

Last Date and time for submission of e-bid: **12.03.2026 (Up to 11.00 AM)**

Date and time for opening of e-bid: **13.03.2026 (11.00 AM)**

Domestic Open Tender Document

ई-बीड निमंत्रण के लिए निविदा दस्तावेज / TENDER DOCUMENT FOR INVITATION FOR e-BIDS

Director, CSIR- AMPRI (Advanced Materials & Processes Research Institute), invites e-tenders through www.etenders.gov.in from manufacturers, duly authorized Indian distributors who are either **Class-I** or **Class-II** Local suppliers as per Order No. P-45021/2/2017-PP (BE-II) dt.16th September 2020, issued by DIPP, Ministry of Commerce and Industry, GoI for purchase of items listed below:

| निविदा सं/ Tender No. | उपकरण का नाम / Name of Equipment | संख्या Quantity | बिड का प्रकार Type of Bid | बयाना राशि /Bid Security (EMD) |
|---------------------------------|--|----------------------------|------------------------------|--|
| PUR/CON/ 116 / (2025- 26) | <p>“Supply of following powders:</p> <p>1. Ti6Al4V Alloy Powder (Grade-5) suitable for LPBF Additive Manufacturing.</p> <p>2. Ti6Al4V Alloy Powder (Grade-5) suitable for EBeam Additive Manufacturing.</p> <p>3. CM247LC Alloy Powder suitable for LPBF Additive Manufacturing.”</p> <p>(Detailed Specification given in Chapter -4)</p> | 100 kg 100 kg 100 kg | Two Bid | Against Bid Securing Declaration form |

- इच्छुक बोली दाता भंडार एवं क्रय नियंत्रक कार्यालय / भंडार एवं क्रय अधिकारी के कार्यालय से विस्तृत जानकारी प्राप्त कर सकते हैं। Interested Bidders may obtain further information from the office of the **Stores & Purchase Officer, CSIR-AMPRI, Bhopal.**
- The Tender document is available at www.etenders.gov.in and is downloadable free of cost. The tender document can also be seen at our website www.ampri.res.in under the heading tender.
- In case of any technical clarification, bidders may send an email on ashiq.ampri@csir.res.in & spo.ampri@csir.res.in well before due date of submission of tender. After opening of a bid, no communication in this regard will be entertained.
- As per Govt. of India procurement policies, Purchase preference, eligibility of bidders and other conditions will be as prescribed in DIPP Order No. P- 45021/2/2017-PP (BE-II) dated 04.09.2020 and 16.09.2020 issued by DIPP. Bidders should mandatorily indicate whether they are under class I or class II local supplier. Non-local suppliers cannot participate in any of the tenders up to 200 crores.
The exemption limit of Rs. 05 Lakhs mentioned in Public Procurement (Preference to Make in India) Order 2017 dated 19.07.2024 has been increased to Rs. 50 Lakhs for procurement of scientific equipment/consumable only as per the Revised GOI, Ministry of Commerce & Industry, DPIIT(PPD) O.M. No. P-45021/2/2017-PP(BE-II)-Part (4) Vol.II dt. 08.07.2025, which is applicable to CSIR-AMPRI, Bhopal.
- *** **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 4th June 2020 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
- The Director, CSIR-AMPRI, Bhopal, India reserves the right to accept any or all tenders either in part or in full or to split the order without assigning any reasons there for.

Note: The quotation should be submitted either by the principal manufacturer or authorized agent / dealer, both cannot bid simultaneously for the same item/product in the same tender. Bids of OEM would be considered in case both manufacturers and agent have quoted. If an agent is submitted the bid on behalf of the principal /OEM, the same agent shall not submit a bid on behalf of another principal/OEM in the same tender for the same item/product One manufacturer can also authorize only one agent /dealer in a tender.

Sd/-

भण्डार एवं क्रय अधिकारी/Stores & Purchase Officer

CRITICAL DATE SHEET

| Sl. No. | Stage | Date & Time |
|----------------|---|---|
| 1. | Publish Date & Time | Details as per Critical Dates uploaded on CPPP (Central Public Procurement Portal) |
| 2. | Last Date & time for receipt of queries | |
| 3. | Pre-bid Conference, if any | |
| 4. | Bid Submission Start Date & time | |
| 5. | Bid Submission End Date & Time | |
| 6. | Bid Opening Date & Time | |

PROCUREMENT PLANNING

| Sl.No | Stage | Tentative Time Frame |
|--------------|--|-----------------------------|
| 1. | Date of Bid Opening | XX |
| 2. | Date of Completion of Technical Bid Evaluation | XX + 50 |
| 3. | Date of communication of Rejection of Bids | XX + 65 |
| 4. | Date of Receipt of context, if any, from Bidders | XX + 70 |
| 5. | Opening of Financial Bid | XX + 80 |
| 6. | Notification of Award | XX + 90 |

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CHAPTER - 1

INSTRUCTIONS TO BIDDERS

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A-Introduction

1.1. Eligible Bidders

1.1.1

This Invitation for Bids is open to all suppliers registered on www.etenders.gov.in who are either class-I or Class-II suppliers as per order no. P- 45021/2/2017-PP (BE-II) dated 04.09.2020 and 16.09.2020 issued by DIPP, Ministry of Commerce and Industry Govt. of India.

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 than 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 competing for the contract or in executing a contract, the purchaser may take appropriate measures including one or more of the following:

i) If his bids are under consideration in any procurement:

- a) Forfeiture or encashment of bid security;
- b) Calling off of any pre-contract negotiations; and
- c) Rejection and exclusion of the bidder from the procurement process.

ii) If a contract has already been awarded

- a) Cancellation of the relevant contract and recovery of compensation for loss incurred by the purchaser;
- b) Forfeiture or encashment of any other security or bond relating to the procurement;
- c) Recovery of payments including advance payments, if any, made by the purchaser along with interest thereon at the prevailing rate.

iii) Provisions in addition to above:

- a) Removal from the list of registered suppliers and banning/debarment of the bidder from participation in future procurements of the purchaser for a period not less than one year;
- b) In case of anti-competitive practices, information for further processing may be filed under a signature of the Joint Secretary level officer, with the Competition Commission of India;
- c) Initiation of suitable disciplinary or criminal proceedings against any individual or staff found responsible.

B. The Bidding Documents

1.4 Cost of Tender Documents

1.4.1

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

1.5 Content of Tender Documents

1.5.1

The goods required, bidding procedures and contract terms are prescribed in the bidding documents which should be read in conjunction. The bidding documents, apart from the invitation for bids and Critical Date Sheet have been divided into 8 Chapters as under:

- | | |
|------------|--|
| Chapter 1: | Instructions to Bidder (ITB) |
| Chapter 2: | General Conditions of Contract (GCC) and Special Condition of Contract (SCC) |

- Chapter 3: Schedule of Requirements
Chapter 4: Specifications and Allied Technical Details
Chapter 5: Price Schedule Forms
Chapter 6: Qualification requirements
Chapter 7: Contract Form (Special adhesive stamp of ₹10 (Rupees Ten) and revenue stamp of Rupee one shall be affixed on the enclosed agreement form)
Chapter 8: Other Standard Forms comprising:
- (1) Bidder Information Form
 - (2) Manufacturer's Authorization Form (MAF);
 - (3) Bid Securing Declaration Form
 - (4) Self certification regarding local content in as R&D equipment
 - (5) Performance Statement form
 - (6) Deviation Statement Form;
 - (7) Service Support details
 - (8) Bid form
 - (9) Performance Security Form
 - (10) Acceptance Certificate Form
 - (11) Price certificate
 - (12) Land border declaration undertaking form
 - (13) Format for declaration by the bidder for code of integrity and Conflict of interest.
 - (14) Check list

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. Bidders desirous of submitting their bids in accordance with the Make in India Policy of GOI must submit an Affidavit of self-Certification regarding minimum local content as per the format enclosed with the bidding document.

1.9.2 For the above purpose, Class-I/Class-II 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 4th June 2020 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 (Tender Specific MAF mentioned with tender reference number and date must be submitted along with the bid) 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, if required;
- (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 ₹10crores, 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.

B Price bid

- (i) Bid form;
- (ii) Price bid as per MS Excel BOQ uploaded on CPPP
- (iii) Price Schedule as per Chapter-5

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

(b) For Goods manufactured abroad (N.A.)

- (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.

1.12.3

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

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 only.

1.14. Documents Establishing Bidder's Eligibility and qualifications

1.14.1

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

1.14.2

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

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

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

1.15 Documents Establishing Goods' Eligibility and Conformity to Bidding Documents

1.15.1

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

1.15.2

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

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

- (d) 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 Director. CSIR-AMPRI, Bhopal
- (c) A Banker's cheque or demand draft in favour of the Director. CSIR-AMPRI, Bhopal, 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 UdyogAadhar 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:

In case Bidder fails to submit a valid MSME/UAM registration as per the bid security exemption criteria mentioned above and also have not submitted bid security amount as mentioned in tender document, such bids shall be rejected and NO further correspondence shall be entertained.

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

1.16.9

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

1.16.10

The bid security may be forfeited:

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

1.16.11

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

1.17. **Period of Validity of Bids**

1.17.1

Bids shall remain valid for minimum of 120 days after the date of bid opening prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the Purchaser as non-responsive.

1.17.2

In exceptional circumstances, the Purchaser may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing (by post, fax or e-mail). The bid security provided shall also be suitably extended failing which the bid would be summarily ignored. A Bidder may refuse the request without forfeiting its bid security. A Bidder granting the request will not be required nor permitted to modify its bid.

1.17.3

Bid evaluation will be based on the bid prices without taking into consideration the above corrections.

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1.17.3 Bid evaluation will be based on the bid prices without taking into consideration the above corrections.

1.18. Format and Signing of BID

1.18.1 The bids may be submitted in single bid or in two parts as specified in the Invitation for Bids /NIT.

1.18.2 The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorized to bind the Bidder to the Contract. All pages of the bid, except for un-amended printed literature, shall be initialed by the person or persons signing the bid detailing his/her name and contact details.

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

D. Submission and sealing of Bids

1.19. Submission, Sealing and Marking of Bids

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

1.20. Deadline for Submission of Bids

1.20.1 Bids must be uploaded on www.etenders.gov.in against the relevant Tender ID before the due date and time.

1.20.2 The Purchaser may, at its discretion, extend the deadline for submission of bids by amending the bid documents in accordance with Clause relating to Amendment of Bidding Documents in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended. Such amendments would appear as a corrigendum on www.etenders.gov.in against the relevant Tender ID.

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.

1.21.2 Such tenders shall be marked as late and not considered for further evaluation.

1.22. Withdrawal, substitution and Modification of Bids.

1.22.1 It would be governed by the Standard Operating Procedure of the e-procurement portal.

E. Opening and Evaluation of Bids

1.23 Opening of Bids by the Purchaser

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

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

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. (I.e. Tender specific Manufacturer Authorization Certificate mentioned with Tender reference number and date)
- (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:

- (a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;
- (b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- (c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

1.29.4 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 (NA)

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.

(Not applicable as the price quoted by bidders should be in Indian Rupees only)

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.

1.32.5 Purchase Preference

Subject to the provision of Public Procurement (Preference to Make in India) Order 2017-Revision dated 4th June 2020 and to any specific instructions issued by the Nodal Ministry or in pursuance of this order, purchase preference shall be given to Class-I local supplier in procurements undertaken by procuring entity in the matter specified hereunder:

- a) The purchaser has restricted the eligibility of the supplier to Indian suppliers only as per para 06 of the invitation to bid / NIT. In procurement of all goods in respect of which the Nodal Ministry/Department has communicated that there is sufficient local capacity and local competition, only Class I local supplier as defined under the order shall be eligible to bid irrespective of purchase value.
- 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, for goods with estimated value of less than Rs.200 crore. :
- c) If the tendered items are divisible in nature, then the following procedure of evaluation shall be followed:
 - i) Among all qualified bids, the lowest bid will be termed as L1. If L1 is Class-I local supplier, the contract for full quantity will be awarded to L1.

- (ii) If L1 bid is not Class-I local supplier, the lowest bidder amongst the Class-I local supplier will be invited to match the L1 price for the remaining 50% quantity, subject to the local supplier 's quoted price subject to Class –I local supplier's quoted price falling within the margin of purchase preference of 20%. The contract for that quantity shall be awarded to such Class-I local supplier, who matches the L1 price. In case such lowest eligible Class-I local supplier fails to match the L1 price or accepts less than the offered quantity, the next higher Class-I local supplier within the margin of purchase preference shall be invited to match the L1 price for the remaining quantity and so on. The contract shall be awarded accordingly. In case none of the Class-I local suppliers, within the margin of purchase preference matches the L1 price, the contract may be awarded to the L1 bidder.
- (a) 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 Class-I local supplier, the contract will be awarded to L1.
 - ii. If L1 is not from a Class-I local supplier, the lowest bidder among the Class-I local suppliers will be invited to match the L1 price, subject to Class-I local supplier's quoted price falling within the margin of purchase preference of 20%. Accordingly, the contract shall be awarded to the Class-I local supplier matching the L1 price.
 - iii. In case such lowest eligible Class-I local supplier fails to match the L1 price, the Class-I local supplier with the next higher bid within the margin of purchase preference shall be invited to match the L1 price. This may be repeated until all the Class-I local suppliers within the margin of purchase preference are given an opportunity to match the L1 price. The contract shall be awarded accordingly. In case none of the Class-I local suppliers within the margin of purchase preference match the L1 price, the contract may be awarded to the L1 bidder.
- (b) If a Nodal Ministry is satisfied that Indian suppliers of an item are not allowed to participate and / or compete in procurement by any foreign government, it may, if it deems appropriate, restrict or exclude bidders from that country from eligibility for procurement of that item and / or other items relating to that Nodal Ministry.
- (c) Class – I local suppliers /class-II local suppliers at the time of submission of bid must submit a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made, as per the proforma, failing which no purchase preference shall be granted. In case the bid value is more than Rs.10.00 crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (Preference to Make-in – India) order 2017 dated 4.6.2020.
- (d) Only Class-I and Class-II local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non-Local suppliers as per MII order dated 4.6.2020 are not eligible to participate.

In case of MSE –

- 1.32.6 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.
- 1.32.7 Within this 25% (Twenty five Percent) quantity, a purchase preference of 20 (twenty percent) out of 25 (twenty five percent) 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. 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.

The bids shall be evaluated on the basis of final landing cost which shall be arrived as under:

For goods manufactured in India

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

For goods manufactured abroad (N.A.)

- (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:

- (e) Towards customs duty and other statutory levies—as per applicable rates.
- (f) 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.(N.A.)

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.(N.A.)

1.32.11 The GCC and the SCC shall specify the mode of transport i.e., whether by air/ocean/road/rail.(N.A.)

1.32.12 There is no provision to purchase optional items. The specifications embodied in the tender documents would be the basis of evaluating the responsiveness of bids received.

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

1.33 Contacting the Purchaser

1.33.1 Subject to ITB Clause 1.25, no Bidder shall contact the Purchaser on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded.

1.33.2 Any effort by a Bidder to influence the Purchaser in its decisions on bid evaluation, bid comparison or contract award may result in rejection of the Bidder's bid.

1.34 Post qualification

1.34.1 In the absence of pre-qualification, the Purchaser will determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated responsive bid is qualified to perform the contract satisfactorily, in accordance with the criteria listed in ITB Clause 1.14.

1.34.2 The determination will take into account the eligibility criteria listed in the bidding documents and will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, as well as such other information as the Purchaser deems necessary and appropriate.

1.34.3 An affirmative determination will be a prerequisite for award of the contract to the Bidder. A negative determination will result in rejection of the Bidder's bid.

F. AWARD OF CONTRACT

1.35 Negotiations

1.35.1

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

1.36 Award Criteria

1.36.1

Subject to ITB Clause 1.39, the Purchaser will award the contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined to be the lowest evaluated bid, provided further that the Bidder is determined to be qualified to perform the contract satisfactorily. The details of the award would be hosted on the website of the Purchaser.

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

1.37.1

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

1.38 Option Clause

1.38.1

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

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

1.39.1

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

1.40 Notification of Award

1.40.1

Prior to the expiration of the period of bid validity, the Purchaser will notify the successful bidder in writing by registered letter or by cable or telex or fax or e mail that the bid has been accepted and a separate purchase order shall follow through post.

1.40.2

Until a formal contract is prepared and executed, the notification of award should constitute a binding contract.

1.40.3

Upon the successful Bidder's furnishing of the signed Contract Form and performance security pursuant to ITB Clause 1.43, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security.

1.41 Signing of Contract

1.41.1

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

1.41.2

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

1.42 Order Acceptance

1.42.1

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

1.42.2

The order confirmation must be received within 14 days. However, the Purchaser has the powers to extend the time frame for submission of order confirmation beyond the original date. Even after extension of time, if the order confirmation is not received, the contract is liable to be cancelled provided that the purchaser, on being satisfied that it is not a case of cartelization and the integrity of the procurement process has been maintained, may, for cogent reasons, offer the next successful bidder an opportunity to match the financial bid of the first successful bidder, and if the offer is accepted, award the contract to the next successful bidder at the price bid of the first successful bidder.

1.43 Performance Security

1.43.1

Within 21 days of receipt of the notification of award/PO, the Supplier shall furnish performance security (PS) in the amount specified in SCC, valid till 60 days after the warranty period.

1.43.2

The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

1.43.3

The Performance Security shall be denominated in Indian Rupees for the offers received for supplies within India and denominated in the currency of the contract in the case of offers received for supply from foreign countries or in equivalent Indian rupees in case the performance security is submitted by the Indian Agent.

1.43.4

In the case of imports, the PS may be submitted either by the principal or by the Indian agent and, in the case of purchases from indigenous sources, the PS may be submitted by either the manufacturer or their authorized dealer/bidder.

1.43.5

The Performance security shall be in one of the following forms:

- (a) A Bank guarantee or stand-by Letter of Credit issued by a Nationalized/ Scheduled bank located in India or a Foreign bank with preferably its operating branch in India in the form provided in the bidding documents. Or
- (b) A Banker's cheque or Account Payee 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

A GENERAL CONDITIONS OF CONTRACT (GCC)

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GENERAL CONDITIONS OF CONTRACT (GCC)

2.1 Definitions

2.1.1

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

- (a) “Contract” means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.
- (b) “Contract Documents” means the documents listed in the Contract Agreement, including any amendments thereto.
- (c) “Contract Price” means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.
- (d) “Day” means calendar day.
- (e) “Completion” means the fulfillment of the Goods and related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.
- (f) “GCC” means the General Conditions of Contract.
- (g) “Goods” means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.
- (h) “Related Services” means the services incidental to the supply of the goods, such as transportation, insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.
- (i) “SCC” means the Special Conditions of Contract.
- (j) “Subcontractor” means any natural person, private or government entity, or a combination of the above, to whom any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.
- (k) “Supplier” means the natural person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.
- (l) 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.
- a) Provisions in addition to above:
- 1) Removal from the list of registered suppliers and banning/debarment of the bidder from participation in future procurements of the purchaser for a period not less than one year;
 - 2) In case of anti-competitive practices, information for further processing may be filed under a signature of the Joint Secretary level officer, with the Competition Commission of India;
 - 3) Initiation of suitable disciplinary or criminal proceedings against any individual or staff found responsible.

2.4 Joint Venture, Consortium or Association

2.4.1

If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.

2.5 Scope of Supply

2.5.1

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

2.6 Suppliers' Responsibilities

2.6.1

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

2.7 Contract price

2.7.1

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

2.8 Copy Right

2.8.1

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

2.9 Application

2.9.1

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

2.10 Standards

2.10.1 The Goods supplied and services rendered under this Contract shall conform to the standards mentioned in the Technical Specifications, and, 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 or stand-by Letter of Credit issued by a Nationalized/Scheduled bank located in India or a bank located abroad in the form provided in the bidding documents.
Or
- (b) A Banker's cheque or 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 dispatch, then the bidder is free to engage the services of any other Airlines.

2.17 Insurance

- 2.17.1 Should the purchaser elect to buy on 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 (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for Eighteen (18) months after the date of shipment from the port 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 fulfillment of other obligations stipulated in the contract.

2.22.3 Payments shall be made promptly by the Purchaser but in no case later than thirty (30) days after submission of the invoice or claim by the Supplier. While claiming the payment, the supplier should certify in the bill/invoice that the payment being claimed strictly in terms of the contract and all obligations on the part of the supplier for claiming the payment have been fulfilled as required under the contract.

2.22.4 Payment shall be made in currency as indicated in the contract.

2.23 Change Orders and Contract Amendments

2.23.1 The Purchaser may at any time, by written order given to the Supplier pursuant to Clause on Notices of the GCC make changes within the general scope of the Contract in any one or more of the following:

- (a) Increase or decrease in the quantity required, exercise of quantity opinion clause;
- (b) Changes in schedule of deliveries and terms of delivery;
- (c) The changes in inspection arrangements;
- (d) Changes in terms of payments and statutory levies;
- (e) Changes due to any other situation not anticipated;

2.23.2 No changes in the price quoted shall be permitted after the purchase order has been issued except on account of statutory variations.

2.23.3

No variation or modification in the terms of the contract shall be made except by written amendment signed by the parties.

2.24 Assignment

2.24.1

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

2.25 Subcontracts

2.25.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under this Contract if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the Supplier from any liability or duties or obligation under the contract.

2.26 Extension of time.

2.26.1 Delivery of the Goods and performance of the Services shall be made by the Supplier in accordance with the time schedule specified by the Purchaser.

2.26.2

If at any time during performance of the Contract, the Supplier or its sub-contractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may, at its discretion, extend the Supplier's time for performance with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of the Contract.

2.26.3

Except as provided under the Force Majeure clause of the GCC, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to liquidated damages Clause of the GCC unless an extension of time is agreed upon pursuant to above clause without the application of penalty clause.

2.27 **Liquidated Damages**

2.27.1

Subject to GCC Clause on Force Majeure, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as penalty, a sum equivalent to the percentage specified in SCC of the delivered price of the delayed Goods or unperformed Services or contract value in case the delivered price of the delayed goods or unperformed services cannot be ascertained from the contract, for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the Percentage specified in SCC. Once the maximum is reached, the Purchaser may consider termination of the Contract pursuant to GCC Clause on Termination for Default.

2.28 **Termination for Default**

2.28.1

The Purchaser may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Supplier, terminate the Contract in whole or part

- (a) If the Supplier fails to deliver any or all of the Goods within the period(s) specified in the contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause on Extension of Time; or
- (b) If the Supplier fails to perform any other obligation(s) under the Contract.
- (c) If the Supplier, in the judgment of the Purchaser has engaged in corrupt or fraudulent or collusive or coercive practices etc as defined in GCC Clause and ITB clause on code of integrity in competing for or in executing the Contract.

2.28.2

In the event the purchaser terminates the contract in whole or in part, he may take recourse to any one or more of the following action:

- (a) The Performance Security is to be forfeited;
- (b) The purchaser may procure, upon such terms and in such manner as it deems appropriate, stores similar to those undelivered, and the supplier shall be liable for all available actions against it in terms of the contract.
- (c) However, the supplier shall continue to perform the contract to the extent not terminated.

2.29 Force Majeure

2.29.1

Notwithstanding the provisions of GCC Clauses relating to extension of time, Liquidated damages and Termination for Default the Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

2.29.2

For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

2.29.3

If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof within 21 days of its occurrence. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

2.29.4

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

2.30 Termination for Insolvency

2.30.1

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

2.31 Termination for Convenience

2.31.1

The Purchaser, by written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

2.31.2

The Goods that are complete and ready for shipment within 30 days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

- (a) To have any portion completed and delivered at the Contract terms and prices; and/or

- (b) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and for materials and parts previously procured by the Supplier.

2.32 Settlement of Disputes

2.32.1

The Purchaser and the supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

2.32.2

If, after twenty-one (21) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract.

2.32.3

In the event of any question /dispute/difference arising under the agreement or in connection herewith (except as to matters the decision of which is specially provided under this agreement) the same shall be referred to the Delhi International Arbitration Centre for appointment of Arbitrator to adjudicate the dispute.

The award of the Arbitrator shall be final and binding on the parties. The Arbitrator may give interim award(s) and /or directions, as may be required.

Subject to the aforesaid provision, the arbitration and conciliation act, 1996 and the rules made hereunder and any modification thereof from time to time being in force shall be deemed to apply to the Arbitration proceedings under this clause.”

2.32.4

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.

2.45 Relaxation for startups

2.45.1. As per Department of Expenditure vide O.M. dated 20th Sept 2016, relaxation regarding prior turnover and prior experience is applicable only to all Startups (whether MSEs or otherwise) recognized by DPIIT subject to meeting of quality and technical specifications

B SPECIAL CONDITIONS OF CONTRACT

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| 03. | GCC 2.13.1 |
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| 10. | GCC 2.27.1 |
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| 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: Director , CSIR-Advanced Materials And Processes Research Institute, Near Habibganj Naka, Hoshangabad Road Bhopal-462026 (Madhya Pradesh) |
| 2 | GCC 2.1.1(m) | The Final Destination is: Director , CSIR-Advanced Materials And Processes Research Institute, Near Habibganj Naka, Hoshangabad Road Bhopal- 462026 (Madhya Pradesh) Tel: 0755-2488355 |
| 3 | GCC 2.13.1 | The amount of the Performance Security shall be 5% 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: 01. 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). |

| | | |
|----|------------|---|
| | | 02. 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 Road . |
| 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 as per schedule of requirement from the date of acceptance. |
| 9 | GCC2.22.1 | The method and conditions of payment to be made to the Supplier under this Contract shall be as follows: Payment for Goods And Services Supplied from India: The Payment shall be made in Indian Rupees as follow: On receipt and on acceptance: 100% Contract Price Shall be paid on receipt of the Goods and upon submission on receipt of the document specified in GCC and on installation of complete supplied items and acceptance certificate issued by the purchaser subject to submission of {performance Security , Contract Agreement if any |
| | GCC 2.22.1 | Note: All payments due under the Contract shall be paid after deduction of statutory levies at source (like ESIC, Income Tax, etc.), wherever applicable. |
| 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%. The liquidated damages shall be levied on the delivered price of the delayed goods or unperformed services or contract value as applicable. |
| 11 | GCC 2.34.1 | The place of jurisdiction is Bhopal, India. |
| 12 | GCC 2.35.1 | For notices, the Purchaser’s address is Attention: The Director Location: CSIR-AMPRI, Bhopal |
| 13 | GCC 2.35.1 | Telephone: +91-0755-2488355 EPABX Tel: 0755-2457244 Facsimile number: 0755-2457042 Electronic mail address : spo.ampri@csir.res.in |
| 14 | GCC 2.43.1 | The integrity pact is to be/not to be signed. NA |
| 15 | GCC 2.43.2 | <i>The name and contact details of the IEMs are as under i: NA</i> |
| 16 | GCC 2.251 | <i>Purchase Preference as per Make In India DPIIT order 2017 dated 16.09.2020</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) |
|---------|--|----------|---------------|--------------------------|--|--|
| 01 | <p>“Supply of following powders:</p> <p>1. Ti6Al4V Alloy Powder (Grade-5) suitable for LPBF Additive Manufacturing.</p> <p>2. Ti6Al4V Alloy Powder (Grade-5) suitable for EBeam Additive Manufacturing.</p> <p>3. CM247LC Alloy Powder suitable for LPBF Additive Manufacturing.”</p> <p>(Specification given in Chapter -4)</p> | 100 | Kilogram. | CSIR-AMPRI, BHOPAL | | |
| | | 100 | Kilogram. | | | |
| | | 100 | Kilogram. | | | |

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

Warranty Period _____ Standard Warranty:.....

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 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.

CHAPTER 4

Technical Specifications

Essential Criteria: "Make in India" metal powders having high Indigenous Content (often 50% +), meeting or exceeding performance standards of imported counterparts.

1. **Material Designation:** Ti6Al4V Alloy Powder (Grade-5) suitable for Additive Manufacturing

Quantity: 100 kg

Technical Specifications: (Powder for Laser Powder Bed Fusion Additive Manufacturing)

i. Chemical Composition:

| Item | Composition (all elements in weight percent) | | | | | | | | | |
|-----------------------|--|------------|----------|--------|--------|--------|--------|---------|--------|--------------|
| Materials Designation | Ti | Al | V | Fe | O | C | N | H | Y | Other, total |
| Ti6Al4V | Balance | 5.5 – 6.75 | 3.5- 4.5 | < 0.30 | < 0.20 | < 0.08 | < 0.05 | < 0.015 | < 0.20 | < 0.40 |

- ii. Spherical powder in the size range: 20-63 µm

2. **Material Designation:** Ti6Al4V Alloy Powder (Grade-5) suitable for Additive Manufacturing

Quantity: 100 kg

Technical Specifications: (Powder for E-Beam Additive Manufacturing)

i. Chemical Composition:

| Item | Composition (all elements in weight percent) | | | | | | | | | |
|-----------------------|--|------------|----------|--------|--------|--------|--------|---------|--------|--------------|
| Materials Designation | Ti | Al | V | Fe | O | C | N | H | Y | Other, total |
| Ti6Al4V | Balance | 5.5 – 6.75 | 3.5- 4.5 | < 0.30 | < 0.20 | < 0.08 | < 0.05 | < 0.015 | < 0.20 | < 0.40 |

- ii. Spherical powder in the size range: 45-106 µm

3. **Material Designation:** CM247LC Alloy Powder suitable for Additive Manufacturing

Quantity: 100 kg

Technical Specifications: (Powder for Laser Powder Bed Fusion Additive Manufacturing)

i. Chemical Composition:

| Item | Composition (all elements in weight percent) | | | | | | | | | |
|-----------------------|--|----------|----------|----------|---------|---------|---------|---------|-------------|-------|
| Materials Designation | Cr | Co | W | Mo | Hf | Al | Ti | Ta | B | Zr |
| CM247 | 8.0- 8.5 | 9.1- 9.4 | 9.3- 9.7 | 0.4- 0.6 | 1.3-1.6 | 5.5-5.7 | 0.6-0.8 | 3.1-3.3 | 0.005- 0.03 | ≤0.02 |
| | Mn | Si | Nb | V | Re | C | N | O | Mg | Ni |

| | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|---------------|-------|-------|--------|---------|
| | ≤0.03 | ≤0.03 | ≤0.05 | ≤0.05 | ≤0.05 | 0.07- 0.09 | ≤0.01 | ≤0.02 | ≤0.007 | Balance |
|--|-------|-------|-------|-------|-------|---------------|-------|-------|--------|---------|

ii. Spherical powder in the size range: 15-53 microns

General Terms and Conditions:

- i. Packaging will ensure environmental protection and protection from any other contamination.
- ii. Supplier will provide brief description of the process used to manufacture the powder.

Quality Control Protocol

This comprehensive Incoming Quality Control (IQC) protocol is for **100 kg of Ti Gr5**.

To support a **6 Sigma manufacturing process** (defect rate < 3.4 per million), we cannot simply "pass" material that meets the basic specifications. The vendor must prove the material has **low variation** $C_{pk} \geq 2.0$

Part 1: Statistical Sampling Plan (For 100 kg)

For a 100 kg batch, if we receive twenty 5-kg bottles or ten 10-kg bottles.

To achieve statistical validity without testing every single grain, the vendor must use a Stratified Random Sampling method based on ISO 2859-1 / ANSI/ASQ Z1.4.

Sampling Strategy

1. **Unit Calculation:** Assume 20 bottles (5 kg each).
2. **Sampling Intensity (n):** For high-reliability (6 Sigma) confidence, use the calculation $n = \sqrt{N} + 1$, where N is the number of containers.
 - o $\sqrt{20} \approx 4.47 \rightarrow 5$ bottles.
 - o **Action:** Randomly select **6 bottles** (rounding up for safety) from the pallet.
3. **Stratification:** Do not sample only the top. Vibrations during shipping cause "percolation" (fines sink, large particles rise).
 - o **Action:** Take 3 samples from *each* of the 6 bottles (Top, Middle, Bottom) using a **Slot Sampler (ASTM B215)**.
 - o **Total Samples:** 18 raw samples \rightarrow Blend to create **6 Composite Test Samples**.

Part 2: The IQC Protocol (Test & Standards)

Perform these tests on the 6 Composite Samples.

A. Morphology & Surface Quality (Critical for DMP Flex 350)

The "Soft Blade" of the DMP Flex 350 is sensitive to irregular particles which cause "short feeds" or recoater jams.

- **Test Method:** **ASTM F3049** (Characterization of Metal Powders for AM) & **ISO 13322-1** (Image Analysis).
- **Equipment:** SEM (Scanning Electron Microscope) or Dynamic Image Analysis (e.g., Camsizer).
- **Metric 1: Sphericity (Aspect Ratio)**
 - o **Target:** > 0.9 (Where 1.0 is a perfect circle).
 - o **Reject Limit:** < 0.85 (Elongated particles causing flow blockage).
- **Metric 2: Satellite Fraction**
 - o **Target:** < 5% area coverage.

- **Why:** Satellites (tiny balls stuck to big ones) break off during melting, creating "spatter" defects.
- **Metric 3: Porosity (Entrapped Gas)**
 - **Target:** < 1% hollow particles.
 - **Why:** Hollow powder = Porous parts.

B. Particle Size Distribution (PSD)

- **Standard: ASTM B822** (Laser Diffraction).
- **DMP Flex 350 Target:**
 - **D10:** 15 - 20 μm
 - **D50:** 30 - 40 μm
 - **D90:** 45 - 55 μm
 - **Span:** $\frac{D90-D10}{D50} \leq 1.2$ (Narrow distribution is required for 6 Sigma consistency).

C. Flow & Density

- **Flow Rate: ASTM B213** (Hall Flow). Target: 23 - 26 seconds/50g.
- **Apparent Density: ASTM B212.** Target: $\sim 2.45 \text{ g/cm}^3$.
- **Tap Density: ASTM B527.** Target: $> 2.8 \text{ g/cm}^3$.
- **Hausner Ratio:** $\frac{\text{Tap Density}}{\text{Apparent Density}} < 1.25$ (Indicates "Free Flowing").

D. Chemical Composition (Focus on Interstitials)

- **Oxygen/Nitrogen: ASTM E1409** (Inert Gas Fusion).
 - **Strict Target:** Oxygen $\leq 0.13\%$ (allows buffer for reuse).
- **Hydrogen: ASTM E1447.** Target: $\leq 0.01\%$.

Part 3: Statistical Validity Check (The "6 Sigma" Pass/Fail)

To certify this 100 kg batch for a 6 Sigma process, the test results from your 6 samples must calculate to a **Process Capability Index (C_{pk}) of ≥ 2.0**

Step 1: Calculate Mean and Standard Deviation

Take the results for **Oxygen Content** (or your most critical variable) from the 6 samples.

- Calculate Mean (μ)
- Calculate Standard Deviation (σ)

Step 2: Calculate C_{pk}

Use the formula:

$$C_{pk} = \min\left(\frac{USL - \mu}{3\sigma}, \frac{\mu - LSL}{3\sigma}\right)$$

- **USL (Upper Spec Limit):** 0.13% (Your strict internal limit, not the ASTM 0.20%).
- **LSL (Lower Spec Limit):** 0.0% (Ideally).

Step 3: The Decision Rule

| C_{pk} Value | Interpretation | Decision for 100kg Batch |
|---------------------------|--|-------------------------------------|
| $C_{pk} \geq 2.0$ | 6 Sigma Quality. The variation is so low that defects are statistically impossible. | PASS (Premium Tier) |
| $1.67 \leq C_{pk} < 2.0$ | 5 Sigma Quality. Excellent control. | PASS (Standard) |
| $1.33 \leq C_{pk} < 1.67$ | 4 Sigma Quality. Good, but requires monitoring. | CONDITIONAL (Review Process) |
| $C_{pk} < 1.33$ | High Variation. Significant risk of outliers. | REJECT for Critical Parts |

Example Calculation (Oxygen Content)

- **Sample Results:** 0.11, 0.12, 0.11, 0.10, 0.11, 0.12
- **Mean (μ):** 0.112
- **Std Dev (σ):** 0.0075
- **USL:** 0.13 (Internal Strict Limit)
- $$C_{pk} = \frac{0.13 - 0.112}{3(0.0075)} = \frac{0.018}{0.0225} = 0.8$$
- **Result: FAIL.** Even though all values are under 0.13, the *variation* is too high relative to the strict limit. You cannot guarantee 6 Sigma reliability with this batch.

Next Step

To perform this statistical check accurately, you need to set your "Strict Internal Limits" (USL/LSL) distinct from the general ASTM limits.

To execute a **6 Sigma process** $C_{pk} \geq 2.0$

on the DMP Flex 350, broad ranges found in ASTM standards are not adequate. Required 6σ

Specification Limits for LaserForm Ti Gr5 (A)

1. Chemical Composition (ASTM F2924 / F3001 Base)

Goal: Minimize interstitials to maximize fatigue life and recycling cycles.

| Parameter | Standard ASTM Limit | Strict LSL (Lower) | Strict USL (Upper) | Rationale for Tightening |
|--------------|---------------------|--------------------|--------------------|---|
| Oxygen (O) | $\leq 0.20\%$ | 0.08% | 0.13% | Start low to allow for "pickup" during reuse. $>0.15\%$ risks embrittlement. |
| Nitrogen (N) | $\leq 0.05\%$ | 0.00% | 0.03% | High N alters β -transus temperature, affecting microstructure control. |
| Hydrogen (H) | $\leq 0.015\%$ | 0.00% | 0.010% | Critical to prevent Hydrogen Embrittlement porosity. |

| Parameter | Standard ASTM Limit | Strict LSL (Lower) | Strict USL (Upper) | Rationale for Tightening |
|---------------|---------------------|--------------------|--------------------|--|
| Aluminum (Al) | 5.50 – 6.75% | 5.75% | 6.50% | Tighter Al range stabilizes the α -phase hardness. |
| Vanadium (V) | 3.50 – 4.50% | 3.75% | 4.25% | Tighter V range stabilizes the β -phase (toughness). |

2. Particle Size Distribution (Laser Diffraction)

Goal: Ensure consistent packing density and layer thickness (30 – 60 μ m).

| Parameter | "Standard" Nominal | Strict LSL | Strict USL | Rationale for Tightening |
|--------------|--------------------|------------|------------|---|
| D10 (Fines) | ~20 μ m | 15 μ m | 22 μ m | <15: Dust/clumping risks. >22: Reduced packing density. |
| D50 (Mean) | ~35 μ m | 30 μ m | 40 μ m | The core volume must be centered to match laser spot size/melt depth. |
| D90 (Coarse) | ~50 μ m | 45 μ m | 55 μ m | >55: Risk of recoater streaks (scoring the bed). |
| Span | N/A | 0.0 | 0.9 | $(D90 - D10)/D50$, Lower span = more predictable melting. |

3. Morphology & Flow (The "Runability" Specification)

Goal: Prevent recoater jams on the DMP Flex 350 soft blade.

| Parameter | Standard | Strict LSL | Strict USL | Rationale for Tightening |
|-------------|-----------------|------------|------------|---|
| Hall Flow | ≤ 30 s/50g | 20 s | 25 s | DMP Flex is a high-speed system; sluggish powder causes layering defects. |
| Sphericity | N/A | 0.92 | 1.00 | Only highly spherical powder packs consistently enough for 6 σ . |
| Tap Density | N/A | 2.8 g/cc | N/A | High tap density indicates low internal porosity. |

Validating the above LSL/USL to 100 kg Batch

Validating it for 100 kg batch is truly "6 Sigma Quality," calculate the C_{pk} for the most critical attribute: **Oxygen Content**.

The Formula:

$$C_{pk} = \frac{\text{Strict USL} - \text{Batch Mean}(\mu)}{3 \times \text{Batch StdDev}(\sigma)}$$

Scenario A: The "False Pass" (Using ASTM Limits)

- *Batch Mean:* 0.14% (Decent, but not great)
- *Std Dev:* 0.01%
- *ASTM USL:* 0.20%
- $C_{pk} = \frac{0.20 - 0.14}{3(0.01)} = 2.0$
- *Result: PASSED.* But 0.14% is too high to recycle safely! This metric lies to you.

Scenario B: The "True 6σ Check" (Using Strict Limits)

- *Batch Mean:* 0.14%
- *Std Dev:* 0.01%
- *Strict USL:* 0.13%
- $C_{pk} = \frac{0.13 - 0.14}{3(0.01)} = -0.33$
- *Result: FAILED.* The batch is rejected because it exceeds the strict limit, saving you from a failed production run later.

Summary of Acceptance Criteria ($n = 6$ composite samples)

1. **Critical Failure:** Any single sample with Oxygen > 0.15% or Hall Flow > 28s → **Immediate Rejection.**
2. **Statistical Failure:** If calculated $C_{pk} < 1.33$ using "Strict Limits" → **Conditional Use** (Single use only, no recycling).
3. **6 Sigma Pass:** If calculated $C_{pk} \geq 2.0$ using "Strict Limits" → **Premium Batch** (Safe for critical rotating parts/aerospace).

Note: Catalogue for the quoted item should be enclosed with technical bid.

Chapter – 5

Price Schedule Forms

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MS Excel BOQ file has been provided in cover 2 of tender details uploaded against this tender ID. Bidders are requested to note that they should submit their bids in the xls. Format. Bidders should download the BOQ file, open it and complete the unprotected cells with their respective financial quotes and other detail. No other cells should be changed/modified. Once the detail has been completed bidder should save it and submit online, without changing the file name. If BOQ file is found to be modified by the bidder, their bid should be rejected.

The bidders are required to quote price for each item individually in the prescribed BOQ. The evaluation of financial bids will be carried out on item wise evaluation basis. The PO will be placed to the bidders quoting the lowest price bid (L1) for each item provided they meet the technical specifications.

Chapter -6

Pre-Qualification Criteria & Eligibility Criteria

| S.No | Qualification Requirement | Compiled/Agreed |
|-------------|---|------------------------|
| 1. | Vendors/supplier/manufacture/Indian agent should not be debarred/black listed by any government organization for any product. If the same is detected at any stage the contract will be terminated. | |
| 2. | Complete system consisting of all the ordered material should be supplied from one port of shipment. | |

CHAPTER -7

Contract Form

Contract No. _____ Date: _____

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

BETWEEN

- (07) 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
- (07) [*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:

07. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
02. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:
- (a) This Contract Agreement
 - (b) Special Conditions of Contract
 - € General Conditions of Contract
 - (d) Technical Requirements (including Schedule of Requirements and Technical Specifications)
 - € The Supplier’s Bid and original Price Schedules
 - (f) The Purchaser’s Notification of Award
 - (g) [*Add here any other document(s)*]
03. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.
04. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

05. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

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

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

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

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

in the presence of *[insert identification of official witness]*

For and on behalf of the Supplier
Signed: *[insert signature of authorized representative(s) of the Supplier]*
in the capacity of *[insert title or other appropriate designation]*

in the presence of *[insert identification of official witness]*

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Other Standard Forms
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| Sl. No. | Name | Annexure |
|----------------|--|-----------------|
| 01. | Bidder Information Form (to be enclosed with the technical bid) | 01. |
| 02. | Manufacturers' Authorization Form (to be enclosed with the technical bid) | 02 |
| 03. | Performance Statement Form (to be enclosed with the technical bid) | 03. |
| 04. | Deviation Statement Form (to be enclosed with the technical bid) | 04 |
| 05. | Service Support Detail Form (to be enclosed with the technical bid) | 05. |
| 06. | Bid Form (to be enclosed with the priced bid) | 06. |
| 07 | Bid Securing Declaration Form | 07 |
| 08 | Format for declaration by the Bidder for Code of Integrity & conflict of interest (On the Letter Head of the Bidder) | 08 |
| 09 | Format for Affidavit of Self Certification regarding Local Content in a R & D Equipment to be provided on Letter head. | 09 |
| 10 | Land Border Declaration undertaking | 10 |
| 11 | Price Certificate | 11 |
| 12 | Performance security form | 12 |
| 13 | Check List | 13 |
| 14 | Tender acceptance form | 14 |

Bidder Information Form

a) [The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted. This should be done of the letter head of the firm] Date: [insert date (as day, month and year) of Bid Submission] Tender No.: [insert number from Invitation for bids]

| |
|---|
| 1. Bidder's Legal Name [insert Bidder's legal name] |
| 2. In case of JV, legal name of each party: [insert legal name of each party in JV] |
| 3. Bidder's actual or intended Country of Registration: [insert actual or intended Country of Registration] |
| 4. Bidder's Year of Registration: [insert Bidder's year of registration] |
| 5. Bidder's Legal Address in Country of Registration: [insert Bidder's legal address in country of registration] |
| (l) 6. Bidder's Authorized Representative Information Name: [insert Authorized Representative's name] Address: [insert Authorized Representative's Address] Telephone/Fax numbers: [insert Authorized Representative's telephone/fax numbers] Email Address: [insert Authorized Representative's email address] |
| 7. Attached are copies of original documents of: [check the box(es) of the attached original documents] Articles of Incorporation or Registration of firm named in 1, above, in accordance with ITB Sub-Clauses 4.1 and 4.2. |

Signature and Seal of the
Service Provider /Bidder.....
Place:
Date:

Note: This Form is to be filled mandatorily & is to be submitted along with the technical bid, failing which tender shall be declared as non- responsive and rejected.

MANUFACTURERS' AUTHORIZATION FORM

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

Note: This Form is to be filled mandatorily & is to be submitted along with the technical bid, failing which tender shall be declared as non- responsive and rejected.

PERFORMANCE STATEMENT FORM

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

Signature and Seal of the manufacturer/Bidder

Place :

Date :

Note: This Form is to be filled mandatorily & is to be submitted along with the technical bid, failing which tender may be declared as non- responsive and rejected.

Annexure-IV

Technical Specification Compliance cum Deviation Statement Form

| Sr. No. | CSIR-AMPRI, Technical Specification (for detail specification please refer Chapter -4) | Vendor Quoted Specification | In case compliance supporting printed technical literature mentioning page no. Column & Line has also to be highlighted | Deviation to CSIR-AMPRI, Technical Specification if any | Reason for deviation | Special remarks , if any |
|---------|---|-----------------------------|---|---|----------------------|--------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |

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".
- 2) **This Form is to be filled mandatorily & is to be submitted along with the technical bid, failing which tender may be declared as non- responsive and rejected.**

SERVICE SUPPORT FORM

| Sl. No. | Nature of training Imparted | List of similar type of equipment serviced in the past 3 years | Address, Telephone Nos. , Fax Nos. and e-mail address |
|---------|-----------------------------|--|---|
| | | | |

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

Place :

Date :

Note: This Form is to be filled mandatorily & is to be submitted along with the technical bid, failing which tender may be declared as non- responsive and rejected.

Bid Form

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

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

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

Invitation for Bid No.: *[insert No of IFB]*

To: *[insert complete name of Purchaser]*

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: *[insert the number and issuing date of each Addenda];*
- (b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services *[insert a brief description of the Goods and Related Services];*
- (c) The total price of our Bid, excluding any discounts offered in item (d) below, is: *[insert the total bid price in words and figures, indicating the various amounts and the respective currencies];*

(d) The discounts offered and the methodology for their application are:

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

- (e) Our bid shall be valid for the period of time specified in ITB Sub-Clause 1.17.1 from the date fixed for the bid opening, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (f) If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 1.43 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]*

Note: This Form is to be filled mandatorily & is to be submitted along with the price bid, failing which tender may be declared as non- responsive and rejected.

Bid-Securing Declaration Form

Date: _____ Bid No. _____

To (insert complete name and address of the purchaser)

I/We. The undersigned, declare that:

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

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of one year from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We

(a) have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or

(b) having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i) fail or reuse to execute the contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

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

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

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

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

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

Corporate Seal (where appropriate)

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

Note: This Form is to be filled mandatorily & is to be submitted along with the technical bid, failing which tender may be declared as non- responsive and rejected.

Annexure-VIII

Format for declaration by the Bidder for Code of Integrity & conflict of interest

(On the Letter Head of the Bidder)

Ref. No: _____

Date _____

To,

(Name & address of the Purchaser)

Sir,

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

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

- a
- b
- c

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

Thanking you,

Yours sincerely,

Signature
(Name of the Authorized Signatory)
Company Seal

Note: This Form is to be filled mandatorily & is to be submitted along with the technical bid, failing which tender may be declared as non- responsive and rejected.

Format for Affidavit of Self Certification regarding Local Content in a R & D Equipment to be provided by the Manufacturer on Company's letterhead.

Date: _____

I /we/M/s. _____) _____ Name of the Bidder(hereby solemnly affirm and declare asunder:

That we meet the minimum local content for the goods and services offered vide our offer /bid No. _____ dated _____ as specified below:

Strike out which is not applicable

Class I Local Supplier with Local content of 50% and above

OR

Class II Local Supplier with Local content of 20% and above but less than 50%

That I will agree to abide by the terms and conditions of the policy of Government of India issued vide Notification–Public procurement (preference to Make in India) Order 2017 dt 15th June, 2017 and revised DIPP Order dated 16.09.2020

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

That the local content for all inputs which constitute the said equipment has been verified by me and I am responsible for the correctness of the claims made therein.

That in the event of the domestic value addition of the product mentioned herein is found to be incorrect and not meeting the prescribed value-addition norms, based on the assessment of an authority so nominated for the purpose of assessing the local content, action will be taken against me as per Order No. P-45021/2/2017/-E.E.-II dated 15.06.2017 and revised DIPP Order dated 16.09.2020

Details of Domestic value addition. **(Kindly Fill-up the below information)**

1. (Name of Equipment & its Domestic Manufacture.....)
2. The details of the location at which the local value addition is made.....
3. The proportionate value of local content in percentage with items detail.....

We are aware that the false declarations will be in breach of Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules (Govt.of India) for which we or our successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules alongwith such other actions as may be permissible under law.

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)

P.T.O.

Note for calculation of local content given above:

1. Authorized Dealers should obtain above certificate from Manufacturer and submit the same along with the bid.
2. Bidders offering imported products will fall under the category of Non-local suppliers. They can't claim themselves as Class-I local supplier / Class-II local supplier by claiming profit, warehousing, marketing, logistics, freight, insurance, installation, commissioning, training and after sales service support like AMC/CMCetc. as local value addition.
3. Imported items sourced locally from reseller/distributors shall be excluded from calculation of local content.
4. The license fees/royalties paid/technical charges paid out of India shall be excluded from local content calculation.
5. Procurement/supply of repackaged/refurbished/rebranded imported products as understood commonly shall be treated as reselling of imported products and shall be excluded from calculation of local content
6. For contracts involving supply of multiple items, weighted average of all items to be taken while calculating the local content
7. This Form is to be filled mandatorily & is to be submitted along with the technical bid, failing which tender may be declared as non- responsive and rejected.

LAND BORDER DECLARATION UNDERTAKING

Certificate regarding Restrictions on procurement, from a bidder of a country which shares a land border with India

(As per GOI, Ministry of Finance, Department of expenditure, Public Procurement Division Order (Public Procurement Order No.1) dated 23rd July 2020, any bidder from a country which shares a land border with India will be eligible to bid in the procurement only if the bidder is registered with the Competent authority specified in Annexure I of the Order)

Date: _____

I/We/M/s. _____ do hereby solemnly affirm and declare asunder:

1. That I have read the clauses regarding restrictions on procurement from a bidder of a country which shares a land border with India issued vide GOI Ministry of Finance, Department of expenditure, Public Procurement Division Order (Public Procurement Order No.1) dated 23rd July 2020.

2. I do hereby certify that, I/we (name and address of the bidder _____) is not sharing a land border with India.

OR

3. I do hereby certify that I/we ((name and address of the firm _____) is sharing a land border with India and is registered with the Competent Authority as specified in Annexure I of the GOI, Ministry of Finance, Department of expenditure, Public Procurement Division Order (Public Procurement Order No.1) issued vide F No.6/18/2019/PPD dated 23rd July 2020. and fulfils all requirements in this regard and is eligible to be considered for this procurement. The valid registration certificate issued by the Competent Authority is attached.

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)

Instructions for Bidders for Land Border sharing:

Clauses As per GOI, Ministry of Finance, Department of expenditure, Public Procurement Division Order (Public Procurement Order No.1) dated 23rd July 2020 for the Bidders

- I. Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority.
- II. “Bidder” (including the term ‘tenderer’, ‘consultant’ or ‘service provider’ in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, Participating in a procurement process.

P.T.O.

- III. “Bidder from a country which shares a land border with India” for the purpose of this Order means:-
- a. An entity incorporated, established or registered in such country; or
 - b. A subsidiary of an entity incorporated, established or registered in such a country; or
 - c. An entity substantially controlled through entities incorporated, established or registered in such a country; or
 - d. An entity whose beneficial owner is situated in such a country; or
 - e. An Indian (or other) agent of such an entity; or
 - f. A natural person who is a citizen of such a country; or
 - g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above
- IV. The beneficial owner for the purpose of (iii) above will be as under:
1. In case of a company or Limited Liability Partnership, the beneficial owner is the natural person (s), who, whether acting alone or together , or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.
Explanation—
 - a. “Controlling ownership interest” means ownership of or entitlement to more than twenty-five per cent. Of shares or capital or profits of the company;
 - b. “Control shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders agreement or voting agreements.;
 2. In case of partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together , or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profit of the partnership;
 3. In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profit of such association or body of individuals;
 4. Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official.
 5. In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or in ownership.
- V. An Agent is a person employed to do any for another, or to represent another in dealing with third person.

Note: This Form is to be filled mandatorily & is to be submitted along with the technical bid, failing which tender may be declared as non- responsive and rejected.

Annexure-XI

Price Certificate
(On the firm's letterhead)

“Certified that rates quoted are not higher than the rates quoted for the same / similar equipment / items charged to any other Govt. Organization /PSUs/CSIR Lab”

Seal & Signature of Bidder
Bidders name :
Address:

Note: This Form is to be filled mandatorily & is to be submitted along with the technical bid, failing which tender may be declared as non- responsive and rejected.

PERFORMANCE SECURITY FORM

MODEL BANK GUARANTEE FORMAT FOR PERFORMANCE SECURITY

To,
.....

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

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

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

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

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

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

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

(Signature of the authorized officer of the Bank)

.....
Name and designation of the officer

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

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

Annexure-XIII

Check list for OEM/Supplier/Authorized Indian Agent to be submitted along with Technical Bid

- Note:**
1. Indian Agent / OEM should go through the entire Tender Document for compliance enclosed with the Technical Bid
 2. Enclose Separate Annexures wherever asked for and number them serially.
 3. Acceptance of clause/condition is must for the bidder to qualify in the evaluation process.

| | | |
|-----|--|---|
| 1. | EMD /Bid Security / Bid Securing Declaration | DD / BG No. _____ valid for minimum 180 days. Submitted |
| 2. | Is the firm registered as ,MSE with CSIR Labs / Institutes, exempted from payment of bid security for the item / equipment manufactured by them. | Yes / No If yes, please specify the name of Deptt. and validity of such exemption order. Certified copy of valid registration may be enclosed. _____ |
| 3. | Performance Security (PBG) | 5% of the Contract value |
| 4. | Penalty clause for late delivery(including free items) and delay in installation of equipment | 0.5% per week - Agreed |
| 5. | Compliance to Pre-qualification/Eligibility criteria | Enclosed as Annexure _____ |
| 6. | Documents to be enclosed with Technical Bid | <ol style="list-style-type: none"> 1 .Bidder Information Form - Annexure_____ 2. Bid Securing Declaration Form – Annexure _____ 3. Service support details – Annexure _____ 4. Technical Compliance Cum Deviation Statement form, Annexure _____ 5. Performance Statement form -Annexure_____ 6. Manufacturer Authorization Form- Annexure _____ 7. Declaration abiding by the Code of Integrity and no conflict of interest for public procurement. 8. Schedule of Requirement (as per Chapter 3) – Annexure _____ 9. Qualification Requirement (As per Chapter 6) - Annexure_____ 7. Documentary evidence establishing that the bidder is eligible to bid and is qualified to perform the contract if its bid is accepted (Pl. refer tender clause no. 1.14) enclosed as Annexure _____ 8. Documents establishing goods eligibility and conformity to bidding documents (Pl. refer tender clause no. 1.15) enclosed as Annexure _____ 9. Format for Affidavit of Self Certification regarding Local Content in a R&D equipment to be provided on Rs.100/- Stamp Paper Annex_____ 10.Tender Acceptance form Annexure _____ 11.Land Border Declaration certificate._____ |
| 7. | Documents to be enclosed with Price / Financial Bid | <ol style="list-style-type: none"> 1. As per BOQ provided in MS Excel format _____ 2.Bid Form - enclosed as Annexure _____ |
| 8. | One Indian Agent can not represent two different Principals in one tender | Agreed and complied with condition |
| 9. | Validity of Bid | Minimum 120 days from the date of bid opening – Complied |
| 10. | Delivery Schedule a) For Indigenous Items | a) 90 days from the date of acceptance of order- Accepted |
| 11. | Period required for supply of material at the premises of CSIR-AMPRI | 30 Days from the date of receipt of P O - Accepted |
| 12. | Incidental Services | 1. Installation, Demonstration : The system will be installed and commissioned at CSIR-AMPRI specified site by the supplier Accepted |

| | | |
|-------|--|--|
| 13. A | Name of Manufacturer: Name of authorised Agent: | |
| | M/s. _____ | M/s. _____ |
| | Name of contact person _____ | Name of contact person _____ |
| | Address _____ | Address _____ |
| | Tel. /MB No _____ | Tel. /MB No _____ |
| | Email of Manufacturer: _____ | Email of Manufacturer: _____ |
| 13 B | After sales support and maintenance will be provided by M/s. _____ | |
| 14. | Agreeing for Payment | For Indigenous Supplier 100% on Bill basis after entire supply and installation & commissioning of the equipment & submission of Performance Bank Guarantee. No part payment or any other mode of payment shall be accepted . |
| 15. | Delivery Period , Penalty, qualifying criteria, Incidental Services | As per Tender - Agreed |
| 16. | GST | GST- as applicable- Noted and agreed |
| 17. | For indigenous supply rate quoted in Indian Currency: | Yes |
| 18. | Type of Bid Two Bid | Technical & commercial Price Bid is enclosed (BOQ) Technical Bid and Price Bid in BOQ ms xl format - Complied |
| 19. | Mode of Transport | For Indigenous supply : By Road |
| 20. | Agreed for entering into contract with CSIR-AMPRI as per the applicable stamp duty based on order value in case of award of contract. | Agreed |
| 21. | Agreed for payment of applicable stamp duty in case of award of contract | Agreed |
| 22. | Agreed for submission of acceptance certificate form on completion of satisfactory installation duly signed by user and supplier's authorized representative. | Agreed |
| 23. | Price certificate | "Certified that rates quoted are not higher than the rates quoted for the same / similar equipment / item charged to any other govt. organization / PSUs / CSIR Labs". |
| 24. | Rates quoted are inclusive of packing, forwarding, freight, transportation, insurance, charges, taxes etc. | Yes |
| 25. | Item / equipment do not fall within the restrictive list contained in the EXIM Policy | Yes / No (Strike out which is not applicable) |
| 26. | In case the item falls under the list of EXIM Policy, DGS&D enlistment certificate from Indian Agent should be submitted. | Yes / No / Not applicable (Strike out which is not applicable) |
| 27. | Supplier / Indian Agent shall bear the taxes / duties / levies outside India. | Agreed |
| 28. | Manufacturer Authorization Form (MAF) from manufacturer as per Tender Document Format enclosed as Annexure _____ | |
| 29. | Complete pre-requisites of equipment installation list enclosed as Annexure _____ (if not submitted, no additional cost other than cost quoted for equipment shall be paid by CSIR-AMPRI | |
| 30. | CERTIFICATE (to be typed on your letter head and signed) | |

| | |
|--|---|
| | <p>This is to Certify that ---</p> <p>All essential items / consumables have been included in FOR Price.</p> <p>No optional items have been included in the FOR Final Landing cost.</p> <p>Item quoted are non-hazardous and does not require any import license or any other License / permission from Government authorities e.g. AERB –</p> <p>Any rates are not quoted / indicated in Technical Bid</p> <p>All pages of e-bids initiated by the persons signing the bid: Sign all pages except un- printed literature.</p> <p>Bid is complete in all respect and documents / technical brochures attached along with the respective e-bids.</p> <p>Successful bidder will submit ordered confirmation /acceptance within 15 days of receipt of P.O.</p> <p>Supplier: Should liaise follow his Principal, and ascertain arrival of consignment in CSIR-AMPRI and present for opening and inspection of Consignment and installation of equipment: Any loss/demurrages sustained by CSIR-AMPRI due to late/delay on the part of Indian Agent/Principals shall be to the A/c of Indian Agent/Principal.</p> <p>Tender Opening will be represented by: Bidder authorized representative should give Authorization letter while attending tender opening</p> <p>Bid is signed</p> <p>Bidder is eligible to quote and submit quotation</p> <p>Bid validity is minimum 120 days from date of bid opening</p> <p>Quoted for goods manufactured by manufacturer who has given required authority letter to quote (MAF)</p> <p>P.B.G. will be submitted - 5% of the Contract value</p> <p>Goods quoted are not sub-standard</p> <p>q) Quoted specifications meet tendered technical specification</p> <p>r) Quoted entire requirement as per tender schedule of requirement /Technical Specification</p> <p>Agreed to all essential condition(s) incorporated in tender enquiry</p> <p>Supply of spares for at least 10 years after warranty period shall be maintained,- Free replacement of defective parts shall be made (without any cost/exemption certificate) during warranty period</p> |
|--|---|

Date:

Signature of Indian Agent / OEM / Principal Supplier

TENDER ACCEPTANCE LETTER
(To be given on Company Letter Head)

Date:

To,

Sub: Acceptance of Terms & Conditions of Tender,

Tender Reference No: _____

Name of

Tender/Work: _____

Dear sir,

1. I/we have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely:

_____ as per your advertisement, given in the above mentioned website(s).

2. I / we hereby certify that I / we have read the entire terms and conditions of the tender documents from Page no. _____ to _____ (including all documents like annexure(s), schedule(s), etc.), which form part of the contract agreement and I / we shall abide herby by the terms / conditions / clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/ organization too has also been taken into consideration, while submitting this acceptance letter.
4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document (s)/ corrigendum(s) in its totality /entirety.
5. I / We do hereby declare that our Firm has not been blacklisted / debarred by any Govt.
6. I / We certify that all information furnished by our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department /organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours faithfully,

Seal & Signature of the Bidder,

Note: This Form is to be filled mandatorily & is to be submitted along with the technical bid, failing which tender may be declared as non- responsive and rejected.