, table aprons and reinforcement gussets, 16 gauge.
- Drawer assemblies, door assemblies and adjustable shelves, 20 gauge.

1. 0 Storage Cabinets Castors type : Standards Heavy Duty under Module along with two front lockable castor wheels & two rear non lockable castor wheels (For Easy cleaning Purpose & Aesthetic looks) , comprising of one drawer one shutter, one drawer and two shutter, all drawers and adjustable height shelf. Cabinet shutter should be in double skin construction and should be provided with heavy duty, knuckle and barrel type SS hinges and positive catch arrangement.

1.1 Cabinet Frame: 1.2 mm horizontal and vertical stiffeners and 1.0 mm vertical panel of CRCA (Cold Rolled Close Annealed) Or G.I sheet.

1.2 Cover Panels: End side panel and back panel should be of of 1.2 mm thick CRCA MS sheet. All panels should be removable to repair any service line behind the units in future.

1.3 Shutters: Metal Shutters of CRCA or G.I sheet and 40-50 microns pure epoxy powder coating having a Scratch Hardness of 3Kgs.

1.4 Shelves & Drawers: CRCA or GI shelves with a load carrying capacity of 40-50 Kg. The overall load carrying capacity of cabinet to be 80 Kg of UDL – Uniformly Distributed Load (40-50 kgs. on each shelf and 40-50 kgs. on bottom). The overall load carrying capacity of drawer should be 40 kgs. of UDL for a pair of ball slide.

1.5 Slides & Handles: High precision double extension ball slides. Hinges to be spring loaded with CED (Cathode Electrode Deposition) coating with self closing mechanism. Handles should be PVC Recessed.

1.6 Locks: Each unit should have a locking facility with 180°, 10 lever cam lock mechanism.

1.7 Legs: The units to be supported on wide base Polystyrene legs (Hettich Make or equivalent) high impact proof material of base diameter 40-50 mm. Load bearing capacity of each leg should be at least 425- 450kg/ leg. The legs should be height -adjustable with a range of +/- 50 mm.

2. Reagent Shelves: should of be of complete modular design consisting of horizontal 2 stage storage shelves. The end vertical support should be 1.2 mm & horizontal shelves of 1.0 mm thick CRCA M.S./ G.I Sheet. Each shelf should have a load carrying capacity of 30-40 kgs. of UDL for the length of 1000 mm. The complete M.S. material of cabinet to be pretreated (degreased, Zinc phosphated) and epoxy powder coated for better corrosion resistance. The thickness of powder coat to be 45-50 microns, which passes the test of Salt Spray for 1000 hours and having the Scratch Hardness of 3Kgs.

3. Polypropylene Drop in Sinks of size 558X455X300mm (approx.) made of high density 5mm polypropylene elasticity 5 micron/ thickness, should have PH resistance with organic desolvent.

4. 3 way faucets: Sink unit shall have 3 way (2 straight+1 swan neck) 360° turn type water faucets made up of Brass with epoxy powder coating. It should be PH and rust resistant. the switch valve cast to be made of ceramic that can avoid acid wear. The outlet produced in PVC, has detachable hose nozzles, allay pressure, changeable high-pressure outlet constructed or normal clean outlet control of water flow faucet immediately.

5. SS Pegboard of overall size of 550x420mm (approx.). Adjustable PP pegs of 10mm dia. It should have a welded square tube of 20x40x1mm (approx.). Tube should be of PVC material.

6. Electrical Accessories and fittings should consist of electrical trunking of 1.0 mm thick CRCA MS sheet. It should have a high temperature withstanding capacity with excellent electrical insulation

properties. The rear portion of above accessories which is in contact with live metal shall be made from thermo set material which should not melt on heating. Each electrical module consists of (North-West make or equivalent):

- 1) 2 No. 16 Amp 5 Pin socket
- 2) 2 No. 16 Amp Switch with LED

7. Work surface should be 18-19mm (± 1 mm) thick high quality granite in jet black color with pre moulded, pre polished edges. The backing material for granite should be 6 mm thick Neoprene mat.

8. Service Indexes:

Fittings shall be identified with service indexes in the following color coding:

| | |
|-----------------|-------------|
| Cold Water out- | Dark Green |
| Helium- | Dark Blue |
| Raw water- | Orange |
| Cold Water in- | Light Green |
| Nitrogen- | Brown |
| Vacuum- | Green |
| Hydrogen- | Pink |
| Nitrogen- | Light Blue |

Applicable Standards:

SEFA 3 : Scientific Equipments & Furniture Association

SEFA 8M : Scientific Equipments & Furniture Association

Quality assurance and workmanship :

- ❖ Only approved brands of items shall be accepted. Samples shall be got approved before taking up full supply/installation.
- ❖ If required Tests on representative samples and/or components thereof shall be got conducted from reputed Laboratory as decided by the In-charge.
- ❖ Samples shall be taken/made as per the direction of the In-Charge in presence of the authorized representative of the contractors. Samples shall be signed and sealed by both the parties. Manufacture's Test certificate for the product being offered is to be provided to the department.
- ❖ The specifications are intended for the general description of the work quality and workmanship. The specifications are however not intended to cover the minute details and work shall be execute according to the specification given herein or in its absence the relevant **BIS/SEFA** specification/standards or the best practice recommended by relevant Indian

Manufacturers or best trade practices.

- ❖ All material shall confirm to the approved makes of materials specified. The procurement of various materials shall be either from the manufacturers or their authorized dealers so that there is no duplicate/spurious makes are used. Notwithstanding all above, contractor shall be held responsible for the execution of works and use of proper best available quality of materials as per the tender specifications. For the items/materials not appearing in the list, the decision of Engineer-in-charge shall be final and binding.
- ❖ The contractor shall arrange stage wise inspection of the furniture at factory of the works by In-Charge or his authorized representative if asked for. Contractor will have no claim if the furniture brought at site is rejected by In-Charge in part or full lot due to bad workmanship /quality. Such furniture will not be paid for and the contractor shall remove the same from the site of work within 7 days after the written instructions in this regard are issued by In-Charge or his authorized representative.
- ❖ The contractor shall produce all materials in advance so that there is sufficient time for testing and approving of the material and clearance of the same for use in work. The contractor shall produce test certificates of all the material in respect of their conformation to the relevant Indian standards/quotation specifications. All tests required for the materials as desired by the In-Charge shall be at the contractors cost.
- ❖ Testing may also be carried out at the discretion of the In-Charge, from the lot of finished product brought at site by the contractor. In case such tests have been carried out by the principal manufacturer at its testing facility, the same will may be provided by the contractor for consideration.

List of approved makes of materials:-

- ❖ Paint : Asian Paints/Berger/Oikos/Nerolac/Berger/
- ❖ Float Glass : Modi Guard/Glaver Bel/Saint Gobain
- ❖ Expansion Bolts : Hilti/Fischer/Hettich
- ❖ Glazing Sealant : Dow Corning/GE Sealant
- ❖ SS/Chrome Coated Hardware : Dorma/Hafele/Hettich
- ❖ Aluminum Alloy Extruded Section: Hindalco/Indalco/ Jindal
- ❖ Hinges : Hettich/Haffle/Grass
- ❖ Locks : Dorset/Locksmith/Godrej/ Hettich/

OFFICE FURNITURE

TENDERED SPECIFICATIONS

Mid Back Ergonomic Chairs on castors with arms

1) SEAT/BACK ASSEMBLY: The seat is made up of hot pressed moulded reconstituted wood of 12mm average thickness and back is two part injection moulded plastic.

SEAT SUB ASSEMBLY SIZE: 49.0cm (W) X 49.5cm (D)

BACK SUB

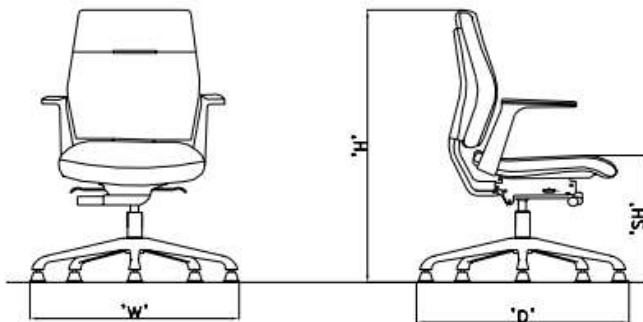
ASSEMBLY SIZE: (MID BACK): 45.0 cm (W) X 49.0 cm (H)

2) POLYURETHANE2 FOAM: The Polyurethane foam is moulded in Density 45 kg/m³,

3) ARMRESTS : The armrests are Pressure die casted in polished Aluminium with PP Arm Tops.

3) AUTO-RETURN MECHANISM: The Conference and Board room chair has an Auto-return mechanism to allow the user free movement while being sitted and after use guides the upper structure to rotate back to its original position enabling all chairs around the table to be aligned.

4) ADJUSTABLE BACK SUPPORT : Backrest is connected to the mechanism with a drop-lift mechanism which can be adjusted in the range of 7.0 cm for the comfortable back support to suitable individual need.



Officers Visitor Chair

1) SEAT/BACK ASSEMBLY: The seat and back are made up of 1.2 cm. thick hot-pressed plywood, upholstered with fabric upholstery covers and moulded Polyurethane foam. The

back foam is designed with contoured lumbar support for extra comfort.

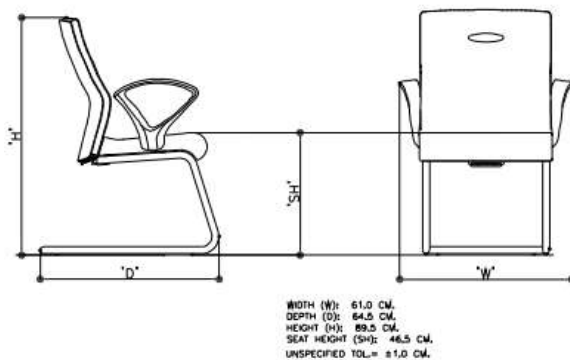
BACK SIZE : 47.5 cm. (W) x 58.0cm. (H)

SEAT SIZE: 47.0 cm. (W) x 48.0 cm. (D)

2) POLYURETHANE FOAM: The Polyurethane foam is moulded with density = $45 \pm 2 \text{ kg/m}^3$ and Hardness = 20 ± 2 at 25% compression.

3) ARMRESTS: The one-piece armrests are injection moulded from black Co-polymer Polypropylene.

4) TUBULAR FRAME (FOR 9U12RX): The powder coated tubular frame is cantilever type & made of dia 25.4mm x 2mm thk SS Tube.



High Rise Revolving stool (Black seat cover) with cushion in seat & lumbar support at back, SS metal stand with ring type foot rest & castors & Gas Lift



Wall cabinet (W 750 x D 450 x H 750)

Wall Mounted Overhead File Cabinets (Float Glass Door) CRCA (Cold Rolled Close Annealed) or G. I. Sheets Two Shutter with one adjustable shelf Size: - 750Lmm x 370mm W x 750 mmH (approx.) **PI refer dwg as**

per attached.



MISCELLANEOUS WORK

TENDERED SPECIFICATIONS

1. VITRIFIED FLOOR TILES

Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including grouting the joints with white cement and matching pigments etc., complete. **Size of Tile 600x600 mm**

Preparation of Surface and Laying

- a) Base concrete or the RCC slab on which the tiles are to be laid shall be cleaned, wetted and mopped. The bedding for the tile shall be with cement mortar 1:4 (1 cement: 4 coarse sand) or as specified. The average thickness of the bedding shall be 20 mm or as specified while the thickness under any portion of the tiles shall not be less than 10 mm.
- b) Mortar shall be spread, tamped and corrected to proper levels and allowed to harden sufficiently to offer a fairly rigid cushion for the tiles to be set and to enable the mason to place wooden plank across and squat on it.
- c) Over this mortar bedding neat grey cement slurry of honey like consistency shall be spread at the

rate of 3.3 kg of cement per square metre over an area upto one square metre. Tiles shall be soaked in water washed clean and shall be fixed in this grout one after another, each tile gently being tapped with a wooden mallet till it is properly bedded and in level with the adjoining tiles. The joints shall be kept as thin as possible and in straight lines or to suit the required pattern.

- d) The surface of the flooring during laying shall be frequently checked with a straight edge about 2 m long, so as to obtain a true surface with the required slope. In bath, toilet W.C. kitchen and balcony/verandah flooring, suitable tile drop or as shown in drawing will be given in addition to required slope to avoid spread of water. Further tile drop will also be provided near floor trap.
- e) Where full size tiles cannot be fixed these shall be cut (sawn) to the required size, and their edge rubbed smooth to ensure straight and true joints. Tiles which are fixed in the floor adjoining the wall shall enter not less than 10 mm under the plaster, skirting or dado.
- f) After tiles have been laid surplus cement slurry shall be cleaned off.
- g)

Pointing and Finishing

The joints shall be cleaned off the grey cement slurry with wire/coir brush or trowel to a depth of 2 mm to 3 mm and all dust and loose mortar removed. Joints shall then be flush pointed with white cement added with pigment if required to match the colour of tiles. Where spacer lug tiles are provided, the half the depth of joint shall be filled with polysulphide or as specified on top with under filling with cement grout without the lugs remaining exposed. The floor shall then be kept wet for 7 days. After curing, the surface shall be washed and finished clean. The finished floor shall not sound hollow when tapped with a wooden mallet.

2. FALSE CEILING

12.5 mm thick tapered edge gypsum moisture resistant board Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides

of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with :

12.5 mm thick square edge PVC Laminated Gypsum Tile of size 595x595 mm, made of Gypsum plasterboard, manufactured from natural gypsum as per IS 2095 part I and laminated with white 0.16mm thick fire retardant PVC film on the face side and 12micron metalized polyester on the back side with all edges sealed with the face side PVC film which goes around and wraps the edges and is bonded to the edges and the back side metalized polyester film so as to make the tile a completely sealed unit.

3. ALUMINIUM WORK

Aluminium Sections

Aluminium sections used for fixed/openable windows, ventilators, partitions, frame work & doors etc. shall be suitable for use to meet architectural designs to relevant works and shall be subject to approval of the Engineer-in-Charge for technical, structural, functional and visual considerations. The aluminium extruded sections shall conform to IS 733 and IS 1285 for chemical composition and mechanical properties. The stainless steel screws shall be of grade AISI 304. The permissible dimensional tolerances of the extruded sections shall be as per IS 6477 and shall be such as not to impair the proper and smooth functioning/operation and appearance of door and windows.

Anodising

Standard aluminium extrusion sections are manufactured in various sizes and shapes in wide range of solid and hollow profiles with different functional shapes for architectural, structural glazing, curtain walls, doors, window & ventilators and various other purposes. The anodizing of these products is required to be done before the fabrication work by anodizing/electro coating plants which ensures uniform coating in uniform colour and shades. The extrusions are anodized up to 30 micron in different colours. The anodized extrusions are tested regularly under strict quality control adhering to Indian Standard.

DOOR, WINDOW, VENTILATOR AND PARTITION FRAMES

Frame Work

First of all the shop drawings for each type of doors/windows/ventilators etc. shall be prepared by using suitable sections based on architectural drawings, adequate to meet the requirement/ specifications and by taking into consideration varying profiles of aluminium sections being extruded by approved manufacturers. The shop drawings shall show full size sections of glazed doors, windows, ventilators etc. The shop drawings shall also show the details of fittings and joints. Before start of the work, all the shop drawings shall be got approved from the Engineer-in-Charge.

Actual measurement of openings left at site for different type of door/window etc. shall be taken. The fabrication of the individual door/windows/ventilators etc. shall be done as per the actual sizes of the opening left at site. The frames shall be truly rectangular and flat with regular shape corners fabricated to true right angles. The frames shall be fabricated out of section which have been cut to length, mitered and jointed mechanically using appropriate machines.

Detail of Door Frame / Partition Section

1. Frame- Single Groove (Section No. 20067) – 101.60mm x 44.45mm x 3.0 mm thick (weight between 2.34 kg/m)
2. Frame - Double Groove (Section No. 20066) – 101.60mm x 44.45mm x 3.0 mm thick (weight between 2.42 kg/m)

Detail of Door Shutter Section

1. Shutter Vertical Style Section (Section No. 19509) – 85.00mm x 44.45mm x 3.0 mm thick (weight between 2.05 kg/m)
2. Shutter Vertical Plane Section (Section No. 19508) – 83.50mm x 44.45mm x 3.0 mm thick (weight between 2.05 kg/m)
3. Shutter Top & Bottom Section (Section No. 19510) – 113.30mm x 44.45mm x 3.0 mm thick (weight between 2.64 kg/m)
4. Shutter Middle Section (Section No. 19583) – 83.50mm x 44.45mm x 3.18 mm thick (weight between 2.14 kg/m)
5. Glazing Clip (Section No. 19360) – 19.00mm x 17.30mm x 1.00 mm thick (weight between 0.12 kg/m)
6. Glazing Plate (Section No. 19353) – 44.45mm x 5.72mm x 3.22 mm thick (weight between 0.45 kg/m)
- 7.

Fixing of Frames

The holes in concrete/masonry/wood/any other members for fixing anchor bolts/fasteners/screws shall be drilled with an appropriate electric drill. Windows/doors/ventilators etc. shall be placed in correct final position in the opening and fixed to Sal wood backing using stainless steel screws of star headed, counter sunk and matching size groove. of required size at spacing not more than 250 mm c/c or dash fastener. All joints shall be sealed with approved silicone sealants. In the case of composite windows and doors, the different units are to be assembled first. The assembled composite units shall be checked for line, level and plumb before final fixing is done. Engineer-in-Charge in his sole discretion may allow the units to be assembled in their final location if the situation so warrants. Snap beadings and EPDM gasket shall be fixed as per the detail shown in the shop drawings. Where aluminium comes into contact with stone masonry, brick work, concrete, plaster or dissimilar metal, it shall be coated with an approved insulation lacquer, paint or plastic tape to ensure that electrochemical corrosion is avoided. Insulation material shall be trimmed off to a clean flush line on completion. The contractor shall be responsible for the doors, windows etc. being set straight, plumb, level and for their satisfactory operation after fixing is complete.

PANELING MATERIAL

Pre-laminated Particle Board

Fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineerin- charge.

A particles board laminated on both surfaces by synthetic resin impregnated base papers under heat and pressure. Pre-laminated particle boards shall be of two grades, namely, Grade I and II corresponding to IS

3087 & 12823. Each of the grades specified shall be of four types, namely, Types-I, II, III, and IV classified by the surface abrasion characteristics specified in Table 21.1. The grade and types of pre-laminated particle board shall be represented by symbols as follows:

| Grade | Type | Designation |
|--------------|-------------|--------------------|
| Grade I | Type I | PLB-11 |
| | Type II | PLB-12 |
| | Type III | PLB-13 |
| | Type IV | PLB-14 |
| Grade II | Type I | PLB-21 |
| | Type II | PLB-22 |
| | Type III | PLB-23 |
| | Type IV | PLB-24 |

FLOAT GLASS

Fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. With float glass panes of 5 mm thickness (weight not less than 12.50 kg/ sqm)

- The glass shall be clear float glass and should be approved by the Engineer in Charge. It shall be clear, float transparent and free from cracks subject to allowable defects. The float glass shall conform to the IS 14900.
- The EPDM Gaskets shall be of size and profile as shown in drawings and as called for, to render the glazing, doors, windows, ventilators etc. air and water tight. Samples of gaskets shall be submitted for approval and the EPDM gasket approved by Engineer-in-Charge shall only be used. The contractor shall submit documentary proof of using the above material in the work to the entire satisfaction of Engineer in- Charge.

-

Double Action Hydraulic Floor Spring

Fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer

box with slide plate etc. complete as per the direction of Engineer-in-charge.

With stainless steel cover plate minimum 1.25 mm thickness

Lock

Fixing **Brass 100mm mortice latch and lock with 6 levers without pair of handles** (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.

Handler

Fixing anodized (AC 15) aluminium round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer-in charge.

APPROVED MAKE OF MATERIALS FOR FUMEHOODS AND LABORATORY FURNITURE SYSTEM

| | | |
|----|--------------------------------|---------------------------------------------|
| 1 | LABORATORY FITTINGS | WATER SAVER / BROEN / FAG/ FAR |
| 2 | LABORATORY SINKS / DRIP CUPS | WATER SAVER / BROEN/ALLOYPLAS/MALAYSIA |
| 3 | LABORATORY ELECTRICAL SOCKET | NORTHWEST / LEGRAND / MK / NORISYS |
| 4 | DATA & VOICE SOCKET | NORTHWEST / LEGRAND / MK/ NORISYS |
| 5 | EYEWASH / SHOWER | WATER SAVER / BROEN / FAG/ TOF/FAR |
| 6 | SPOT EXTRACTOR | FUMEX / ALSIDENT / NEDERMANN |
| 7 | FLAMMABLE STORAGE TALL CABINET | JUSTRITE / EAGLE/ SECURALL |
| 8 | OFFICE FURNITURE | GODREJ / WIPRO / SPACE DESIGN / FORM DESIGN |
| 9 | FUME HOOD SERVICE FIXTURES | WATER SAVER/BROEN/FAG/FAR |
| 10 | FUME HOOD ELECTRICAL SOCKET | NORTHWEST/LEGRAND/MK /NORISYS |
| 11 | FACE VELOCITY & VAV CONTROLS | TEL /SAUTER / SIEMENS |

APPROVED MAKE OF MATERIALS FOR ELECTRICAL SYSTEM

| S.NO | DESCRIPTION | APPROVED MAKE |
|------|--------------------------------------------|----------------------------------------------------------------|
| 1 | MCCB | GE / ABB / SCHNIDER |
| 2 | LT CABLE as per IS:7098(2)1988 | HAVELLS NICCO / POLYCAB / RPG / UNIVERSAL (Unistar) / PRIMECAB |
| 3 | END TERMINATION MATERIALS | DOWELS / SMI / HMI |
| 4 | INDICATING METERS | SIMCO / MECO / AE / RISHAB |
| 5 | INDICATING LAMPS | GE / SIEMENS / SCHNEIDER / L&T |
| 6 | POWER CONTACTORS | GE / SIEMENS / ABB / SCHNEIDER / L&T |
| 7. | MCB / MCB DB | Havell's /Legrand/ GENERAL ELECTRIC (GE) |
| 8. | ELCB / ELMCB | Havell's /Legrand/ GENERAL ELECTRIC (GE) |
| 9 | PVC CONDUITS - FRLS | VIP / AVON / UNIVERSAL / PRECISION / NELCO |
| 10. | PVC WIRES - FRLS | FINOLEX / ANCHOR |
| 11. | INDUSTRIAL SOCKETS | MGE / NEPTUNE / BCH |
| 12. | LT PANELS | ANY LOCAL PANEL FABRICATOR |
| 13. | PANEL ACCESSORIES | DIRAK / ELMAX |
| 14. | TERMINAL BLOCK | PHOENIX CONTACT / ELMAX |
| 15. | HEAVY DUTY PVC PIPE / HDPE PIPE 6KG & 4 KG | SUPREME / FINOLEX |
| 16. | EARTHING - G I | ANY LOCAL SUPPLIER. |
| 17. | EARTHING - COPPER | ANY LOCAL SUPPLIER. |
| 18. | FIRE ALARM PANEL | MORLEY / HONEYWELL/NOTIFIER |
| 19. | SMOKE DETECTOS | SYSTEM SENSOR /APPOLO |
| 20 | FIRE EXTINGUISHERS | SAFEX/ NITIN |
| 21 | LT CABLES | RR KABEL / POWER FLEX |

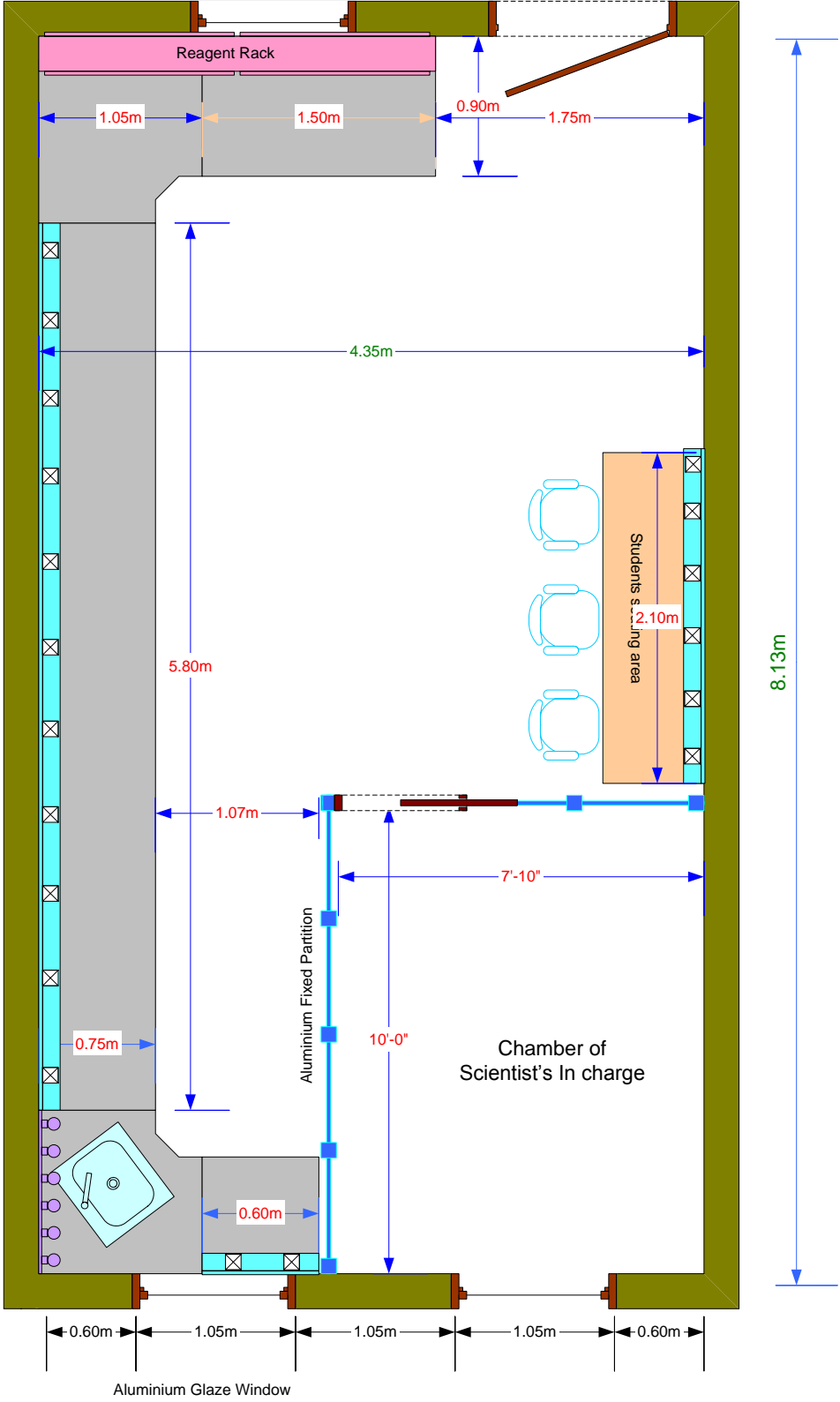
Note:-

Materials/ accessories shall be used approved make or APPENDIX II (Technical Specification).

Note:-

- **The sample, catalogue color, texture etc. of all above furniture shall be finalized before approved by IIM Technical Purchases Committee.**
- **The All finished product shall be delivered to the IIM, Jammu, duly covered with bubble sheet to avoid any breakage etc. However in case of any minor repair arising out of transportation etc. the same shall be repaired/ replaced immediately by the supplier without any extra cost.**

PROPOSED LAYOUT DRAWING OF LAB. FURNITURE OF ROOM NO.-309 OF GENETIC RESOURCES & AGRO TECH. DIVISION AT IIM, JAMMU



DESIGN & DRAWING:- S. N. BHARTI

Requirement for Room No. 306 & 326

BIDDER PREQUALIFICATION CRITERIA

Bidder shall meet all the pre qualification criteria as given below for qualifying to this tender. In the event of only one Bidder qualifying technically, the Technical Committee shall have the right to accept or reject the concerned bidder.

The bidder shall furnish a covering page indicating item wise compliance to all the Pre-qualification criteria. Bidder Prequalification Criteria are as given below:

- The Bidder shall have experience in Designing, Manufacturing, Supply, Execution, Commissioning & Servicing of Laboratory Furniture & Accessories on a turnkey basis **the following during the last 5 years ending the last day of the month.**
- The Bidder has carried out preferably similar works, same value of the estimated cost, in the 5 years ending on the last day of the month. At least one contract should be in Govt. Universities/any of Central PSU's / Autonomous Bodies. The project executed as such by the Bidder should be in operation currently. **The Bidder should produce the backup documents like Purchase Order, completion certificates etc.**
- Similar work shall mean "Designing, Manufacturing, Supply, Execution, Commissioning and Servicing of Laboratory Furniture Comprising of Lab Work Benches, and accessories"
- The vendor should have a well established make in India (in house) manufacturing unit for the Lab Furniture, Quality Management System as per International Standards providing the products and services on the continued basis for the last 5 years. The vendor shall possess the current / valid approval for such equipment manufacturing facility by a Statutory Certifying Authority, like Factory Inspectorate etc. A notarized copy of valid certificate needs to be enclosed.
- The Bidder should be an Official Member with SEFA for a continued basis from past 3 Year from this notification. (Supporting documents for the same need to be furnished) and bidder should provide have document of third party test facility.
- If required, the technical committee from IIIM Jammu shall visit the similar works completed by vendors and submitted as mentioned above to assess their capability.

- The Bidder shall visit IIM, Jammu, and Project site TO UNDERSTAND THE REQUIREMENTS OF THE SITE. The Bidder shall study the scope in detail before submitting bid.
- The Bidder shall provide the complete documentary evidence duly self attested by notary for the following in support of Bidder Pre-Qualification Criteria.

For Clause no. 1.0, 1.1, 1.2, 1.3, 1.4

1) Purchase Orders

2) Completion Certificates and experience of performance for jobs, issued by the clients.

3) Experience details duly filled in following format.

| S. No | Name of client | Name & location of the project | Brief description of project | Value of the Project | Documents submitted |
|-------|----------------|--------------------------------|------------------------------|----------------------|--------------------------------------------|
| | | | | | (PO copy & completion certificate) – (Y/N) |
| | | | | | |
| | | | | | |

For Clause no. 2.0

1) Audited balance sheets of financial years 2016, 2017 & 2018.

2) Annual Turnover details duly filled in the following format.

| Financial year | 2016-17 | 2017-18 | 2018-19 |
|-----------------|---------|---------|---------|
| Annual Turnover | | | |

- Note to Bidders: Offers of Bidders failing to submit the prescribed documents in support of the above prequalification criteria shall be rejected.

Project substantial completion shall be withheld until all required Unit certification letters, tests, and reports have been submitted to and approved by the IIM

Specifications and allied Technical details

LAB. FURNITURE & ACCESSORIES:-

CRCA (Cold Rolled Close Annealed or G. I. Sheets)

| | TENDERED SPECIFICATIONS |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <p>SUMMARY AND SCOPE</p> <ul style="list-style-type: none">• Furnish all cabinets and casework, including granite tops, ledges, supporting structures. Include delivery to the building, set in place, level, and scribe to walls and floors as required.• Supply & Installation of all utility service outlet accessory fittings, electrical receptacles, plumbing and electrical switches & fittings identified on drawings as mounted on the laboratory furniture.• Supply & Installation of, all laboratory sinks, cup sinks or drains, drain troughs, overflows and sink outlets with integral tailpieces, which occur above the floor, and where these items are part of the equipment. All tailpieces shall be furnished less the couplings required to connect them to the drain piping system.• Supply & Installation of service strip supports where specified, and setting in place service tunnels, service turrets, supporting structures and reagent racks of the type shown on the drawings. <p>I. GENERAL REQUIREMENTS:</p> <p><u>SEFA Standard:</u></p> <p>The entire Laboratory furniture should be tested as per SEFA-8M standards in SEFA Approved labs with latest 2016 Guidelines published by SEFA., Failing which it lead to disqualification of bid.</p> <p>Note :- CRCA (Cold Rolled Close Annealed or Skin passed/zero spangle G. I. Sheets or both materials can be used.</p> <p><i>Frame construction:- (compulsory)</i></p> |

Entire structure should be "C" frame fabricated out of heavy gauge hollow pipes size 60 x 30 x 2 mm and 2.0 mm thick steel plates. The structure will be provided with necessary levelling bolts suitable for ± 5 mm level adjustment. Open ends of the pipe will be provided with elegant finish plastic caps. The structure shall be duly treated for the rust prevention and coated with epoxy powder coated.

Powder Coating:-

Complete module & frame work are processed with 8 tank pre- treatment and finished with highly corrosion resistant 'Akzonbel/PolyBond' epoxy powder coated for better corrosion resistance. The thickness of powder coat shall not be less than 50-60 microns, conforming to relevant BIS code, which accordingly passes the test of Salt Spray for 1000 hours.

II . TECHNICAL REQUIREMENTS:

General Requirements: It is the intent of this specification to provide a high quality steel cabinet specifically designed for the laboratory environment.

Sheet Steel: Cold rolled sheet or G. I steel shall be prime grade 16, 18 and 20 gauge; roller leveled, and shall be treated at the mill to be free of scale, ragged edges, deep scratches or other injurious effects.

Glass: Glass used for framed sliding and swinging doors shall be 1/8" float glass. Glass used for unframed sliding doors, shall be 1/4" float glass.

Steel Gauges:

- Gauges of steel used in construction of cases shall be 18 gauge, except as follows:
- Corner gussets for leveling bolts and apron corner braces, 12 gauge.
- Hinge reinforcements, case and drawer suspension channels, 14 gauge.
- Top and intermediate front horizontal rails, table aprons and reinforcement gussets, 16 gauge.
- Drawer assemblies, door assemblies and adjustable shelves, 20 gauge.

1. 0 Storage Cabinets Castors type : Standards Heavy Duty under Module along with two front lockable castor wheels & two rear non lockable castor wheels (For Easy cleaning Purpose & Aesthetic looks) , comprising of one drawer one shutter, one drawer and two shutter, all drawers and adjustable height shelf. Cabinet shutter should be in double skin construction and should be provided with heavy duty, knuckle and barrel type SS hinges and positive catch arrangement.

1.1 Cabinet Frame: 1.2 mm horizontal and vertical stiffeners and 1.0 mm vertical panel of CRCA (Cold Rolled Close Annealed) Or G.I sheet.

1.2 Cover Panels: End side panel and back panel should be of of 1.2 mm thick CRCA MS sheet. All panels should be removable to repair any service line behind the units in future.

1.3 Shutters: Metal Shutters of CRCA or G.I sheet and 40-50 microns pure epoxy powder coating having

a Scratch Hardness of 3Kgs.

1.4 Shelves & Drawers: CRCA or GI shelves with a load carrying capacity of 40-50 Kg. The overall load carrying capacity of cabinet to be 80 Kg of UDL – Uniformly Distributed Load (40-50 kgs. on each shelf and 40-50 kgs. on bottom). The overall load carrying capacity of drawer should be 40 kgs. of UDL for a pair of ball slide.

1.5 Slides & Handles: High precision double extension ball slides. Hinges to be spring loaded with CED (Cathode Electrode Deposition) coating with self closing mechanism. Handles should be PVC Recessed.

1.6 Locks: Each unit should have a locking facility with 180°, 10 lever cam lock mechanism.

1.7 Legs: The units to be supported on wide base Polystyrene legs (Hettich Make or equivalent) high impact proof material of base diameter 40-50 mm. Load bearing capacity of each leg should be at least 425- 450kg/ leg. The legs should be height -adjustable with a range of +/- 50 mm.

2. Reagent Shelves: should of be of complete modular design consisting of horizontal 2 stage storage shelves. The end vertical support should be 1.2 mm & horizontal shelves of 1.0 mm thick CRCA M.S./ G.I Sheet. Each shelf should have a load carrying capacity of 30-40 kgs. of UDL for the length of 1000 mm. The complete M.S. material of cabinet to be pretreated (degreased, Zinc phosphated) and epoxy powder coated for better corrosion resistance. The thickness of powder coat to be 45-50 microns, which passes the test of Salt Spray for 1000 hours and having the Scratch Hardness of 3Kgs.

3. Polypropylene Drop in Sinks of size 558X455X300mm (approx.) made of high density 5mm polypropylene elasticity 5 micron/ thickness, should have PH resistance with organic desolvent.

4. 3 way faucets: Sink unit shall have 3 way (2 straight+1 swan neck) 360° turn type water faucets made up of Brass with epoxy powder coating. It should be PH and rust resistant. the switch valve cast to be made of ceramic that can avoid acid wear. The outlet produced in PVC, has detachable hose nozzles, allay pressure, changeable high-pressure outlet constructed or normal clean outlet control of water flow faucet immediately.

5. SS Pegboard of overall size of 550x420mm (approx.). Adjustable PP pegs of 10mm dia. It should have a welded square tube of 20x40x1mm (approx.). Tube should be of PVC material.

6. Electrical Accessories and fittings should consist of electrical trunking of 1.0 mm thick CRCA MS sheet. It should have a high temperature withstanding capacity with excellent electrical insulation properties. The rear portion of above accessories which is in contact with live metal shall be made from thermo set material which should not melt on heating. Each electrical module consists of (North-West make or equivalent):

1) 2 No. 16 Amp 5 Pin socket

2) 2 No. 16 Amp Switch with LED

7. Work surface should be 18-19mm (\pm 1 mm) thick high quality granite in jet black color with pre moulded, pre polished edges. The backing material for granite should be 6 mm thick Neoprene mat.

8. Service Indexes:

Fittings shall be identified with service indexes in the following color coding:

Cold Water out-

Dark Green

| | |
|----------------|-------------|
| Helium- | Dark Blue |
| Raw water- | Orange |
| Cold Water in- | Light Green |
| Nitrogen- | Brown |
| Vacuum- | Green |
| Hydrogen- | Pink |
| Nitrogen- | Light Blue |

Applicable Standards:

SEFA 3 : Scientific Equipments & Furniture Association

SEFA 8M : Scientific Equipments & Furniture Association

Quality assurance and workmanship :

- ❖ Only approved brands of items shall be accepted. Samples shall be got approved before taking up full supply/installation.
- ❖ If required Tests on representative samples and/or components thereof shall be got conducted from reputed Laboratory as decided by the In-charge.
- ❖ Samples shall be taken/made as per the direction of the In-Charge in presence of the authorized representative of the contractors. Samples shall be signed and sealed by both the parties. Manufacture's Test certificate for the product being offered is to be provided to the department.
- ❖ The specifications are intended for the general description of the work quality and workmanship. The specifications are however not intended to cover the minute details and work shall be execute according to the specification given herein or in its absence the relevant **BIS/SEFA** specification/standards or the best practice recommended by relevant Indian Manufacturers or best trade practices.
- ❖ All material shall confirm to the approved makes of materials specified. The procurement of various materials shall be either from the manufacturers or their authorized dealers so that there is no duplicate/spurious makes are used. Notwithstanding all above, contractor shall be held responsible for the execution of works and use of proper best available quality of materials as per the tender specifications. For the items/materials not appearing in the list, the decision of Engineer-in-charge shall be final and binding.
- ❖ The contractor shall arrange stage wise inspection of the furniture at factory of the works by In-Charge or his authorized representative if asked for. Contractor will have no claim if the furniture brought at site is rejected by In-Charge in part or full lot due to bad workmanship /quality. Such furniture will not be paid for and the contractor shall remove the same from the site of work within 7 days after the written instructions in this regard are issued by In-Charge or his authorized representative.
- ❖ The contractor shall produce all materials in advance so that there is sufficient time for testing and approving of the material and clearance of the same for use in work. The contractor shall

produce test certificates of all the material in respect of their conformation to the relevant Indian standards/quotation specifications. All tests required for the materials as desired by the In-Charge shall be at the contractors cost.

- ❖ Testing may also be carried out at the discretion of the In-Charge, from the lot of finished product brought at site by the contractor. In case such tests have been carried out by the principal manufacturer at its testing facility, the same will may be provided by the contractor for consideration.

List of approved makes of materials:-

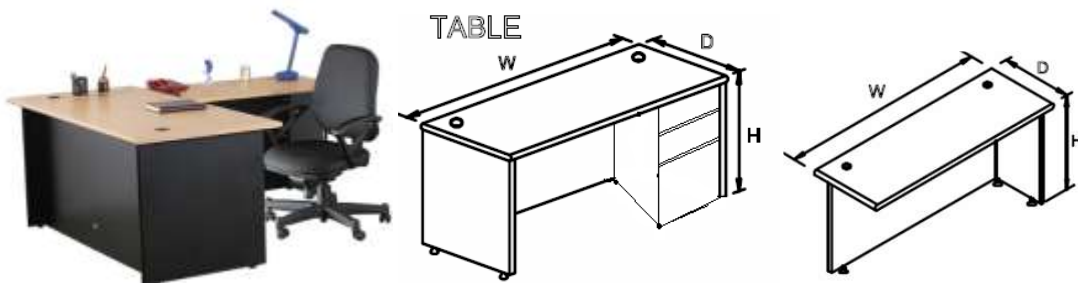
- ❖ Paint : Asian Paints/Berger/Oikos/Nerolac/Berger/
- ❖ Float Glass : Modi Guard/Glaver Bel/Saint Gobain
- ❖ Expansion Bolts : Hilti/Fischer/Hettich
- ❖ Glazing Sealant : Dow Corning/GE Sealant
- ❖ SS/Chrome Coated Hardware : Dorma/Hafele/Hettich
- ❖ Aluminum Alloy Extruded Section: Hindalco/Indalco/ Jindal
- ❖ Hinges : Hettich/Haffle/Grass
- ❖ Locks : Dorset/Locksmith/Godrej/ Hettich/

OFFICE FURNITURE

TENDERED SPECIFICATIONS

Table 5 ft with ERU and pestastal

Table size shall be 1500 Width mm x 750 Depth mm x 740 Height mm (approx) .Table top shall be 25 mm thick plain particle board (PPB) Clad with 0.6 mm thick post formed laminate and 1 mm thick backing laminate (bdl) .Flat edge Duly sealed with 2 mm thick PVC beading. The modesty shall be 18 mm thick plain particle board with 1.0 mm thick decorative laminate (DL) on both sides. Edge Sealed with 2 mm thick PVC beading. ERU size shall be 1050 Width x 450 Depth x 705 Height (approx). The top of Finesse shall be 25 mm thick plain particle board (PPB) Clad with 0.6 mm thick post formed laminate and 1 mm thick Backing Laminate (BDL). Flat Edge duly sealed with 2 mm thick PVC beading. The Modesty shall be 18 mm thick plain particle board (PPB) Clad with 1.0 mm thick Decorative Laminate (DL) on both sides. Edge sealed with 2 mm thick PVC Beading. Shall be supplied with 3 drawer pedestal of size 646H x 390W x 440D (approx)



Mid Back Ergonomic Chairs on castors with arms

1) SEAT/BACK ASSEMBLY: The seat is made up of hot pressed moulded reconstituted wood of 12mm average thickness and back is two part injection moulded plastic.

SEAT SUB ASSEMBLY SIZE: 49.0cm (W) X 49.5cm (D)

BACK SUB

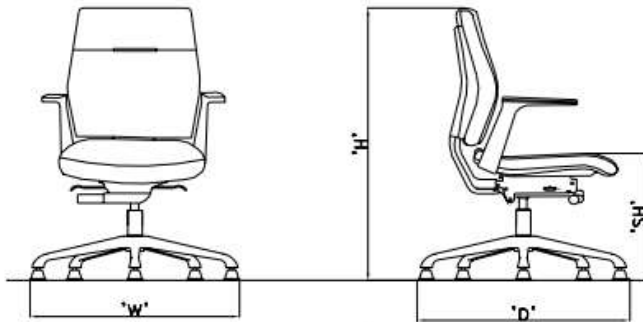
ASSEMBLY SIZE: (MID BACK): 45.0 cm (W) X 49.0 cm (H)

2) POLYURETHANE2 FOAM: The Polyurethane foam is moulded in Density 45 kg/m3,

3) ARMRESTS : The armrests are Pressure die casted in polished Aluminium with PP Arm Tops.

3) AUTO-RETURN MECHANISM: The Conference and Board room chair has an Auto-return mechanism to allow the user free movement while being sitted and after use guides the upper structure to rotate back to its original position enabling all chairs around the table to be aligned.

4) ADJUSTABLE BACK SUPPORT : Backrest is connected to the mechanism with a drop-lift mechanism which can be adjusted in the range of 7.0 cm for the comfortable back support to suitable individual need.



Officers Visitor Chair

1) SEAT/BACK ASSEMBLY: The seat and back are made up of 1.2 cm. thick hot-pressed plywood, upholstered with fabric upholstery covers and moulded Polyurethane foam. The back foam is designed with contoured lumbar support for extra comfort.

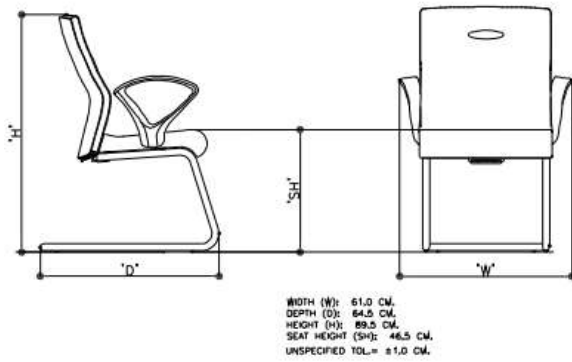
BACK SIZE : 47.5 cm. (W) x 58.0cm. (H)

SEAT SIZE: 47.0 cm. (W) x 48.0 cm. (D)

2) POLYURETHANE FOAM: The Polyurethane foam is moulded with density = 45 ± 2 kg/m³ and Hardness = 20 ± 2 at 25% compression.

3) ARMRESTS: The one-piece armrests are injection moulded from black Co-polymer Polypropylene.

4) TUBULAR FRAME (FOR 9U12RX): The powder coated tubular frame is cantilever type & made of dia 25.4mm x 2mm thk SS Tube.



High Rise Revolving stool (Black seat cover) with cushion in seat & lumber support at back, SS metal stand with ring type foot rest & castors & Gas Lift



Sliding Door Unit

Storage file cases with as per drawing ref: with product Size shall be: 1200 mm (W) x 450 mm (D) x 1200 mm (H) These components are made of CRCA 'D' grade high yield strength as per IS: 513. The trowel Minor should have a three way locking mechanism with Shooting Bolts. It should have a height wise adjustable shelf mounting (3 nos.) which shall have a Uniformly Distributed Load capacity of max 40 Kg. It should also have a M10 Screw type Leveller with Hex plastic base. The finishing shall include Epoxy powder coated to the thickness of 50 microns (+/- 10). CRCA (Cold Rolled Close Annealed) or G. I. Sheets or both materials can be used. **PI refer dwg as per attached.**



Wall cabinet (W 750 x D 450 x H 750)

Wall Mounted Overhead File Cabinets (Float Glass Door) CRCA (Cold Rolled Close Annealed) or G. I. Sheets
Two Shutter with one adjustable shelf Size: - 750Lmm x 370mm W x 750 mmH (approx.) **PI refer dwg as per attached.**



MISCELLANEOUS WORK

TENDERED SPECIFICATIONS

4. VITRIFIED FLOOR TILES

Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades,

laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including grouting the joints with white cement and matching pigments etc., complete. **Size of Tile 600x600 mm**

Preparation of Surface and Laying

- h)* Base concrete or the RCC slab on which the tiles are to be laid shall be cleaned, wetted and mopped. The bedding for the tile shall be with cement mortar 1:4 (1 cement: 4 coarse sand) or as specified. The average thickness of the bedding shall be 20 mm or as specified while the thickness under any portion of the tiles shall not be less than 10 mm.

- i)* Mortar shall be spread, tamped and corrected to proper levels and allowed to harden sufficiently to offer a fairly rigid cushion for the tiles to be set and to enable the mason to place wooden plank across and squat on it.

- j)* Over this mortar bedding neat grey cement slurry of honey like consistency shall be spread at the rate of 3.3 kg of cement per square metre over an area upto one square metre. Tiles shall be soaked in water washed clean and shall be fixed in this grout one after another, each tile gently being tapped with a wooden mallet till it is properly bedded and in level with the adjoining tiles. The joints shall be kept as thin as possible and in straight lines or to suit the required pattern.

- k)* The surface of the flooring during laying shall be frequently checked with a straight edge about 2 m long, so as to obtain a true surface with the required slope. In bath, toilet W.C. kitchen and balcony/verandah flooring, suitable tile drop or as shown in drawing will be given in addition to required slope to avoid spread of water. Further tile drop will also be provided near floor trap.

- l)* Where full size tiles cannot be fixed these shall be cut (sawn) to the required size, and their edge rubbed smooth to ensure straight and true joints. Tiles which are fixed in the floor adjoining the wall shall enter not less than 10 mm under the plaster, skirting or dado.

m) After tiles have been laid surplus cement slurry shall be cleaned off.

Pointing and Finishing

The joints shall be cleaned off the grey cement slurry with wire/coir brush or trowel to a depth of 2 mm to 3 mm and all dust and loose mortar removed. Joints shall then be flush pointed with white cement added with pigment if required to match the colour of tiles. Where spacer lug tiles are provided, the half the depth of joint shall be filled with polysulphide or as specified on top with under filling with cement grout without the lugs remaining exposed. The floor shall then be kept wet for 7 days. After curing, the surface shall be washed and finished clean. The finished floor shall not sound hollow when tapped with a wooden mallet.

5. FALSE CEILING

12.5 mm thick tapered edge gypsum moisture resistant board Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with :

12.5 mm thick square edge PVC Laminated Gypsum Tile of size 595x595 mm, made of Gypsum plasterboard, manufactured from natural gypsum as per IS 2095 part I and laminated with white 0.16mm thick fire retardant PVC film on the face side and 12micron metalized polyester on the back side with all edges sealed

with the face side PVC film which goes around and wraps the edges and is bonded to the edges and the back side metalized polyester film so as to make the tile a completely sealed unit.

6. ALUMINIUM WORK

Aluminium Sections

Aluminium sections used for fixed/openable windows, ventilators, partitions, frame work & doors etc. shall be suitable for use to meet architectural designs to relevant works and shall be subject to approval of the Engineer-in-Charge for technical, structural, functional and visual considerations. The aluminium extruded sections shall conform to IS 733 and IS 1285 for chemical composition and mechanical properties. The stainless steel screws shall be of grade AISI 304. The permissible dimensional tolerances of the extruded sections shall be as per IS 6477 and shall be such as not to impair the proper and smooth functioning/operation and appearance of door and windows.

Anodising

Standard aluminium extrusion sections are manufactured in various sizes and shapes in wide range of solid and hollow profiles with different functional shapes for architectural, structural glazing, curtain walls, doors, window & ventilators and various other purposes. The anodizing of these products is required to be done before the fabrication work by anodizing/electro coating plants which ensures uniform coating in uniform colour and shades. The extrusions are anodized up to 30 micron in different colours. The anodized extrusions are tested regularly under strict quality control adhering to Indian Standard.

DOOR, WINDOW, VENTILATOR AND PARTITION FRAMES

Frame Work

First of all the shop drawings for each type of doors/windows/ventilators etc. shall be prepared by using suitable sections based on architectural drawings, adequate to meet the requirement/ specifications and by taking into consideration varying profiles of aluminium sections being extruded by approved manufacturers. The shop drawings shall show full size sections of glazed doors, windows, ventilators etc. The shop drawings shall also show the details of fittings and joints. Before start of the work, all the shop drawings shall be got

approved from the Engineer-in-Charge.

Actual measurement of openings left at site for different type of door/window etc. shall be taken. The fabrication of the individual door/windows/ventilators etc. shall be done as per the actual sizes of the opening left at site. The frames shall be truly rectangular and flat with regular shape corners fabricated to true right angles. The frames shall be fabricated out of section which have been cut to length, mitered and jointed mechanically using appropriate machines.

Detail of Door Frame / Partition Section

3. Frame- Single Groove (Section No. 20067) – 101.60mm x 44.45mm x 3.0 mm thick (weight between 2.34 kg/m)
4. Frame - Double Groove (Section No. 20066) – 101.60mm x 44.45mm x 3.0 mm thick (weight between 2.42 kg/m)

Detail of Door Shutter Section

8. Shutter Vertical Style Section (Section No. 19509) – 85.00mm x 44.45mm x 3.0 mm thick (weight between 2.05 kg/m)
9. Shutter Vertical Plane Section (Section No. 19508) – 83.50mm x 44.45mm x 3.0 mm thick (weight between 2.05 kg/m)
10. Shutter Top & Bottom Section (Section No. 19510) – 113.30mm x 44.45mm x 3.0 mm thick (weight between 2.64 kg/m)
11. Shutter Middle Section (Section No. 19583) – 83.50mm x 44.45mm x 3.18 mm thick (weight between 2.14 kg/m)
12. Glazing Clip (Section No. 19360) – 19.00mm x 17.30mm x 1.00 mm thick (weight between 0.12 kg/m)
13. Glazing Plate (Section No. 19353) – 44.45mm x 5.72mm x 3.22 mm thick (weight between 0.45 kg/m)

Fixing of Frames

The holes in concrete/masonry/wood/any other members for fixing anchor bolts/fasteners/screws shall be drilled with an appropriate electric drill. Windows/doors/ventilators etc. shall be placed in correct final position in the opening and fixed to Sal wood backing using stainless steel screws of star headed, counter sunk and matching size groove. of required size at spacing not more than 250 mm c/c or dash fastener. All joints shall be sealed with approved silicone sealants. In the case of composite windows and doors, the different units are to be assembled first. The assembled composite units shall be checked for line, level and plumb before final fixing is done. Engineer-in-Charge in his sole discretion may allow the units to be assembled in their final location if the situation so warrants. Snap beadings and EPDM gasket shall be fixed as per the detail shown in the shop drawings. Where aluminium comes into contact with stone masonry, brick work, concrete, plaster or dissimilar metal, it shall be coated with an approved insulation lacquer, paint or plastic tape to ensure that electrochemical corrosion is avoided. Insulation material shall be trimmed off to a clean flush line on completion. The contractor shall be responsible for the doors, windows etc. being set straight, plumb, level and for their satisfactory operation after fixing is complete.

PANELING MATERIAL

Pre-laminated Particle Board

Fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineerin- charge.

A particles board laminated on both surfaces by synthetic resin impregnated base papers under heat and pressure. Pre-laminated particle boards shall be of two grades, namely, Grade I and II corresponding to IS 3087 & 12823. Each of the grades specified shall be of four types, namely, Types-I, II, III, and IV classified by the surface abrasion characteristics specified in Table 21.1. The grade and types of pre-laminated particle board shall be represented by symbols as follows:

| <i>Grade</i> | <i>Type</i> | <i>Designation</i> |
|---------------------|--------------------|---------------------------|
| Grade I | Type I | PLB-11 |
| | Type II | PLB-12 |
| | Type III | PLB-13 |
| | Type IV | PLB-14 |
| Grade II | Type I | PLB-21 |
| | Type II | PLB-22 |

Type III PLB-23

Type IV PLB-24

FLOAT GLASS

Fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. With float glass panes of 5 mm thickness (weight not less than 12.50 kg/ sqm)

- The glass shall be clear float glass and should be approved by the Engineer in Charge. It shall be clear, float transparent and free from cracks subject to allowable defects. The float glass shall conform to the IS 14900.
- The EPDM Gaskets shall be of size and profile as shown in drawings and as called for, to render the glazing, doors, windows, ventilators etc. air and water tight. Samples of gaskets shall be submitted for approval and the EPDM gasket approved by Engineer-in-Charge shall only be used. The contractor shall submit documentary proof of using the above material in the work to the entire satisfaction of Engineer in- Charge.

Double Action Hydraulic Floor Spring

Fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge.

With stainless steel cover plate minimum 1.25 mm thickness

Lock

Fixing **Brass 100mm mortice latch and lock with 6 levers without pair of handles** (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.

Handler

Fixing anodized (AC 15) aluminium round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer-in charge.

APPROVED MAKE OF MATERIALS FOR FUMEHOODS AND LABORATORY FURNITURE SYSTEM

| | | |
|---|--------------------------------|---------------------------------------------|
| 1 | LABORATORY FITTINGS | WATER SAVER / BROEN / FAG/ FAR |
| 2 | LABORATORY SINKS / DRIP CUPS | WATER SAVER / BROEN/ALLOYPLAS/MALAYSIA |
| 3 | LABORATORY ELECTRICAL SOCKET | NORTHWEST / LEGRAND / MK / NORISYS |
| 4 | DATA & VOICE SOCKET | NORTHWEST / LEGRAND / MK/ NORISYS |
| 5 | EYEWASH / SHOWER | WATER SAVER / BROEN / FAG/ TOF/FAR |
| 6 | SPOT EXTRACTOR | FUMEX / ALSIDENT / NEDERMANN |
| 7 | FLAMMABLE STORAGE TALL CABINET | JUSTRITE / EAGLE/ SECURALL |
| 8 | OFFICE FURNITURE | GODREJ / WIPRO / SPACE DESIGN / FORM DESIGN |

| | | |
|----|------------------------------|-------------------------------|
| 9 | FUME HOOD SERVICE FIXTURES | WATER SAVER/BROEN/FAG/FAR |
| 10 | FUME HOOD ELECTRICAL SOCKET | NORTHWEST/LEGRAND/MK /NORISYS |
| 11 | FACE VELOCITY & VAV CONTROLS | TEL /SAUTER / SIEMENS |

APPROVED MAKE OF MATERIALS FOR ELECTRICAL SYSTEM

| S.NO | DESCRIPTION | APPROVED MAKE |
|------|--------------------------------------------|----------------------------------------------------------------|
| 1 | MCCB | GE / ABB / SCHNIDER |
| 2 | LT CABLE as per IS:7098(2)1988 | HAVELLS NICCO / POLYCAB / RPG / UNIVERSAL (Unistar) / PRIMECAB |
| 3 | END TERMINATION MATERIALS | DOWELS / SMI / HMI |
| 4 | INDICATING METERS | SIMCO / MECO / AE / RISHAB |
| 5 | INDICATING LAMPS | GE / SIEMENS / SCHNEIDER / L&T |
| 6 | POWER CONTACTORS | GE / SIEMENS / ABB / SCHNEIDER / L&T |
| 7. | MCB / MCB DB | Havell's /Legrand/ GENERAL ELECTRIC (GE) |
| 8. | ELCB / ELMCB | Havell's /Legrand/ GENERAL ELECTRIC (GE) |
| 9 | PVC CONDUITS - FRLS | VIP / AVON / UNIVERSAL / PRECISION / NELCO |
| 10. | PVC WIRES - FRLS | FINOLEX / ANCHOR |
| 11. | INDUSTRIAL SOCKETS | MGE / NEPTUNE / BCH |
| 12. | LT PANELS | ANY LOCAL PANEL FABRICATOR |
| 13. | PANEL ACCESSORIES | DIRAK / ELMAX |
| 14. | TERMINAL BLOCK | PHOENIX CONTACT / ELMAX |
| 15. | HEAVY DUTY PVC PIPE / HDPE PIPE 6KG & 4 KG | SUPREME / FINOLEX |
| 16. | EARTHING - G I | ANY LOCAL SUPPLIER. |
| 17. | EARTHING - COPPER | ANY LOCAL SUPPLIER. |
| 18. | FIRE ALARM PANEL | MORLEY / HONEYWELL/NOTIFIER |

| | | |
|-----|--------------------|-----------------------|
| 19. | SMOKE DETECTOS | SYSTEM SENSOR /APPOLO |
| 20 | FIRE EXTINGUISHERS | SAFEX/ NITIN |
| 21 | LT CABLES | RR KABEL / POWER FLEX |

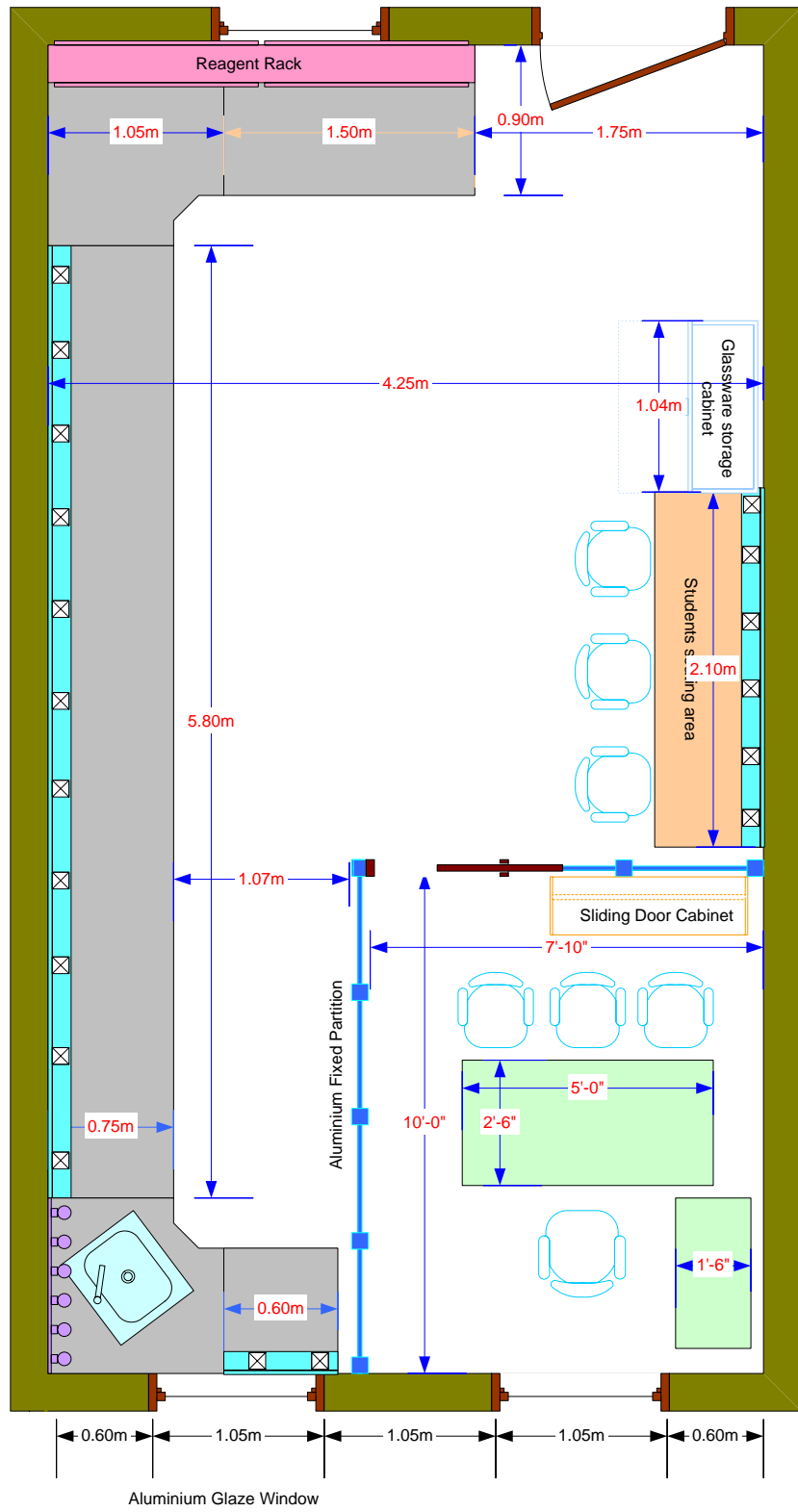
Note:-

Materials/ accessories shall be used approved make or APPENDIX II (Technical Specification).

Note:-

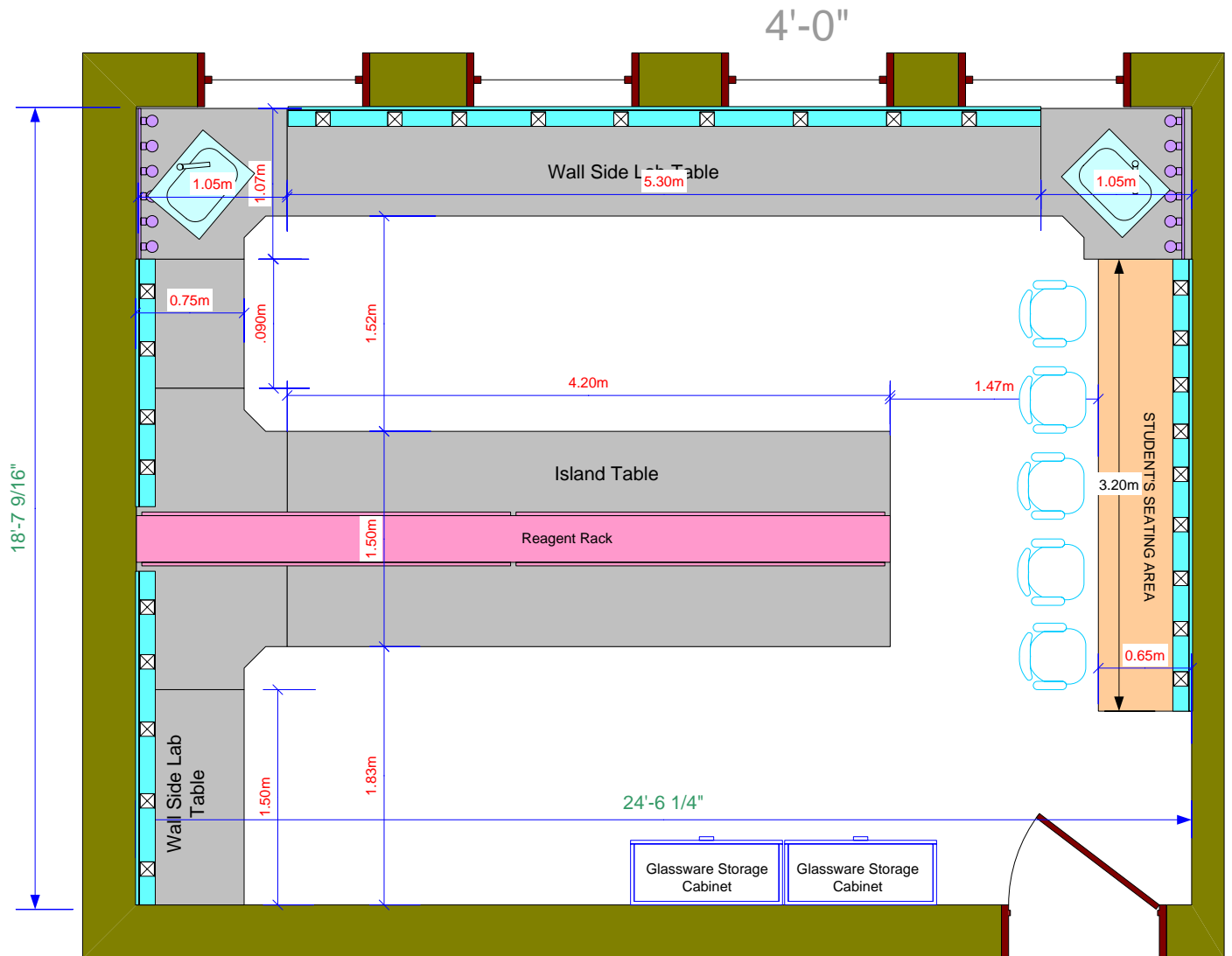
- **The sample, catalogue color, texture etc. of all above furniture shall be finalized before approved by IIM Technical Purchases Committee.**
- **The All finished product shall be delivered to the IIM, Jammu, duly covered with bubble sheet to avoid any breakage etc. However in case of any minor repair arising out of transportation etc. the same shall be repaired/ replaced immediately by the supplier without any extra cost.**

PROPOSED LAYOUT DRAWING OF LAB. FURNITURE OF ROOM NO.-306 OF
PLANT SCIENCE DIVISION AT IIIM, JAMMU



DESIGN & DRAWING:- S. N. BHARTI

PROPOSED LAYOUT DRAWING OF LAB. FURNITURE OF ROOM NO.- 326 OF PLANT SCIENCE DIVISION AT IIIM, JAMMU



DESIGN & DRAWING;- S. N. BHARTI

Requirement for Room No.258

BIDDER PREQUALIFICATION CRITERIA

Bidder shall meet all the pre qualification criteria as given below for qualifying to this tender. In the event of only one Bidder qualifying technically, the Technical Committee shall have the right to accept or reject the concerned bidder.

The bidder shall furnish a covering page indicating item wise compliance to all the Pre-qualification criteria. Bidder Prequalification Criteria are as given below:

- The Bidder shall have experience in Designing, Manufacturing, Supply, Execution, Commissioning & Servicing of Laboratory Furniture & Accessories on a turnkey basis **the following during the last 5 years ending the last day of the month.**
 - The Bidder has carried out preferably similar works, same value of the estimated cost, in the 5 years ending on the last day of the month. At least one contract should be in Govt. Universities/any of Central PSU's / Autonomous Bodies. The project executed as such by the Bidder should be in operation currently. **The Bidder should produce the backup documents like Purchase Order, completion certificates etc.**
 - Similar work shall mean "Designing, Manufacturing, Supply, Execution, Commissioning and Servicing of Laboratory Furniture Comprising of Lab Work Benches, and accessories"
 - The vendor should have a well established in house manufacturing unit for the Lab Furniture, Quality Management System as per International Standards providing the products and services on the continued basis for the last 5 years. The vendor shall possess the current / valid approval for such equipment manufacturing facility by a Statutory Certifying Authority, like Factory Inspectorate etc. A notarized copy of valid certificate needs to be enclosed.
 - The Bidder should be an Official Member with SEFA for a continued basis from past 3 Year from this notification. (Supporting documents for the same need to be furnished) and bidder should provide have document of third party test facility.
 - If required, the technical committee from IIIM Jammu shall visit the similar works completed by vendors and submitted as mentioned above to assess their capability.
-
- **The Bidder shall visit IIIM, Jammu, and Project site TO UNDERSTAND THE REQUIREMENTS OF THE SITE. The Bidder shall study the scope in detail before submitting bid.**
 - **The Bidder shall provide the complete documentary evidence duly self attested by notary for the following in support of Bidder Pre-Qualification Criteria.**
- For Clause no. 1.0, 1.1, 1.2, 1.3, 1.4
- 1) Purchase Orders
 - 2) Completion Certificates and experience of performance for jobs, issued by the clients.
 - 3) Experience details duly filled in following format.

| S. No | Name of client | Name & location of the project | Brief description of project | Value of the Project | Documents submitted |
|-------|----------------|--------------------------------|------------------------------|----------------------|--------------------------------------------|
| | | | | | (PO copy & completion certificate) – (Y/N) |
| | | | | | |
| | | | | | |

For Clause no. 2.0

1) Audited balance sheets of financial years 2016, 2017 & 2018.

2) Annual Turnover details duly filled in the following format.

| Financial year | 2016-17 | 2017-18 | 2018-19 |
|-----------------|---------|---------|---------|
| Annual Turnover | | | |

- **Note to Bidders: Offers of Bidders failing to submit the prescribed documents in support of the above prequalification criteria shall be rejected.**

Project substantial completion shall be withheld until all required Unit certification letters, tests, and reports have been submitted to and approved by the IIIM

Specifications and allied Technical details

LAB. FURNITURE & ACCESSORIES:-

CRCA (Cold Rolled Close Annealed or G. I. Sheets)

| TENDERED SPECIFICATIONS | |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <p>SUMMARY AND SCOPE</p> <ul style="list-style-type: none"> • Furnish all cabinets and casework, including granite tops, ledges, supporting structures. Include delivery to the building, set in place, level, and scribe to walls and floors as required. • Supply & Installation of all utility service outlet accessory fittings, electrical receptacles, plumbing and electrical switches & fittings identified on drawings as mounted on the laboratory furniture. • Supply & Installation of, all laboratory sinks, cup sinks or drains, drain troughs, overflows and sink outlets with integral tailpieces, which occur above the floor, and where these items are part of the equipment. All tailpieces shall be furnished less the couplings required to connect them to the drain piping system. • Supply & Installation of service strip supports where specified, and setting in place service tunnels, service turrets, supporting structures and reagent racks of the type shown on the drawings. <p>I. GENERAL REQUIREMENTS:</p> <p><u>SEFA Standard:</u></p> <p>The entire Laboratory furniture should be tested as per SEFA-8M standards in SEFA Approved labs with latest 2016 Guidelines published by SEFA., Failing which it lead to disqualification of bid.</p> <p>Note :- CRCA (Cold Rolled Close Annealed or Skin passed/zero spangle G. I. Sheets or both materials can be used.</p> <p><i>Frame construction:- (compulsory)</i></p> <p>Entire structure should be "C" frame fabricated out of heavy gauge hollow pipes size 60 x 30 x 2 mm and 2.0 mm thick steel plates. The structure will be provided with necessary levelling bolts suitable for ± 5 mm level adjustment. Open ends of the pipe will be provided with elegant finish plastic caps. The structure shall be duly treated for the rust prevention and coated with epoxy powder coated.</p> <p><i>Powder Coating:-</i></p> <p>Complete module & frame work are processed with 8 tank pre- treatment and finished with highly corrosion resistant 'Akzonbel/PolyBond' epoxy powder coated for better corrosion resistance.</p> |

The thickness of powder coat shall not be less than 50-60 microns, conforming to relevant BIS code, which accordingly passes the test of Salt Spray for 1000 hours.

II . TECHNICAL REQUIREMENTS:

General Requirements: It is the intent of this specification to provide a high quality steel cabinet specifically designed for the laboratory environment.

Sheet Steel: Cold rolled sheet or G. I steel shall be prime grade 16, 18 and 20 gauge; roller leveled, and shall be treated at the mill to be free of scale, ragged edges, deep scratches or other injurious effects.

Glass: Glass used for framed sliding and swinging doors shall be 1/8" float glass. Glass used for unframed sliding doors, shall be 1/4" float glass.

Steel Gauges:

- Gauges of steel used in construction of cases shall be 18 gauge, except as follows:
- Corner gussets for leveling bolts and apron corner braces, 12 gauge.
- Hinge reinforcements, case and drawer suspension channels, 14 gauge.
- Top and intermediate front horizontal rails, table aprons and reinforcement gussets, 16 gauge.
- Drawer assemblies, door assemblies and adjustable shelves, 20 gauge.

1. 0 Storage Cabinets Castors type : Standards Heavy Duty under Module along with two front lockable castor wheels & two rear non lockable castor wheels (For Easy cleaning Purpose & Aesthetic looks) , comprising of one drawer one shutter, one drawer and two shutter, all drawers and adjustable height shelf. Cabinet shutter should be in double skin construction and should be provided with heavy duty, knuckle and barrel type SS hinges and positive catch arrangement.

1.1 Cabinet Frame: 1.2 mm horizontal and vertical stiffeners and 1.0 mm vertical panel of CRCA (Cold Rolled Close Annealed) Or G.I sheet.

1.2 Cover Panels: End side panel and back panel should be of of 1.2 mm thick CRCA MS sheet. All panels should be removable to repair any service line behind the units in future.

1.3 Shutters: Metal Shutters of CRCA or G.I sheet and 40-50 microns pure epoxy powder coating having a Scratch Hardness of 3Kgs.

1.4 Shelves & Drawers: CRCA or GI shelves with a load carrying capacity of 40-50 Kg. The overall load carrying capacity of cabinet to be 80 Kg of UDL – Uniformly Distributed Load (40-50 kgs. on each shelf and 40-50 kgs. on bottom). The overall load carrying capacity of drawer should be 40 kgs. of UDL for a pair of ball slide.

1.5 Slides & Handles: High precision double extension ball slides. Hinges to be spring loaded with CED (Cathode Electrode Deposition) coating with self closing mechanism. Handles should be PVC Recessed.

1.6 Locks: Each unit should have a locking facility with 180°, 10 lever cam lock mechanism.

1.7 Legs: The units to be supported on wide base Polystyrene legs (Hettich Make or equivalent) high impact proof material of base diameter 40-50 mm. Load bearing capacity of each leg should be at least 425- 450kg/ leg. The legs should be height -adjustable with a range of +/- 50 mm.

2. Reagent Shelves: should of be of complete modular design consisting of horizontal 2 stage storage shelves. The end vertical support should be 1.2 mm & horizontal shelves of 1.0 mm thick CRCA M.S./ G.I Sheet. Each shelf should have a load carrying capacity of 30-40 kgs. of UDL for the length of 1000 mm.

The complete M.S. material of cabinet to be pretreated (degreased, Zinc phosphated) and epoxy powder coated for better corrosion resistance. The thickness of powder coat to be 45-50 microns, which passes the test of Salt Spray for 1000 hours and having the Scratch Hardness of 3Kgs.

3. Polypropylene Drop in Sinks of size 558X455X300mm (approx.) made of high density 5mm polypropylene elasticity 5 micron/ thickness, should have PH resistance with organic desolvent.

4. 3 way faucets: Sink unit shall have 3 way (2 straight+1 swan neck) 360° turn type water faucets made up of Brass with epoxy powder coating. It should be PH and rust resistant. the switch valve cast to be made of ceramic that can avoid acid wear. The outlet produced in PVC, has detachable hose nozzles, allay pressure, changeable high-pressure outlet constructed or normal clean outlet control of water flow faucet immediately.

5. SS Pegboard of overall size of 550x420mm (approx.). Adjustable PP pegs of 10mm dia. It should have a welded square tube of 20x40x1mm (approx.). Tube should be of PVC material.

6. Electrical Accessories and fittings should consist of electrical trunking of 1.0 mm thick CRCA MS sheet. It should have a high temperature withstanding capacity with excellent electrical insulation properties. The rear portion of above accessories which is in contact with live metal shall be made from thermo set material which should not melt on heating. Each electrical module consists of (North-West make or equivalent):

- 1) 2 No. 16 Amp 5 Pin socket
- 2) 2 No. 16 Amp Switch with LED

7. Work surface should be 18-19mm (± 1 mm) thick high quality granite in jet black color with pre moulded, pre polished edges. The backing material for granite should be 6 mm thick Neoprene mat.

8. Service Indexes:

Fittings shall be identified with service indexes in the following color coding:

| | |
|-----------------|-------------|
| Cold Water out- | Dark Green |
| Helium- | Dark Blue |
| Raw water- | Orange |
| Cold Water in- | Light Green |
| Nitrogen- | Brown |
| Vacuum- | Green |
| Hydrogen- | Pink |
| Nitrogen- | Light Blue |

Applicable Standards:

SEFA 3 : Scientific Equipments & Furniture Association

SEFA 8M : Scientific Equipments & Furniture Association

Quality assurance and workmanship :

- ❖ Only approved brands of items shall be accepted. Samples shall be got approved before taking up full supply/installation.
- ❖ If required Tests on representative samples and/or components thereof shall be got conducted from reputed Laboratory as decided by the In-charge.
- ❖ Samples shall be taken/made as per the direction of the In-Charge in presence of the authorized representative of the contractors. Samples shall be signed and sealed by both the parties. Manufacture’s Test certificate for the product being offered is to be provided to the department.
- ❖ The specifications are intended for the general description of the work quality and workmanship. The specifications are however not intended to cover the minute details and work shall be execute according to the specification given herein or in its absence the relevant **BIS/SEFA** specification/standards or the best practice recommended by relevant Indian Manufacturers or best trade practices.
- ❖ All material shall confirm to the approved makes of materials specified. The procurement of various materials shall be either from the manufacturers or their authorized dealers so that there is no duplicate/spurious makes are used. Notwithstanding all above, contractor shall be held responsible for the execution of works and use of proper best available quality of materials as per the tender specifications. For the items/materials not appearing in the list, the decision of Engineer-in-charge shall be final and binding.
- ❖ The contractor shall arrange stage wise inspection of the furniture at factory of the works by In–Charge or his authorized representative if asked for. Contractor will have no claim if the furniture brought at site is rejected by In-Charge in part or full lot due to bad workmanship /quality. Such furniture will not be paid for and the contractor shall remove the same from the site of work within 7 days after the written instructions in this regard are issued by In-Charge or his authorized representative.
- ❖ The contractor shall produce all materials in advance so that there is sufficient time for testing and approving of the material and clearance of the same for use in work. The contractor shall produce test certificates of all the material in respect of their conformation to the relevant Indian standards/quotation specifications. All tests required for the materials as desired by the In-Charge shall be at the contractors cost.
- ❖ Testing may also be carried out at the discretion of the In-Charge, from the lot of finished product brought at site by the contractor. In case such tests have been carried out by the principal manufacturer at its testing facility, the same will may be provided by the contractor for consideration.

List of approved makes of materials:-

- ❖ Paint : Asian Paints/Berger/Oikos/Nerolac/Berger/
- ❖ Float Glass : Modi Guard/Glaver Bel/Saint Gobain
- ❖ Expansion Bolts : Hilti/Fischer/Hettich
- ❖ Glazing Sealant : Dow Corning/GE Sealant
- ❖ SS/Chrome Coated Hardware : Dorma/Hafele/Hettich
- ❖ Aluminum Alloy Extruded Section: Hindalco/Indalco/ Jindal
- ❖ Hinges : Hettich/Haffle/Grass
- ❖ Locks : Dorset/Locksmith/Godrej/ Hettich/

| | |
|--|--|
| | |
| | |

CLASS II BIOLOGICAL SAFETY CABINET

- External size: Width 4 to 4.5 Feet, Depth 2.4 to 3.5 feet Height 4.5 to 5 feet
- Internal size: Width 4 to 4.5 Feet, Depth 1.8 to 2.0 feet, Height 2.0 to 2.3 feet
- With an usable work area of 6.0 feet sq to 7 feet sq
- Should include support stand for mounting of the cabinet with wheels
- The main body should be composed of galvanized steel. The side wall should be composed of stainless steel / rust free with antimicrobial coating.
- The work area should be composed of stainless steel.
- Should include Germicidal UV Lamp
- The UV light timer and life indicator should be included.
- Airflow: Nominal in flow velocity of 90 to 105 ft/ minute
- The system Should include ULPA filter, with efficiency of > 99.999% at 0.1 to 0.3 micron
- Remaining Filter Life Display should be there
- Front window should be a fully closing clear tempered safety glass sash (UV safe)
- Frameless, shatterproof sash with automatic UV shut-off on sash opening
- Slot for LPG supply should be provided within the chamber. Burner for LPG gas should be included
- One electrical socket should be within the work area
- With Microprocessor for supervision of all cabinet functions
- With an inbuilt display for various operations
- The system should be quiet during operation with noise level being less than 63 dBA.
- Electrical: 230 V 50/60 Hz
- With minimum three years of warranty

A point to point compliance with the above-mentioned specifications should be provided by the vendor.

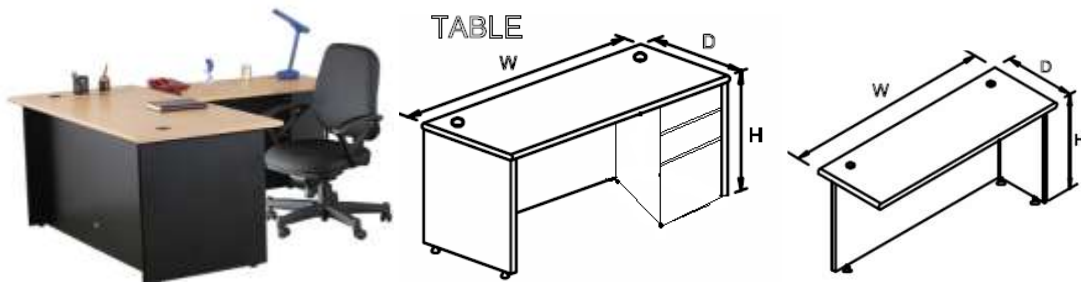
List of vendors

- Esco Biotech Pvt. Ltd.
- Technopharma System
- Bio safe Lab. India
- Labconco
- Thermo Fisher Scientific India Pvt. Ltd.
- Advance Bio tech solution

OFFICE FURNITURE

| | |
|--|-------------------------------------------------|
| | TENDERED SPECIFICATIONS |
| | <u>Table 5 ft with ERU and pestastal</u> |

Table size shall be 1500 Width mm x 750 Depth mm x 740 Height mm (approx) .Table top shall be 25 mm thick plain particle board (PPB) Clad with 0.6 mm thick post formed laminate and 1 mm thick backing laminate (bdl) .Flat edge Duly sealed with 2 mm thick PVC beading. The modesty shall be 18 mm thick plain particle board with 1.0 mm thick decorative laminate (DL) on both sides. Edge Sealed with 2 mm thick PVC beading. ERU size shall be 1050 Width x 450 Depth x 705 Height (approx). The top of Finesse shall be 25 mm thick plain particle board (PPB) Clad with 0.6 mm thick post formed laminate and 1 mm thick Backing Laminate (BDL). Flat Edge duly sealed with 2 mm thick PVC beading. The Modesty shall be 18 mm thick plain particle board (PPB) Clad with 1.0 mm thick Decorative Laminate (DL) on both sides. Edge sealed with 2 mm thick PVC Beading. Shall be supplied with 3 drawer pedestal of size 646H x 390W x 440D (approx)



Mid Back Ergonomic Chairs on castors with arms

1) SEAT/BACK ASSEMBLY: The seat is made up of hot pressed moulded reconstituted wood of 12mm average thickness and back is two part injection moulded plastic.

SEAT SUB ASSEMBLY SIZE: 49.0cm (W) X 49.5cm (D)

BACK SUB

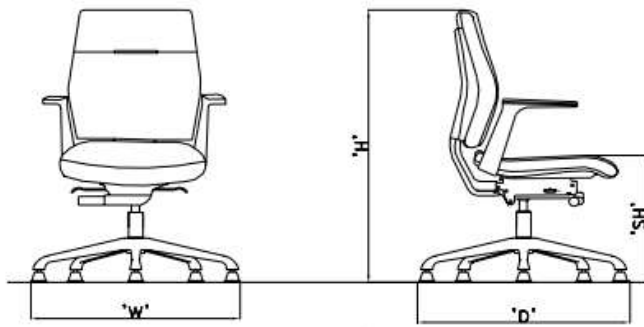
ASSEMBLY SIZE: (MID BACK): 45.0 cm (W) X 49.0 cm (H)

2) POLYURETHANE2 FOAM: The Polyurethane foam is moulded in Density 45 kg/m3,

3) ARMRESTS : The armrests are Pressure die casted in polished Aluminium with PP Arm Tops.

3) AUTO-RETURN MECHANISM: The Conference and Board room chair has an Auto-return mechanism to allow the user free movement while being sitted and after use guides the upper structure to rotate back to its original position enabling all chairs around the table to be aligned.

4) ADJUSTABLE BACK SUPPORT : Backrest is connected to the mechanism with a drop-lift mechanism which can be adjusted in the range of 7.0 cm for the comfortable back support to suitable individual need.



Officers Visitor Chair

1) SEAT/BACK ASSEMBLY: The seat and back are made up of 1.2 cm. thick hot-pressed plywood, upholstered with fabric upholstery covers and moulded Polyurethane foam. The back foam is designed with contoured lumbar support for extra comfort.

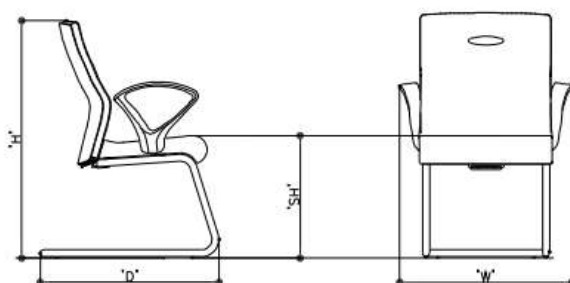
BACK SIZE : 47.5 cm. (W) x 58.0cm. (H)

SEAT SIZE: 47.0 cm. (W) x 48.0 cm. (D)

2) POLYURETHANE FOAM: The Polyurethane foam is moulded with density = 45 +/- 2 kg/m³ and Hardness = 20 +/- 2 at 25% compression.

3) ARMRESTS: The one-piece armrests are injection moulded from black Co-polymer Polypropylene.

4) TUBULAR FRAME (FOR 9U12RX): The powder coated tubular frame is cantilever type & made of dia 25.4mm x 2mm thk SS Tube.



WIDTH (W): 61.0 CM.
 DEPTH (D): 64.5 CM.
 HEIGHT (H): 89.5 CM.
 SEAT HEIGHT (SH): 46.5 CM.
 UNSPECIFIED TOL = ±1.0 CM.

High Rise Revolving stool (Black seat cover) with cushion in seat & lumbar support at back, SS metal stand with ring type foot rest & castors & Gas Lift



Sliding Door Unit

Storage file cases with as per drawing ref: with product Size shall be: 1200 mm (W) x 450 mm (D) x 1200 mm (H) These components are made of CRCA 'D'grade high yield strength as per IS: 513. The trowel Minor should have a three way locking mechanism with Shooting Bolts. It should have a height wise adjustable shelf mounting (3 nos.) which shall have a Uniformly Distributed Load capacity of max 40 Kg. It should also have a M10 Screw type Leveller with Hex plastic base. The finishing shall include Epoxy powder coated to the thickness of 50 microns (+/- 10). CRCA (Cold Rolled Close Annealed) or G. I. Sheets or both materials can be used. **PI refer dwg as per attached.**



Wall cabinet (W 750 x D 450 x H 750)

Wall Mounted Overhead File Cabinets (Float Glass Door) CRCA (Cold Rolled Close Annealed) or G. I. Sheets Two Shutter with one adjustable shelf Size: - 750Lmm x 370mm W x 750 mmH (approx.) **PI refer dwg as per attached.**



APPROVED MAKE OF MATERIALS FOR FUMEHOODS AND LABORATORY FURNITURE SYSTEM

| | | |
|----|--------------------------------|---------------------------------------------|
| 1 | LABORATORY FITTINGS | WATER SAVER / BROEN / FAG/ FAR |
| 2 | LABORATORY SINKS / DRIP CUPS | WATER SAVER / BROEN/ALLOYPLAS/MALAYSIA |
| 3 | LABORATORY ELECTRICAL SOCKET | NORTHWEST / LEGRAND / MK / NORISYS |
| 4 | DATA & VOICE SOCKET | NORTHWEST / LEGRAND / MK/ NORISYS |
| 5 | EYEWASH / SHOWER | WATER SAVER / BROEN / FAG/ TOF/FAR |
| 6 | SPOT EXTRACTOR | FUMEX / ALSIDENT / NEDERMANN |
| 7 | FLAMMABLE STORAGE TALL CABINET | JUSTRITE / EAGLE/ SECURALL |
| 8 | OFFICE FURNITURE | GODREJ / WIPRO / SPACE DESIGN / FORM DESIGN |
| 9 | FUME HOOD SERVICE FIXTURES | WATER SAVER/BROEN/FAG/FAR |
| 10 | FUME HOOD ELECTRICAL SOCKET | NORTHWEST/LEGRAND/MK /NORISYS |
| 11 | FACE VELOCITY & VAV CONTROLS | TEL /SAUTER / SIEMENS |

APPROVED MAKE OF MATERIALS FOR ELECTRICAL SYSTEM

| S.NO | DESCRIPTION | APPROVED MAKE |
|-------------|--------------------|----------------------|
| 1 | MCCB | GE / ABB / SCHNIDER |

| | | |
|-----|--------------------------------------------|----------------------------------------------------------------|
| 2 | LT CABLE as per IS:7098(2)1988 | HAVELLS NICCO / POLYCAB / RPG / UNIVERSAL (Unistar) / PRIMECAB |
| 3 | END TERMINATION MATERIALS | DOWELS / SMI / HMI |
| 4 | INDICATING METERS | SIMCO / MECO / AE / RISHAB |
| 5 | INDICATING LAMPS | GE / SIEMENS / SCHNEIDER / L&T |
| 6 | POWER CONTACTORS | GE / SIEMENS / ABB / SCHNEIDER / L&T |
| 7. | MCB / MCB DB | Havell's /Legrand/ GENERAL ELECTRIC (GE) |
| 8. | ELCB / ELMCB | Havell's /Legrand/ GENERAL ELECTRIC (GE) |
| 9 | PVC CONDUITS - FRLS | VIP / AVON / UNIVERSAL / PRECISION / NELCO |
| 10. | PVC WIRES - FRLS | FINOLEX / ANCHOR |
| 11. | INDUSTRIAL SOCKETS | MGE / NEPTUNE / BCH |
| 12. | LT PANELS | ANY LOCAL PANEL FABRICATOR |
| 13. | PANEL ACCESSORIES | DIRAK / ELMAX |
| 14. | TERMINAL BLOCK | PHOENIX CONTACT / ELMAX |
| 15. | HEAVY DUTY PVC PIPE / HDPE PIPE 6KG & 4 KG | SUPREME / FINOLEX |
| 16. | EARTHING - G I | ANY LOCAL SUPPLIER. |
| 17. | EARTHING - COPPER | ANY LOCAL SUPPLIER. |
| 18. | FIRE ALARM PANEL | MORLEY / HONEYWELL/NOTIFIER |
| 19. | SMOKE DETECTOS | SYSTEM SENSOR /APPOLO |
| 20 | FIRE EXTINGUISHERS | SAFEX/ NITIN |
| 21 | LT CABLES | RR KABEL / POWER FLEX |

Note:-

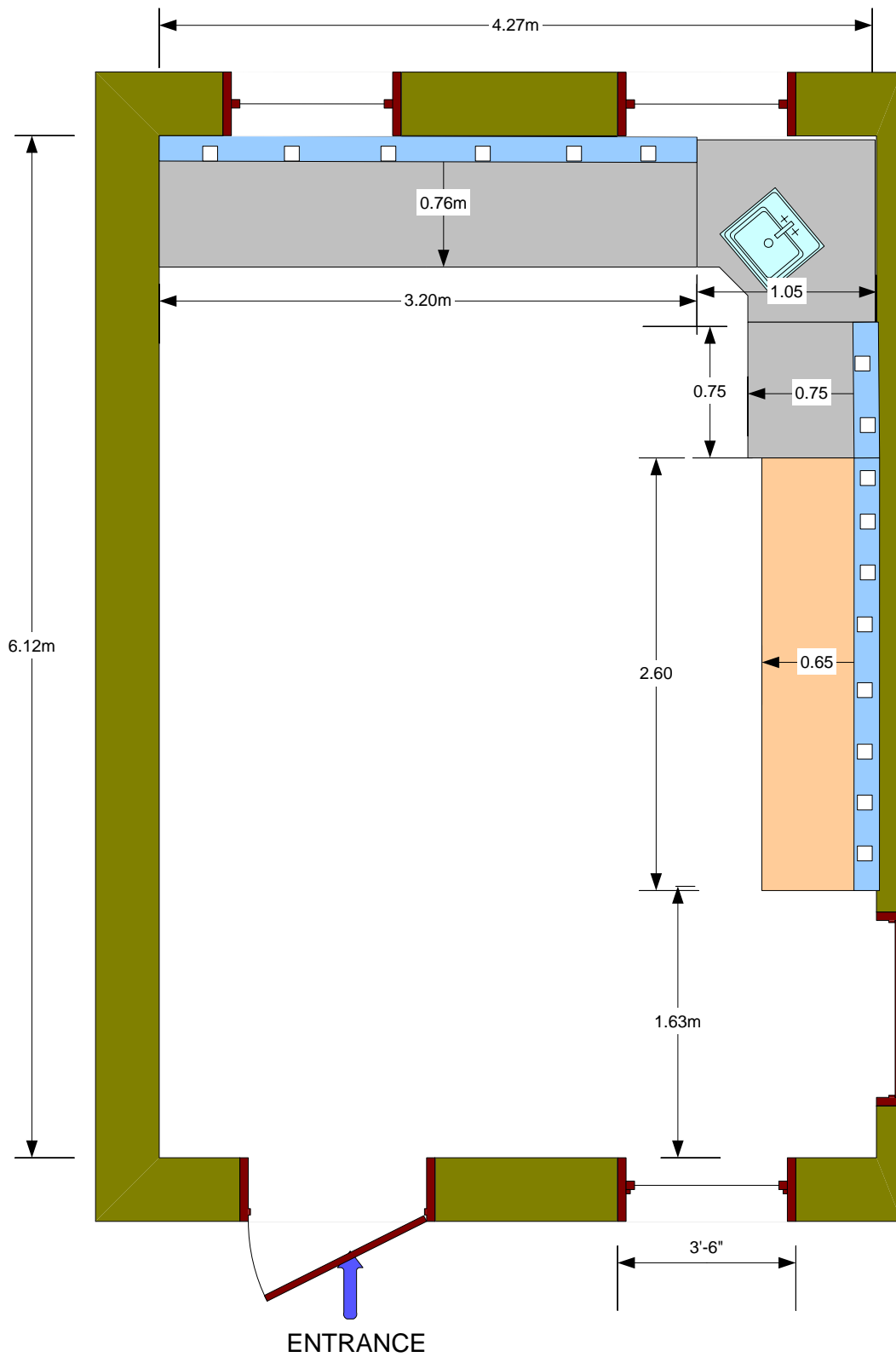
Materials/ accessories shall be used approved make or APPENDIX II (Technical Specification).

Note:-

- **The sample, catalogue color, texture etc. of all above furniture shall be finalized before approved by IIM Technical Purchases Committee.**

The All finished product shall be delivered to the IIM, Jammu, duly covered with bubble sheet to avoid any breakage etc. However in case of any minor repair arising out of transportation etc. the same shall be repaired/ replaced immediately by the supplier without any extra cost.

PROPOSED LAYOUT PLAN OF ROOM NO. 258 OF FORMULATION LAB. AT IIIM,
JAMMU



Requirement for Microbial Biotechnology Division, Room No. 255.

BIDDER PREQUALIFICATION CRITERIA

Bidder shall meet all the pre qualification criteria as given below for qualifying to this tender. In the event of only one Bidder qualifying technically, the Technical Committee shall have the right to accept or reject the concerned bidder.

The bidder shall furnish a covering page indicating item wise compliance to all the Prequalification criteria. Bidder Prequalification Criteria are as given below:

- The Bidder shall have experience in Designing, Procurement, Supply, Execution & Commissioning of Laboratory Furniture and internal infrastructure on a turnkey basis **the following during the last 5 years ending the last day of the month**, as stated below:-
 - **Fume Hood system**
 - **Lab furniture and accessories**
 - **Exhaust System**
- The Bidder have carried out preferably three similar works, each of value not less than 40%, Two similar works, each of value not less than 60%, One similar works, each of value not less than 80% of the estimated cost, in the 7 years ending on the last day of the month previous to the one in which the tender are invited. At least one **contract** should be in Govt. Universities/any of Central PSU's / Autonomous Bodies. The project executed as such by the Bidder should be in operation currently. **The Bidder should produce the backup documents like Purchase Order, completion certificates etc.**
- Similar work shall mean "Designing, Manufacturing, Supply, Execution, Commissioning and Servicing of Laboratory Furniture Comprising of Lab Work Benches, Fume Hoods, Exhaust System, Gas and other Utility Distribution System"
- The bidder must have an experience of supply and installation of lab furniture and fume hoods. At least one contract must be submitted for the same in addition to the above. The project executed as such by the Bidder should be in operation currently.
- The vendor should have a well established Make in India(in house) manufacturing unit for the Lab Furniture & Fume Hood, Quality Management System as per International Standards providing the products and services on the continued basis for the last 6 years. The vendor shall possess the current / valid approval for such equipment manufacturing facility by a Statutory Certifying Authority, like Factory Inspectorate etc. A notarized copy of valid certificate needs to be enclosed.
- The Bidder should be an Official Member with SEFA for a continued basis from past 3 Year from this notification. (Supporting documents for the same need to be furnished)
 - If required, the technical committee from IIIM Jammu shall visit the similar works completed by vendors and submitted as mentioned above to assess their capability. Bidder will be liable to arrange the visit of IIIM Jammu team
 - Preference shall be given to Technical and Commercial both the aspects while awarding the contract.

- The Bidder shall visit IIM, Jammu, and Project site TO UNDERSTAND THE REQUIREMENTS OF THE SITE. The Bidder shall study the scope in detail before submitting bid.
- The Bidder shall provide the complete documentary evidence duly self attested by notary for the following in support of Bidder Pre-Qualification Criteria.

For Clause no. 1.0, 1.1, 1.2, 1.3, 1.4

- 1) Purchase Orders
- 2) Completion Certificates and experience of performance for jobs, issued by the clients.
- 3) Experience details duly filled in following format.

| S. No | Name of client | Name & location of the project | Brief description of project | Value of the Project | Documents submitted |
|-------|----------------|--------------------------------|------------------------------|----------------------|--------------------------------------------|
| | | | | | (PO copy & completion certificate) – (Y/N) |
| | | | | | |
| | | | | | |

For Clause no. 2.0

- 1) Audited balance sheets of financial years 2014, 2015 & 2016.
- 2) Annual Turnover details duly filled in the following format.

| Financial year | 2015-16 | 2016-17 | 2017-18 |
|-----------------|---------|---------|---------|
| Annual Turnover | | | |

Note to Bidders: Offers of Bidders failing to submit the prescribed documents in support of the above prequalification criteria shall be rejected.

Specifications and allied Technical details

LAB. FURNITURE & ACCESSORIES:-

| | TENDERED SPECIFICATIONS |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <p>SUMMARY AND SCOPE</p> <ul style="list-style-type: none">• Furnish all cabinets and casework, including granite tops, ledges, supporting structures. Include delivery to the building, set in place, level, and scribe to walls and floors as required.<ul style="list-style-type: none">• Supply & Installation of all utility service outlet accessory fittings, electrical receptacles, plumbing and electrical switches & fittings identified on drawings as mounted on the laboratory furniture.• Supply & Installation of, all laboratory sinks, cup sinks or drains, drain troughs, overflows and sink outlets with integral tailpieces, which occur above the floor, and where these items are part of the equipment. All tailpieces shall be furnished less the couplings required to connect them to the drain piping system.• Supply & Installation of service strip supports where specified, and setting in place service tunnels, service turrets, supporting structures and reagent racks of the type shown on the drawings. <p>I . GENERAL REQUIREMENTS:</p> <p><i>SEFA Standard:</i></p> <p>Vendor should have valid third party SEFA certificate for the module/Furniture which type of module they are quoting here by in the tender, Failing which it lead to disqualification of bid.</p> <p>Length : 450mm / 600mm / 750mm / 900mm L (As per layout)</p> <p>Depth : 570mm D</p> <p>Height : 675 mm H Standing Height- 'A' Series</p> <p>Height : 525 mm H Sitting Height- 'B' Series</p> <p>Note: - CRCA (Cold Rolled Close Annealed) or G. I. Sheets or both materials can be used.</p> <p><i>Frame construction:- (compulsory)</i></p> <p>Entire structure should be "C" frame type. 60 X 30 X 2 mm pipe is used for main frame structure.</p> |

30 X 30 X 1.5 mm pipe should be used for bottom support. CO₂ welded & finished with highly chemical resistant epoxy powder coating.

Powder Coating:-

Complete module & frame work are processed with 8 tank pre- treatment and finished with highly corrosion resistant 'Akzonbel/PolyBond' **epoxy powder coating With 70 - 80 microns thickness and 1000 hours salt spray test passed**

II . TECHNICAL REQUIREMENTS:

General Requirements: It is the intent of this specification to provide a high quality steel cabinet specifically designed for the laboratory environment.

Sheet Steel: Cold rolled sheet steel shall be prime grade 16, 18 and 20 gauge; roller leveled, and shall be treated at the mill to be free of scale, ragged edges, deep scratches or other injurious effects.

Glass: Glass used for framed sliding and swinging doors shall be 1/8" float glass. Glass used for unframed sliding doors, shall be 1/4" float glass.

Steel Gauges:

- Gauges of steel used in construction of cases shall be 18 gauge, except as follows:
- Corner gussets for leveling bolts and apron corner braces, 12 gauge.
- Hinge reinforcements, case and drawer suspension channels, 14 gauge.
- Top and intermediate front horizontal rails, table aprons and reinforcement gussets, 16 gauge.
- Drawer assemblies, door assemblies and adjustable shelves, 20 gauge.

1. 0 Storage Cabinets should be of modular design consisting of combination of vertical and horizontal frames of varying width standing on height adjustable legs, each having a load carrying capacity of 425-450 Kg, cover panels, metal drawers, support brackets, shelves, slides and handles.

1.1 Cabinet Frame: 1.2 mm horizontal and vertical stiffeners and 0.8 mm vertical panel of CRCA (Cold Rolled Close Annealed) MS sheet or G.I sheet.

1.2 Cover Panels: End side panel and back panel should be of 0.8 mm thick CRCA MS sheet or G.I sheet. All panels should be removable to repair any service line behind the units in future.

1.3 Shutters: Metal Shutters of CRCA MS sheet or G.I sheet and 40-50 microns pure epoxy powder coating having a Scratch Hardness of 3Kgs.

1.4 Shelves & Drawers: CRCA or G.I sheet shelves with a load carrying capacity of 40-50 Kg. The overall load carrying capacity of cabinet to be 80 Kg of UDL – Uniformly Distributed Load (40-50 kgs. on each shelf and 40-50 kgs. on bottom). The overall load carrying capacity of drawer should be 40 kgs. of UDL for a pair of ball slide.

1.5 Slides & Handles: High precision double extension ball slides. Hinges to be spring loaded with CED (Cathode Electrode Deposition) coating with self closing mechanism. Handles should be PVC Recessed.

1.6 Locks: Each unit should have a locking facility with 180°, 10 lever cam lock mechanism.

1.7 Legs: The units to be supported on wide base Polystyrene legs (Hettich Make or equivalent) high impact proof material of base diameter 40-50 mm. Load bearing capacity of each leg should be at least 425- 450kg/ leg. The legs should be height -adjustable with a range of +/- 50 mm.

2. Reagent Shelves: should of be of complete modular design consisting of horizontal 2 stage storage shelves. The end vertical support should be 0.9mm & horizontal shelves of 0.8mm thick CRCA M.S. Sheet or G.I sheet. Each shelf should have a load carrying capacity of 30-40 kgs. of UDL for the length of 1000 mm. The complete M.S. material of cabinet to be pretreated (degreased, Zinc phosphated) and epoxy powder coated for better corrosion resistance. The thickness of powder coat to be 45-50 microns, which passes the test of Salt Spray for 1000 hours and having the Scratch Hardness of 3Kgs.

3. Polypropylene Drop in Sinks of size 558X455X300mm (approx.) made of high density 5mm polypropylene elasticity 5 micron/ thickness, should have PH resistance with organic desolvent.

4. 3 way faucets: Sink unit shall have 3 way (2 straight+1 swan neck) 360° turn type water faucets made up of Brass with epoxy powder coating. It should be PH and rust resistant. the switch valve cast to be made of ceramic that can avoid acid wear. The outlet produced in PVC, has detachable hose nozzles, allay pressure, changeable high-pressure outlet constructed or normal clean outlet control of water flow faucet immediately.

5. SS Pegboard of overall size of 550x420mm (approx.). Adjustable PP pegs of 10mm dia. It should have a welded square tube of 20x40x1mm (approx.). Tube should be of PVC material.

6. Electrical Accessories and fittings should consist of electrical trunking of 0.8mm thick CRCA MS sheet or G.I sheet. It should have a high temperature withstanding capacity with excellent electrical insulation properties. The rear portion of above accessories which is in contact with live metal shall be made from thermo set material which should not melt on heating. Each electrical module consists of (North-West make or equivalent):

1) 2 No. 16 Amp 5 Pin socket

2) 2 No. 16 Amp Switch with LED

7. Work surface should be 18-19mm (± 1 mm) thick high quality granite in jet black color with pre moulded, pre polished edges. The backing material for granite should be 6 mm thick Neoprene mat.

8. Service Indexes:

Fittings shall be identified with service indexes in the following color coding:

| | |
|-----------------|-------------|
| Cold Water out- | Dark Green |
| Helium- | Dark Blue |
| Raw water- | Orange |
| Cold Water in- | Light Green |
| Nitrogen- | Brown |
| Vacuum- | Green |
| Hydrogen- | Pink |
| Nitrogen- | Light Blue |

Applicable Standards:

SEFA 3 : Scientific Equipments & Furniture Association

SEFA 8 : Scientific Equipments & Furniture Association

Also Approved:

HARDWARE FITTINGS:

- A) Hinges :-** 'Ebco' Make Nickle Plated Concealed Clip-on full overlay type.
- B) Handle :-** S.S. 304 matt finish
- C) Screw :-** All S.S. 304 Visible Screws.
- D) Lock :-** 'Ebco' Lock with plastic ring and a pair of keys.
- E) Utility Taps:-** Epoxy powder coated brass taps with DIN 12920 colour coding.
- G) Peg Board:-** Acrylic support Peg Board 750mm x 750mm with 30 PP pegs with SS collection tray.

Also approved:-

Reagent Rack:-

Three tier:

Island Table: Three tier adjustable reagent shelf. Top & Bottom rack 300 mm Clear space and outer 380 mm

Side Table: Three tier adjustable reagent shelf. Top & Bottom rack: 150mm clear space outer 190 mm

Overall height: 1200 mm

Two tier:

Island Table: Two tier adjustable reagent shelf. Top & Bottom rack 300 mm Clear space and outer 380 mm

Side Table: Two tier adjustable reagent shelf. Top & Bottom rack: 150mm clear space outer 190 mm

Overall height: 750 mm

Also approved:-

Electrical Trunking:-

Island Table: Triangular Electrical Trunking of 200mmD x 120mmH

Wall Table: Triangular Electrical Trunking of 120mmD x 120mmH.

Switch & Sockets:-

North-West / Norisys make : Electrical Socket with Piano switch 5/15amp without wiring (Default specs)

LAN (Data) Points:-

North-West / Norisys make : RJ-45 type Data point fixed in electrical trunking

Made of (17 to 19mm) thick **Jet Black Granite** Top with Chamfer moulding at the front & groove at the bottom to avoid chemical spillage on the modules.

CLASS II BIOLOGICAL SAFETY CABINET

- External size: Width 4 to 4.5 Feet, Depth 2.4 to 3.5 feet Height 4.5 to 5 feet

- Internal size: Width 4 to 4.5 Feet, Depth 1.8 to 2.0 feet, Height 2.0 to 2.3 feet
- With an usable work area of 6.0 feet sq to 7 feet sq
- Should include support stand for mounting of the cabinet with wheels
- The main body should be composed of galvanized steel. The side wall should be composed of stainless steel / rust free with antimicrobial coating.
- The work area should be composed of stainless steel.
- Should include Germicidal UV Lamp
- The UV light timer and life indicator should be included.
- Airflow: Nominal in flow velocity of 90 to 105 ft/ minute
- The system Should include ULPA filter, with efficiency of > 99.999% at 0.1 to 0.3 micron
- Remaining Filter Life Display should be there
- Front window should be a fully closing clear tempered safety glass sash (UV safe)
- Frameless, shatterproof sash with automatic UV shut-off on sash opening
- Slot for LPG supply should be provided within the chamber. Burner for LPG gas should be included
- One electrical socket should be within the work area
- With Microprocessor for supervision of all cabinet functions
- With an inbuilt display for various operations
- The system should be quiet during operation with noise level being less than 63 dBA.
- Electrical: 230 V 50/60 Hz
- With minimum three years of warranty

A point to point compliance with the above-mentioned specifications should be provided by the vendor.

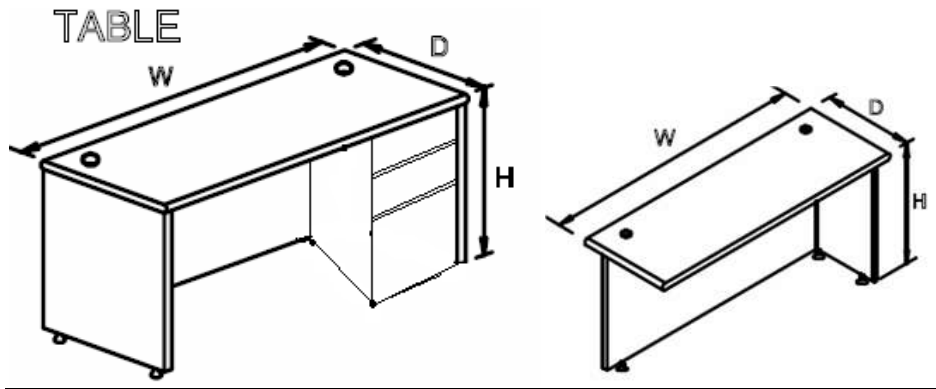
OFFICE FURNITURE

Table

Supplying the table with Top (1500 X 750 mm) shall be 25mm thick plain particle board clad with 0.6mm thick post formed laminate and 1mm thick backing laminate and flat edge duly sealed with 2mm thick PVC beading. Modesty shall be 18mm thick plain particle board clad with 1mm thick decorative laminate on both sides and edge sealed with 2mm thick PVC beading.

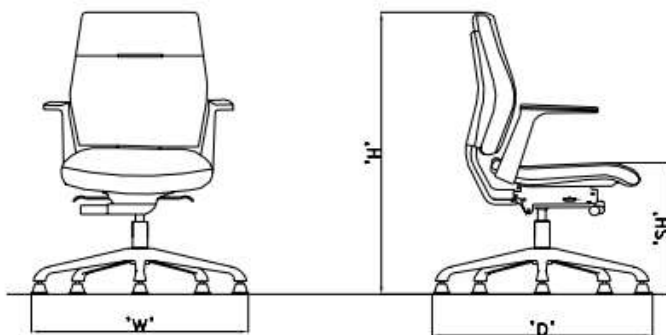
Dawer Unit:- Supplying drawer unit having three drawers of overall size 390mm (width) x 585mm (depth) x 656mm (height) consisting of two utility drawers and one filling box drawer. Drawer unit should be welded assembled, 1.2mm thick top and bottom stiffeners and side stiffeners. Drawers should be provided with double extension precision ball side with 10 lever Cam Lock and centre locking arrangement, finished with epoxy polyester powder coated of thickness of 50 microns. CRCA (Cold Rolled Close Annealed) or G. I. Sheets or both materials can be used

Side Unit: - Supplying the side unit as per drawing ref: with Top (900X520mm) & side panel shall be 25mm thick plain particle board clad with 0.6mm thick post formed laminate and 1mm thick backing laminate and flat edge duly sealed with 2mm thick PVC beading. Modesty shall be 18mm thick plain particle board clad with 1mm thick decorative laminate on both sides and edge sealed with 2mm thick PVC beading. W=90cm H=70.5cm, D=52cm. (approx.)



Mid Back Chairs on castors with arms

- 1) SEAT/BACK ASSEMBLY: The seat is made up of hot pressed moulded reconstituted wood of 12mm average thickness and back is two part injection moulded plastic.
- 2) POLYURETHANE FOAM: The Polyurethane foam is moulded in Density 45 kg/m³, Hardness 20.
- 3) ARMRESTS: The armrests are Pressure die casted in polished Aluminium with PP Arm Tops.
- 4) SYNCHRO MECHANISM: The synchronized mechanism is designed with the following features: 360° revolving type. Backrest tilt: Seat tilt ratio of 1:3. Side tilt tension adjustment knob can be operated while taking back support for better judgment of comfort.
- 5) AUTO-RETURN MECHANISM: The Conference and Board room chair has an Auto-return mechanism to allow the user free movement while being seated and after use guides the upper structure to rotate back to its original position enabling all chairs around the table to be aligned.
- 6) ADJUSTABLE BACK SUPPORT: Backrest is connected to the mechanism with a drop-lift mechanism which can be adjusted for the comfortable back support to suitable individual need.
- 7) ALUMINUM PEDESTAL: The pedestal is Pressure Die cast polished Aluminium.
- 8) GLIDES: The glides are injection moulded in Black PP and assembled to Aluminum pedestal.



Visitor Chairs without castors with arms

- 1) SEAT/BACK ASSEMBLY: The seat and back are made up of 1.2 cm. thick hot-pressed plywood, upholstered with fabric upholstery covers and moulded Polyurethane foam. The back foam is designed

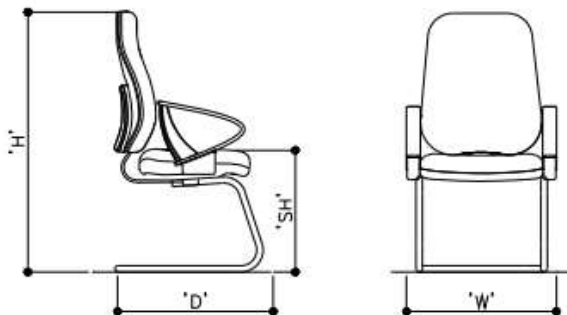
with contoured lumbar support for extra comfort. The seat has extra thick foam on front edge to give comfort to popliteal area.

2) POLYURETHANE FOAM: The Polyurethane foam is moulded with density = 45 +/-2 kg/m³

and Hardness = 20 +/- 2 at 25% compression.

3) ARMRESTS: The one-piece armrests are injection moulded from black Co-polymer Polypropylene.

4) TUBULAR FRAME): The powder coated tubular frame is cantilever type & made of dia 25.4mm x 2mm thk M.S. ER.W. Tube.



High Rise Revolving stool

High Rise Revolving stool (Black seat cover) with cushion in seat & lumbar support at back, SS metal stand with ring type foot rest & castors & Gas Lift

Wall cabinet (W 750 x D 450 x H 750)

Wall Mounted Overhead File Cabinets (Float Glass Door) CRCA (Cold Rolled Close Annealed) or G. I. Sheets Two Shutter with one adjustable shelf Size: - 750Lmm x 370mm W x 750 mmH (approx.) **PI refer dwg as per attached.**

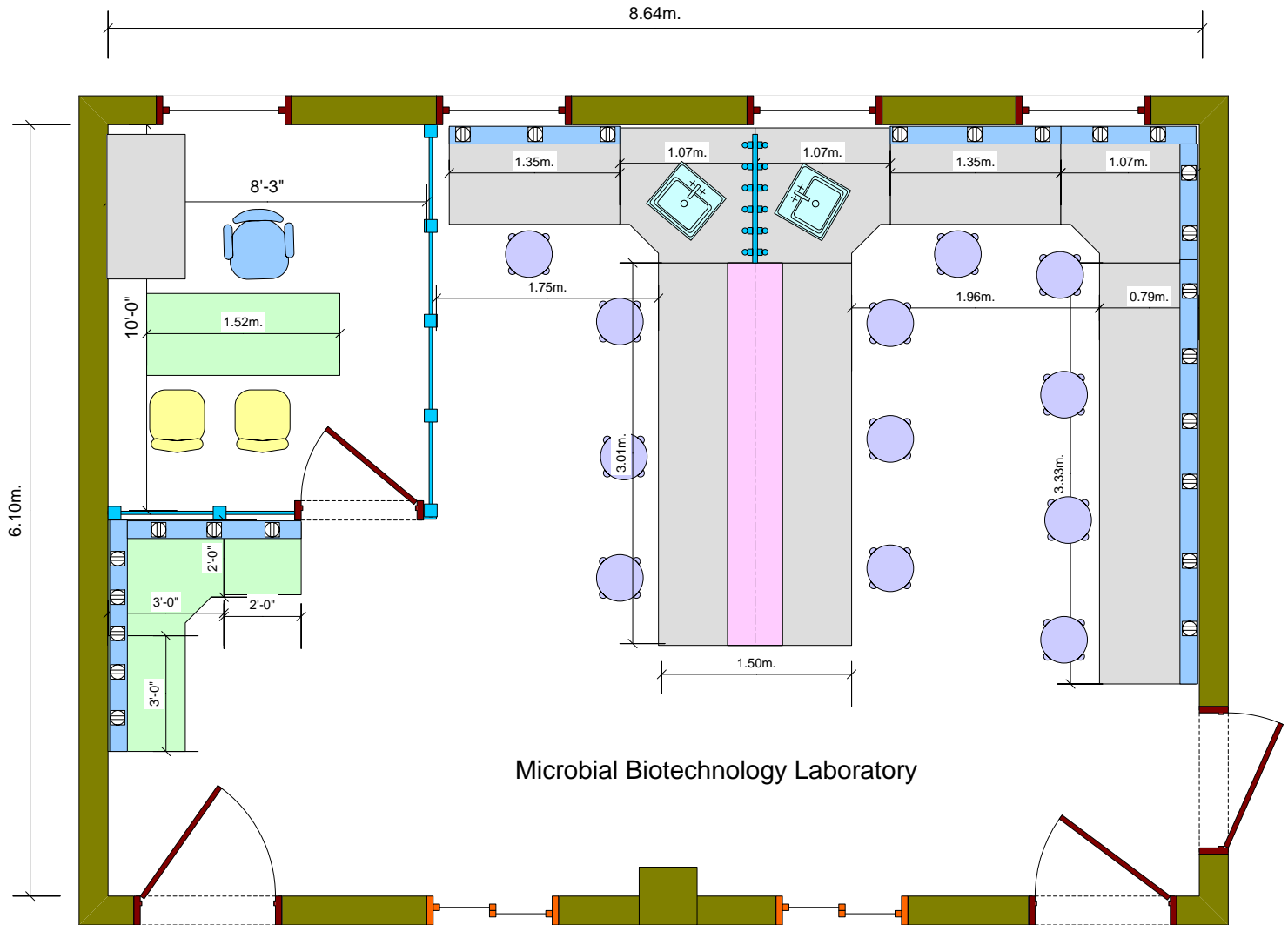


Note:-

- The sample, catalogue color, texture etc. of all above furniture shall be finalized before approved by IIM management.
- The All finished product shall be delivered to the IIM (Jammu) duly covered with bubble sheet to avoid any breakage etc. However in case of any minor repair

arising out of transportation etc. the same shall be repaired/ replaced immediately by the supplier without any extra cost.

Room No. 255



Design & Drawing :- S. N. Bharti

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, 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 air/road/rail (retain one only) | 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 port of shipment or FCA (named place of delivery) <i>(retain only one)</i> | Total price (5x6) FOB (named port of shipment) or FCA (named place of delivery) <i>(retain only one)</i> | Charges for Insurance & transportation to port//place of destination | Total price CIF/CIP (retain one only) (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 _____

(c) Cost of Spares, if any _____

Signature of the Bidder

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 PQCs 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 a 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 (01) 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 (02) 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 he Bid Securing Declaration)

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

Dated on _____ day of _____ (insert date of signing)

Corporate Seal (where appropriate)

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

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., FAX No. and e-mail address |
|---------------------------------------------|--------------------|-----------------------------------------------|----------------|------------------------------------------------|---------------------------------------|------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| | | | | | | | | |

Signature and Seal of the manufacturer/Bidder

Place :
Date :

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

| Sl.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".

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 |
|-------|--------------------|-------------------------------------------------------------------|---------------------------------------------------------|
|-------|--------------------|-------------------------------------------------------------------|---------------------------------------------------------|

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.

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

No
M/s

Date

Sub:

Certificate of commissioning of equipment

1. 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 1:(Name & Address”)

Witness 2:(Name & Address)

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)

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) 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. |
|-------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------|
| | | |

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.