



वै.औ.प - भारतीय पेट्रोलियम संस्थान
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद)
देहरादून 248005

CSIR – INDIAN INSTITUTE OF PETROLEUM
(COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH)
DEHRADUN – 248 005 Uttarakhand
Telephone: 0135 – 2525762, 2525945, 2525754
e-mail: cosp@iip.res.in, rawats@iip.res.in ,

TENDER DOCUMENT

FOR

SUPPLY OF HIGH PRESSURE MICRO REACTOR at CSIR-IIP,DEHRADUN

INVITATION FOR BIDS / NIT

महोदय / महोदया
Sirs / Madam

Sub: Quotation for procurement of **High Pressure Micro Reactor**

निदेशक, सीएसआईआर- **भारतीय पेट्रोलियम संस्थान**, देहरादून - 248005, भारत, इसमें इसके पश्चात क्रेता के नाम से जाना जाएगा, नीचे सूचीबद्ध मदों के क्रय के लिए इच्छुक है। कृपया को **24.11.2020, १५०० घंटे (भा.मा.स)** को या इससे पूर्व, इटीएनडीआईआरएस.जीओवी.आइएन पर ऑनलाईन कोटेशन जमा करें।

Director, CSIR-INDIAN INSTITUTE OF PETROLEUM, DEHRADUN-248005, UTTRAKHAND, INDIA herein after called as the 'Purchaser' is interested in the purchase of below mentioned material (s). Kindly submit quotation online at etenders.gov.in on or before **24.11.2020 1500hrs (IST) on .**

क्रमांक Sl..No.	सामग्री-विवरण Description of items	मात्राQuantity
	High Pressure Micro Reactor As per Chapter 4	01

बोलीजमाकरनेकीअंतिमतारीख **24.11.2020**को **१५००घंटे(भा.मा.स)** तक
Last Date for submission : **24.11.2020 up to 1500 hrs. (IST)**

बोलीखोलेजानेकीतारीख **25.11.2020, १५०० घंटे (भा.मा.स)**
Date of Opening : **25.11.2020,1500 hrs. (IST)**

निबंधनऔर शर्तें**TERMS AND CONDITIONS**

1. कोटेशन क्रेतक द्वारा दिये गए प्रपत्र मे ही होना चाहिए और शोधन और कांटे-छांटे से मुक्त होना चाहिए। परिहार शोधन / कांटे-छांटे होने पर, वह ठीक से संशोधित होना चाहिए। ऐसे होने पर कोटेशन मंजनीय नहीं होगा। हस्तलिखित कोटेशन मंजनीय नहीं होगा।

The quotation must be in the form furnished by the Purchaser and should be free from corrections/erasures. In case there is any unavoidable correction it should be properly attested. If not the quotation will not be considered. Hand written Quotations will not be considered.

2. आपकी बोलियाँ

It may kindly be noted that your bid should

- एकल बोली होनी चाहिए
be in **single-part-two part**
- केस अरू. की बोली प्रतिभूति सुरक्षा होनी चाहिए
accompany Bid Securing Declaration Form: Yes
- आपके पक्ष में नुबंध होने पर, आश्चर्य के पक्ष में दो महीने की वधि के लिए, आपके द्वारा निषादन बैंक प्रत्यक्ष प्रति जमा करनी होगी।
on the event of award of Contract in your favour, you need to submit a Performance Bank Guarantee valid for a period of 2 Months beyond the Warranty period of 12 months plus delivery time.

3. कोटेशन जमा करने की निम्न विधियाँ होंगी:

- भेजे गए प्रत्येक कोटेशन को युग्मित लिफाफों में निदेशक, वै.ओ.प., भा. पे. सं., देहरादून भारत को प्रेषित होनी चाहिए।
- व्यक्तिगत रूप से जमा किए जाने वाले कोटेशन **नियंत्रक भंडार एवं कय** के कार्यालय में रखी हुई टेंडर बक्स में डाली जायेंगी।
- सभी बोलियाँ केवल ऑनलाइन **इटीइएनडीइआरएस.जीओवी.आइ.एन** प्रस्तुत की जाएंगी।

The mode of submission of tender will be as follows:

- ~~Each quotation sent by post / courier is to be enclosed in double cover addressed to The Director, C.S.I.R .I.I.P, Dehradun, Uttarakhand, India.~~
- ~~Quotations delivered personally should be put in the tender box kept in the office of The Controller of Stores and Purchase, C.S.I.R .I.I.P, Dehradun, Uttarakhand, India.~~
- All bids to be submitted online through **etenders.gov.in** only

4. कोटेशन की स्वीकृति पै.औ.अ.प- भा. पे. सं, देहरादून , भारत के सक्षम प्राधिकारी की होगी, जो की निम्नतम कोटेशन की स्वीकृति के लिए बाध्य नहीं होगा और बिना कोई कारण बताए सभी पाकिसी को भी अस्वीकृत करने का आंशिक रूप से स्वीकृत करने का अधिकार रखता है।
The acceptance of the quotation will rest with the competent authority of **C.S.I.R-I.I.P, Dehradun, Uttarakhand, India** who does not bind himself to accept the lowest quotation and reserves the right to himself to reject, or partially accept any or all the quotations received without assigning any reason.
5. बोली में बताई गई कीमतें निम्न होनी चाहिए और कोटेशन खोले जाने की तारीख से न्यूनतम **180 दिनों** के लिए वैध होनी चाहिए।
Price quoted should be net and valid for a minimum period of 180 **days** from the date of opening of the quotation.
- ~~6. इस निविदा में भागीदारी केवल आमंत्रण द्वारा है और केवल केवल निम्नलिखित जीकृत आपूर्तिकर्ताओं तक ही सीमित है। अनचाहे ऑफर को अनदेखा किया जा सकता है। हालांकि, भविष्य में ऐसे निविदाओं में भाग लेने की प्रत्येक आपूर्तिकर्ता को खरीदार के नोटिस में लाया जा सकता है और प्रक्रिया के अनुसार जीकरण के लिए आवेदन कर सकते हैं। यह ध्यान दिया जाना चाहिए कि बिना हस्ताक्षर किए गए निविदाओं पर विचार नहीं किया जाएगा।~~
~~Participation in this tender is by invitation only and is limited to the selected Purchaser's registered suppliers (refer to eligible bidders in INSTRUCTION TO BIDDERS). Unsolicited offers are liable to be ignored. However, suppliers who desire to participate in such tenders in future may bring it to the notice of the purchaser and apply for registration as per procedure. It may be noted that Conditional / Unsigned tenders shall not be considered.~~
7. बोली दाता द्वारा **टीएनडीआरएस.जीओपी.आएन** में दिए गए बीओ क्यू / निविदा दस्तावेज में दिए गए प्रपत्रानुसार मूल्य अनुसूची प्रस्तुत करना होगा।
The bidder must submit the applicable Price Schedule Form as annexed to the **BOQ in etenders.gov.in / Tender Document**.
8. कोट करते समय सम्पूर्ण निर्देश के साथ निर्माता का नाम पता दिया जाना चाहिए। जहाँ भी लागू हो साहित्य / ब्रोशर / पम्पलेट / तकनीकी डाटाशीट / ड्राइंग संलग्न होने चाहिए।
Complete specifications with manufacturer's Name and address should be given while quoting. Literature / brochures / pamphlets / technical data sheets / drawings must be enclosed with the quotation wherever applicable.
9. उद्धृत मूल्य, पंकांरी में उल्लिखित पंकाई में ही होनी चाहिए। कोटेशन अन्य पंकाई में दी जाने पर, दोनो पंकाईओं के बीच के संबंध भी बताएं। मात्रात्मक घूट, यदि हो तो उल्लिखित करें। मदों को हमारे कोटेशन के लिए निपेदनानुसार क्रमांकित कर उद्धृत करें।
Prices are required to be quoted in units indicated in the enquiry. When quotations are given in terms of other units, relationship between two sets of units should be furnished. Quantity discounts, if any should also be indicated. The items should be quoted indicating the serial No. of our RFQ.

10. The bidder must

1. Quote of currency must be Indian Rupee only

2. Comply with Make in India Order No. no.P-45021/2/2017-PP (BE-II) dated 16th September 2020 of Ministry of Commerce and Industry, Government of India and any amendments thereon.

3. Comply with OrderNo.P-45021/112/2020-PP(BE-II)(E-43780) dated 24.08.2020 of Ministry of Commerce and Industry, Department for Promotion of Industry and Internal Trade and any amendments thereon.

11. This lab./Instt. is registered with Dept. of Scientific & Industrial Research, Govt. of India and GST & IGST are leviable vide Notification No.47/2017-Integrated Tax (Rate) and Notification No.45/2017-Central Tax (Rate) both dated 14th November, 2017.

12. प्रेषण / ढुलाई का माध्यम **हवाई / सामुद्रिक / रेल / सडक** ही होगा।

The mode of dispatch/transportation of the items must be by **Air/ ~~Sea~~/Rail/Road** only.

13. मदों की आपूर्ति के लिए जरूरी सुपुर्दगी □ वधि का कोटेशन मे निरपवाद उल्लेख होना चाहिए। ऑर्डर दिए जाने पर प्रस्तुत सुपुर्दगी □ वधि का सख्ती से पालन करना होगा।

Delivery period required for supplying the material should be invariably specified in the quotation. The offered delivery period shall have to be strictly adhered to in case an order is placed.

14. देरी के लिए परिनिर्धारित नुकसानी धारा : निविदा दस्तावेज में □ नुबंध की सामान्य शर्तों की धारा २.२७ □ नुसार

Liquidated Damages Clause for delays: As per clause 2.27 of GCC in the tender document.

15. यदि आपूर्ति समय पर नहो और इस वजह से आपके जोखिम पर क्रेता □ न्य कहीं से सामग्री खरीदने के लिए बाध्य होता होने पर, जो हानि और नुकसान होगी, उसे दोषी विक्रेता से बरामद किया जाएगा।

If the deliveries are not maintained and due to that account the purchaser is forced to buy the material at your risk and cost from elsewhere, the loss or damage that may be sustained there by will be recovered from the defaulting supplier.

16. सभी आपूर्तियाँ स्वीकृति से पूर्व निरीक्षण और □ नुमोदन पर आश्रित है। जहाँ कहीं भी लागू हो निर्माता की आश्वस्ति प्रमाणपत्र और निर्माता / सरकार □ नुमोदित प्रयोगशाला की निरीक्षण प्रमाणपत्र आपूर्ति के साथ प्रस्तुत करें।

All supplies are subject to inspection and approval before acceptance. Manufacturer warranty certificates and manufacturer/Government approved lab test certificate shall be furnished along with the supply, wherever applicable.

17. लागूनियम / अधिनियम / कानूनकेप्रावधानानुसारआ.क / वसेकस्त्रोतपरकरकटौतीवसूलाजाएगा।
IT / GST -TDS would be recovered as per applicable rule / regulations / provisions of law.
18. कृपया कोटेशन में पना स्लेस और व.से.क संख्या का उल्लेख करें।
Kindly furnish your PAN & GST Number etc. in your quotation for our records.
19. Our normal payment terms are as mentioned in G.C.C and S.C.C
20. सभी विवाद केवल देहरादून क्षेत्राधिकार की दालतों में सुलझाए जाएंगे। विवरण सा.शके धारा २.३२ में उपलब्ध है।
All disputes shall be settled in the courts of **Dehradun** Jurisdiction only. Details available under clause 2.32 of GCC as given in tender document.
21. निविदाकी शर्तें (धोमुखपरमुद्रित), यदि कोई हो, या निविदाके संगभेजी गई हो तो, हम पर बाध्य नहीं होगा।
Tender conditions (printed on the reverse), if any, or otherwise sent along with the tender shall not be binding on us.
22. उपरोक्त सभी नुदेश और हमारे सामान्य निबंधन और शर्तों का नुपालन करना होगा जिसके न होने पर आपका प्रस्ताव स्वीकार किया जा सकता है।
All the above instructions and our standard terms and conditions must be complied failing which your offer may be liable for rejection.
23. Purchase Preference to Micro and Small Enterprises (MSEs) and Purchase Preference linked with MAKE IN INDIA Order shall be applicable subject to full compliance of other terms and conditions of the RFQ / NIT and Contract, as per Government of India procurement policies.

The purchaser intends to give purchase preference to:

1. Make in India (as per Order no.P-45021/2/2017-PP (BE-II) dated 16th September 2020 of Ministry of Commerce and Industry, Government of India. The preference to Public Procurement (Preference to Make in India) Order 2012" shall be subject to meeting technical specifications and full compliance of other terms and conditions of the RFQ / NIT and Contract.

2. Products / goods manufactured by micro and small enterprises as per MSE order 2012 and any amendments thereon. If the bidder wants to avail the Purchase preferences, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the preview of public procurement policy for micro and small enterprises. In respect of bid for services, the bidder must be the service provider of the offered service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. The aforesaid Policy is meant for procurement of only goods produced and

Services rendered by MSEs and not for any trading activities by them. An MSE unit will not get any Purchase Preference over any other MSE Unit.

In case a bidder is eligible to seek benefit under Purchase PP- MAKE IN INDIA policy as well as PPP for MSE 2012, then the bidder should categorically seek benefits against only one of the two policies i.e. either MAKE IN INDIA OR MSE policy in BID FORM. The option once exercised cannot be modified subsequently.

Purchase preference benefits shall be extended to the bidder based on the declared option subject to the bidder meeting the requirements contained in that purchase preference policy.

24. भंडार एवं क्रय प्रभाग से उद्भवित, ओपन निविदा पर लागू, बोलीदाताओं के लिए निर्देश, □ नुबंध की सामान्य शर्तें, टेंडर शीर्षकित हत हमारे वेबसाइट सीईसीआरआई.आरईएस.आइएन पर या टेंडर दस्तावेज पर देख सकते हैं।

Instruction to Bidders, General Conditions of Contract applicable to open tenders originating from S&P division along with different formats can be viewed on our website cecri.res.in under the head tenders or in tender document.

25. Site visit: The engineers from the prospective bidder can visit the site CSIR-IIP, Dehradun on any working day (Saturday, Sunday are holidays including any other holiday of Government of India) during working hours between 9.30 a.m. to 12.30 p.m. and 1.30 p.m. to 5.00 p.m. IST. The contact person for site visit is Dr A Selvamani, CCD Division at CSIR-IIP, Dehradun.

कृते वैज्ञानिक और औद्योगिक अनुसंधान परिषद

नियंत्रक भंडार एवं क्रय
Controller of Stores & Purchase

□ नुक्रमणिका**INDEX**

<u>अध्याय</u> Chapter	<u>अंतर्वस्तु</u> Content
1	बोलीदाताओंकेलिएअनुदेश Instructions to Bidders
2	संविदाकीशर्तें Conditions of Contract
3	अपेक्षाओंकीअनुसूची Schedule of Requirements
4	विनिर्देशनऔरमिश्रिततकनीकीब्योरे Specifications and Allied Technical Details
5	मूल्यअनुसूचीप्रपत्र Price Schedule Forms
6	योग्यतासंबंधीअपेक्षाएं Qualification Requirements
7	संविदाप्रपत्र Contract Form
8	अन्यप्रपत्र Other Forms

CRITICAL DATE SHEET

क्रमांक Sl. No.	प्रक्रमStage	दिनांकऔरसमयDate & Time
1.	प्रकाशनकादिनांकऔरसमय Publish Date & Time	29.10.2020 1800hrs IST
2.	दस्तावेजविक्रय / डाउनलोडकाप्रारंभदिनांकऔरसमय Sale /document Download Start Date & Time	29.10.2020 1800hrs IST
3.	संदेह / सवालपूछनेकीअंतिमदिनांकऔरसमय Last Date & time for receipt of queries	NOT APPLICABLE
4.	बोलीपूर्वसम्मेलन, यदिहो Pre-bid Conference, if any	NOT APPLICABLE
5.	बोलीजमाकरनेकीप्रारंभिकदिनांकऔरसमय Bid Submission Start Date & time	29.10.2020 1800hrs IST
6.	बोलीजमाकरनेकीअंतिमदिनांकऔरसमय Bid Submission End Date & Time	24.11.2020 1500hrs IST
7.	बोलीखोलेजानेकीदिनांकऔरसमय Bid Opening Date & Time	25.11.2020 1500 HRS IST

TENTATIVE TIME SCHEDULE OF PROCUREMENT PLANNING

क्रमांकSl. No	प्रक्रमStage	संभावितसमयसीमा Tentative Time Frame
1.	बोलीखोलेजानेकीदिनांक Date of Bid Opening	25.11.2020 1500HRS IST
2.	बोलीकेमूल्यांकनसमाप्तिकीदिनांक Date of Completion of Bid Evaluation	25.11.2020 1500 HRS IST + 45days
3.	अधिनिर्णयकीअधिसूचना Notification of Award	25.11.2020 1500 HRS IST + 90days

अध्याय 1**CHAPTER – 1****बोलीदाताओंकेलिएअनुदेश
INSTRUCTIONS TO BIDDERS****विषय-तालिका
Table of Contents**

क्रमांक Sl. No.	अंतर्वस्तु CONTENTS
A. Introduction	
1.1	पात्र बोली दाता Eligible Bidders
1.2	बोलीकीकीमतCost of Bidding
1.3	सार्वजनिक खरीद के लिए सत्यनिष्ठा संहिता Code of Integrity for Public Procurement
B. The Bidding Document	
1.4	निविदादस्तावेजोंकीकीमत Cost of Tender Documents
1.5	निविदादस्तावेजोंकीविषय-वस्तु Content of Tender Documents
1.6	निविदादस्तावेजोंकास्पष्टीकरण Clarification of Tender documents
1.7	निविदादस्तावेजोंमेंसंशोधनAmendment of Tender Documents
C. Preparation of Bids	
1.8	बोलीकीभाषा Language of Bid
1.9	खरीदअधिमाननीति Purchase Preference Policies
1.10	बोलीकदस्तावेज Documents Comprising the Bid
1.11	बोलीप्रपत्रऔरमूल्यअनुसूची Bid form and price schedule
1.12	बोलीकमूल्य Bid Prices
1.13	बोलीकीमुद्राएंBid Currencies
1.14	बोलीदाताओंकीपात्रताऔरयोग्यताओंकोप्रमाणितकरनेवालेदस्तावेज Documents Establishing Bidder's Eligibility and Qualifications
1.15	मालकीपात्रताऔरबोलीदस्तावेजोंकीअनुरूपताकोप्रमाणितकरनेवालेदस्तावेज Documents Establishing Goods' Eligibility and Conformity to Bidding Documents
1.16	बोलीप्रतिभूति Bid Security
1.17	बोलियोंकीवैधताअवधि Period of Validity of Bids
1.18	बोलीकाफॉर्मेटऔरबोलीपरहस्ताक्षर Format and Signing of Bid

D. Submission and Sealing of Bids	
1.19	बोलियांप्रस्तुतकरना,सिलबंदकरनाऔरअंकितकरना Submission, Sealing and Marking of Bids
1.20	बोलियांप्रस्तुतकरनेकीसमय-सीमा Deadline for Submission of Bids
1.21	विलंबितबोलियां Late Bids
1.22	बोलियांवापसलेना,प्रातिस्थापितकरनाऔरआशोधितकरना Withdrawal, substitution and Modification of Bids
E. Opening and Evaluation of Bids	
1.23	खरीदारद्वाराबोलियांखोलाजाना Opening of Bids by the Purchaser
1.24	गोपनीयताConfidentiality
1.25	बोलियोंकास्पष्टीकरण Clarification of Bids
1.26	प्रारंभिकजांचPreliminary Examination
1.27	अस्वीकृतिकोप्रश्नगतकरनेकाबोलीदाताकाअधिकारBidders right to question rejection
1.28	बोलियोंकीअनुक्रियाशीलता Responsiveness of Bids
1.29	अननुरूपता,भूलऔरलोप Non-Conformity, Error and Omission
1.30	निबंधनऔरशर्तोंकीजांच, तकनीकीमूल्यांकन Examination of Terms & Conditions, Technical Evaluation
1.31	एकलमुद्रामेंपरिवर्तन Conversion to Single Currency
1.32	बोलियोंकामूल्यांकनऔरउनकीतुलना[Evaluation and Comparison of bids
1.33	खरीदारसंपर्ककरना>Contacting the Purchaser
1.34	उत्तर-योग्यताPost qualification
F. Award of Contract	
1.35	परक्रामणNegotiations
1.36	अवार्डमानदंड Award Criteria
1.37	विकल्पखंड Option Clause
1.38	अवार्डकरतेसमयमात्राओंमेंअंतरकरनाखरीदारकाअधिकार Purchaser's right to vary Quantities at Time of Award
1.39	किसीबोलीकोस्वीकारकरनाऔरकिसीबोलीयासभीबोलियोंकोअस्वीकारकरनाखरीदारकाअधिकार Purchaser's right to accept any Bid and to reject any or all Bids
1.40	अवार्डकीअधिसूचनाNotification of Award
1.41	संविदापरहस्ताक्षरकरनाSigning of Contract
1.42	आर्डरस्वीकृतकरना Order Acceptance
1.43	निष्पादनप्रतिभूतिPerformance Security
1.44	प्रीबिडकांफ्रेंस Pre Bid Conference
1.45	ऑनलाइनबोलीप्रस्तुतकरनेकेलिएनिर्देश Instructions for Online Bid Submission

अ. प्रस्तावना**A Introduction****1.1. पात्रबोलीदाताEligible Bidders**

1.1.1 This Invitation for Bids is open to all suppliers subject to para 23 of the invitation to bids and clause 1.1.7 through 1.1.11 of ITB.

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 partner ship 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) shares shall be held by SC/ST promoters.

Document in support of claim must be submitted along with the bid.

1.1.4 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.

1.1.5 Bids from Joint Ventures, Consortium or Associations so long as they are formed and registered prior to the bid submission date.

1.1.6 The bidders who have been temporarily suspended or removed from the list of registered suppliers by the purchaser or banned from Ministry/country wide procurement shall be ineligible for participation in the bidding process.

1.1.7 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 (Registration Committee as constituted by Department of Promotion of Industry and Internal Trade) and submits a valid registration Certificate. (please refer to Order no.6/18/2019-PPD dated 23 July 2020 and any amendments thereon.)

1.1.8 "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 judicial person not falling in any of the descriptions of bidder stated hereinbefore, including any agency branch or Officer controlled by such person, participating in a procurement process.

1.1.9 "Bidder from a country which shares a land border with India" for the purpose of this order

means:

- I. An entity incorporated, established or registered in such a country; or
- II. A subsidiary of an entity incorporated, established or registered in such a country; or
- III. An entity substantially controlled through entities incorporated, established or registered in such a country; or
- IV. An entity whose beneficial owner is situated in such a country; or
- V. An Indian (or other) agent of such an entity; or
- VI. A natural person who is a citizen of such a country; or
- VII. A consortium or joint venture where any member of the consortium or joint venture fails under any of the above

1.1.10 The beneficial owner for the purpose of above will be as under

- I. 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 judicial person, has a controlling ownership interest or who exercise control through other means.
Explanation -
 - a) "Controlling ownership interest" means ownership of a or entitlement to more than twenty-five percent of shares or capital or profits of the company;
 - b) "Control" shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements.
- II. In case of a partnership firm, the beneficial owner is the natural persons(s) who, whether acting alone or together, or through one or more judicial person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;
- III. 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 judicial person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;
- IV. 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;
- V. In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.

1.1.11 An agent is a person employed to do any act for another, or to represent another in dealings with third person.

1.1.12 Eligibility with respect to Make In India

(a) In procurement of all goods, services or works in respect of which the Nodal Ministry I Department has communicated that there is sufficient local capacity and local competition, only 'Class-I local supplier', as defined under the Order no.P-45021/2/2017-PP (BE-II) dated 16th September 2020 of Ministry of Commerce and Industry, Government of India, shall be eligible to bid irrespective of purchase value.

(b) Only 'Class-I local supplier' and 'Class-II local supplier', as defined under the

Order, shall be eligible to bid in procurements undertaken by procuring entities, except when Global tender enquiry has been issued. In global tender enquiries, 'Non-local suppliers' shall also be eligible to bid along with 'Class-I local suppliers' and 'Class-II local suppliers'. In procurement of all goods, services or works, not covered by sub- para 3(a) of Order no.P-45021/2/2017-PP (BE-II) dated 16th September 2020 of Ministry of Commerce and Industry, Government of India, and with estimated value of purchases less than Rs 200 Crore, in accordance with Rule 161(iv) of General Finance Rules, 2017, Global tender enquiry shall not be issued except with the approval of competent authority as designated by Department of Expenditure.

1.2 बोलीकीकीमत 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 soon.
- 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 suo moto proactively declare any conflicts of interest (coming under the definition mentioned above – pre- existing or as and as soon as these arise at any stage) in any procurement process or execution of contract. Failure to do so would amount to violation of this code of integrity; and
- ii) The bidder must declare, whether asked or not in a bid document, any previous transgressions of such a code of integrity with any entity in any country during the last three years 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. Similarly, voluntary reporting of previous transgressions of Code of Integrity elsewhere may be evaluated and barring cases of various grades of debarment, an alert watch may be kept on the bidder’s actions in the tender and subsequent contract.

1.3.4 Punitive Provisions

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

- i) **If his bids are under consideration in any procurement:**
 - a) Forfeiture or encashment of bid security;
 - 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 निविदादस्तावेजोंकीकीमत Cost of Tender Documents

- 1.4.1 The bidding documents are available to bidders as indicated in the Invitation for Bids/NIT, free of cost.

1.5 निविदादस्तावेजोंकीविषय-वस्तु Content of Tender Documents

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

Chapter 1: Instructions to Bidder (ITB)

Chapter 2: General Conditions of Contract (GCC) and Special Condition of Contract (SCC)

Chapter 3: Schedule of Requirements

Chapter 4: Specifications and Allied Technical Details

Chapter 5: Price Schedule Forms

Chapter 6: Qualification requirements

Chapter 7: Contract Form

Chapter 8: Other Standard Forms comprising:

Sl. No.	Name
01.	Bidder Information Form
02.	Manufacturers' Authorization Form
03.	Bid Security Form
04.	Bid Securing Declaration.
05.	Performance Statement Form
06.	Deviation Statement Form
07.	Service Support Detail Form
08.	Bid Form
09.	Performance Security Form
10.	Acceptance Certificate Form
11.	Integrity Pact
12.	Format of declaration of abiding by the code of integrity and conflict of interest to be submitted by the bidder.
13	Price Schedule
14	Bank Guarantee form for advance payment
15.	Format of Affidavit of self-certification regarding domestic value addition
16	Format of Certificate to be provided by bidder in case of subcontracting.
17	Format of self declaration to be provided by bidder

- 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 in advance before the due date of opening. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under Clause relating to amendment of Bidding 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 निविदादस्तावेजोंमेंसंशोधन 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 on etenders.gov.in 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 and on etenders.gov.in.

C. PREPARATION OF BIDS

1.8. बोली की भाषाLanguage 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 खरीद अधिमान नीति Purchase Preference Policies:

A. Purchase Preference Policy in respect of MSEs

- 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 Micro and Small enterprises and disadvantaged sections of the society and to address environmental concerns along with preferential market access in govt. procurements.
- 1.9.2 A bidder in the category of Micro and Small Enterprises (to be supported by valid documents – to be uploaded along with technical bid), qualifying for price-bid and quoting price within price band of L1+15 percent 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 Micro and Small Enterprise shall be allowed to supply upto 25 percent of the total tendered value (ratio of non-MSME and MSME will be 80:20).
- 1.9.3 In case more than one such Micro and Small Enterprise, the supply shall be shared proportionately.
- 1.9.4 If the lowest is MSME then the entire order will be finalized on L1.

B. Purchase Preference Policy in respect of Make in India

- (a) Subject to the provisions of Order no.P-45021/2/2017-PP (BE-II) dated 16th September 2020 of Ministry of Commerce and Industry, Government of India 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 entities in the manner specified here under.
- (b) In the procurements of goods or works, which are covered by para 3(b) of Order no.P-45021/2/2017-PP (BE-II) dated 16th September 2020 of Ministry of Commerce and Industry, Government of India above and which are divisible in nature, the 'Class-I local supplier' shall get purchase preference over 'Class-II local supplier' as well as 'Non-local supplier', as per following procedure.

- 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 a 'Class-I local supplier', 50% of the order quantity shall be awarded to L1. Thereafter, the lowest bidder among the 'Class-I local supplier' will be invited to match the L1 price for the remaining 50% quantity subject to the Class-I local supplier's quoted price falling within the margin of purchase preference, and contract for that quantity shall be awarded to such 'Class-I local supplier' subject to matching the L1 price. In case such lowest eligible 'Class-I local supplier' fails to match the L1 price or accepts less than the offered quantity, the next higher Class-I local supplier within the margin of purchase preference shall be invited to match the L1 price for remaining quantity and so on, and contract shall be awarded accordingly. In case some quantity is still left uncovered on Class-I local suppliers, then such balance quantity may also be ordered on the L1 bidder.

(c) In the procurements of goods or works, which are covered by para 3(b) Order no.P-45021/2/2017-PP (BE-II) dated 16th September 2020 of Ministry of Commerce and Industry, Government of India and which are not divisible in nature, and in procurement of services where the bid is evaluated on price alone, the 'Class-I local supplier' shall get purchase preference over Class-II local supplier' as well as 'Non-local supplier', as per following procedure.

i. Among all qualified bids, the lowest bid will be termed as L1. If L1 is 'Class-I local supplier', the contract will be awarded to L1.

ii. If L1 is not 'Class-I local supplier', the lowest bidder among the 'Class-I local supplier', will be invited to match the L1 price subject to Class-I local supplier's quoted price falling within the margin of purchase preference, and the contract shall be awarded to such 'Class-I local supplier' subject to matching the L1 price.

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 and so on and contract shall be awarded accordingly. In case none of the 'Class-I local supplier' within the margin of purchase preference matches the L1 price, the contract may be awarded to the L1 bidder.

(d) "Class-II local supplier" will not get purchase preference in any procurement, undertaken by procuring entities.

1.9.5 Purchase Preference to Micro and Small Enterprises (MSEs) and Purchase Preference linked with MAKE IN INDIA Order shall be applicable subject to full compliance of other terms and conditions of the RFQ / NIT and Contract. As per Government of India procurement policies.

The purchaser intends to give purchase preference to :

1. Make in India (as per Order no.P-45021/2/2017-PP (BE-II) dated 16th September 2020 of Ministry of Commerce and Industry, Government of India. The preference to Public Procurement (Preference to Make in India) Order 2012" shall be subject to meeting technical specifications and full compliance of other terms and conditions of the RFQ / NIT and Contract.

2. Products / goods manufactured by micro and small enterprises as per MSE order 2012 and any amendments thereon. If the bidder wants to avail the Purchase preferences, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the preview of public procurement policy for micro and small enterprises. In respect of bid for services, the bidder must be the service provider of the offered service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. The aforesaid Policy is meant for procurement of only goods produced and Services rendered by MSEs and not for any trading activities by them. An MSE unit will not get any Purchase Preference over any other MSE Unit.

In case a bidder is eligible to seek benefit under Purchase PP- MAKE IN INDIA policy as well as PPP for MSE 2012, then the bidder should categorically seek benefits against only one of the two policies i.e. either MAKE IN INDIA OR MSE policy in BID FORM. The option once exercised cannot be modified subsequently.

Purchase preference benefits shall be extended to the bidder based on the declared option subject to the bidder meeting the requirements contained in that purchase preference policy.

1.9.6 For price matching opportunities and distribution of quantities among bidders (bidder's option to avail any one out of two applicable purchase preference policies, i.e., MAKE IN INDIA 2020 or PPP-2012 will be considered), the precedence shall be in the following order:

1 Public Procurement Policy for MSE 2012

2 Purchase Preference MAKE IN INDIA 2020

1.10. बोली के दस्तावेज़ Documents Comprising the Bid

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

A. Technical bid

- (a) Bidder Information Form;
- (b) Declaration abiding by the Code of Integrity and no conflict of interest for public procurement;
- (c) Bid security as specified in the Invitation to Bids;
- (d) Service support details form;
- (e) Deviation Statement Form;
- (f) Performance Statement Form;
- (g) Manufacturer's Authorization Form along with a certified copy of the Agency Agreement between the bidders and the Indian Agent.
- (h) Documentary evidence establishing that the bidder is eligible to bid and is qualified to perform the contract if its bid is accepted;
- (i) Documents establishing goods eligibility and conformity to bidding document; indicating the Indian Customs Tariff Number (ICT & HSN No.)
- (j) Self certification that the item offered meets the minimum local content as *per class of supplier* and shall give 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*. The certification will be done by the authorised signatory as envisaged by the Order no.P-45021/2/2017-PP (BE-II) dated 16th September 2020.
- (k) Bill of materials showing all the part numbers, detailed specifications with quantities of all items individually.
- (l) MSE CERTIFICATE IF APPLICABLE.
- (m) Valid Registration Certificate for Bidders as per order no. P-45021/112/2020-PP(BE-II)(E-43780) dated 24.08.2020 .

B Price bid

- (a) Bid form;
- (b) Applicable Price Schedule Form;

1.11. Bid form and price schedule

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

1.12. Bid Prices

1.12.1 The Bidder shall indicate on the appropriate price schedule form, the unit prices and total bid prices of the goods it proposes to supply under the contract.

1.12.2 Prices indicated on the price-schedule form shall be entered separately in the following manner:

- (i) The price of the goods quoted Ex-works including taxes already paid.
- (ii) GST and other taxes, explicitly mentioning **applicable rate** 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.
- (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 Where there is no mention of packing, forwarding, freight, insurance charges, taxes etc. such offer shall be rejected as incomplete.

1.12.4 The price quoted shall remain fixed during the contract period and shall not vary on any account

1.12.5 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.

1.12.6 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 14thNovember,2017.

Note : All payments due under the contract shall be paid after deduction of statutory levies at source (like ESIC, IT-TDS, GST-TDS etc.,)

1.12.7 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.

1.12.8 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. बोलीकीमुद्राएं Bid Currencies

1.13.1 Prices shall be quoted in Indian Rupees only. *Bids in currency other than Indian Rupee (INR) will be rejected summarily / ab initio as unresponsive.*

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) Make in India local content declaration
- (d) MSE certificate, if applicable.
- (e) Registration certificate as per order no.P-45021/112/2020-PP(BE-II)(E-43780) dated 24.08.2020, if applicable

1.14.3 Conditional tenders shall not be accepted.

1.15 Documents Establishing Goods' Eligibility and Conformity to Bidding Documents

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

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

- (a) A detailed description of the essential technical and performance characteristics of the goods;

- (b) A list giving full particulars, including available sources and current prices, of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods during the warranty period following commencement of the use of the goods by the Purchaser in the Priced-bid; and
- (c) An item-by-item commentary on the Purchaser's Technical Specifications demonstrating substantial responsiveness of the goods and services to those specifications or a statement of deviations and exceptions to the provisions of the Technical Specifications.

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

1.15.4 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. **Bid security, in forms as mentioned in 1.16.3 (a), (b), (c) should physically reach the office of Stores and Purchase Officer, C.S.I.R.-I.I.P, Dehradun on or before the due date and times of submission of bid. If bid security is not physically available, the bid will be rejected ab-initio.**~~

~~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. **Physical original instrument must reach as mentioned in clause 1.16.2 or**~~

~~(b) Fixed Deposit receipt pledged in favour of the Lab./Institute. **Physical original**~~

~~instrument must reach as mentioned in clause 1.16.2~~

~~(e) A Banker's cheque or demand draft in favour of the purchaser issued by any Scheduled commercial bank in India. **Physical original instrument must reach as mentioned in clause 1.16.2**~~

~~(d) Bid Securing Declaration (online upload in etenders.gov.in sufficient)~~

~~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, DGS&D 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. **Copy of valid document in support of claim must be uploaded along with technical bids on etenders.gov.in.** Except for MSEs, this exemption is valid for the trade group and monetary value of registration only. The MSEs are provided tender document free of cost and are exempted from the payment of Bid Security provided the goods are produced and the services are rendered by them and not for any trading activities undertaken by them. Further firms who are having Udyog Aadhar Memorandum are entitled to all benefits available for MSEs under the Public Procurement Policies for MSEs and can get registered with any of the following agencies:~~

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

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

~~1.16.10 The bid security may be forfeited:~~

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

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

1.17. Period of Validity of Bids

- 1.17.1 Bids shall remain valid for minimum of 180 days after the date of bid opening prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the Purchaser as non-responsive.
- 1.17.2 In exceptional circumstances, the Purchaser may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing (by post, fax or e-mail). The bid security provided shall also be suitably extended failing which the bid would be summarily ignored. A Bidder may refuse the request without forfeiting its bid security. A Bidder granting the request will not be required nor permitted to modify its bid.
- 1.17.3 Bid evaluation will be based on the bid prices without taking into consideration the above corrections.

1.18. Format and Signing of Bid

- 1.18.1 The bids may be submitted in ~~single envelop / online in single part~~ online in two parts as specified in the Invitation for Bids.
- ~~1.18.2 In case the bids are invited on single envelop basis, then the Bidder shall prepare two copies of the bid, clearly marking each "Original Bid" and "Copy Bid", as appropriate. In the event of any discrepancy between them, the original shall govern.~~
- 1.18.3 In case the bids are invited on two-bid system, the Bidder shall submit the bids online in two separate parts. One part shall contain Technical bid comprising all documents listed under clause relating to Documents Comprising the Bid excepting bid form and price schedules. The other part shall contain the priced-bid comprising bid form and price schedules.
- 1.18.4 The bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorized to bind the Bidder to the Contract. All pages of the bid, except for un-amended printed literature, shall be initialed by the person or persons signing the bid detailing

his/her name and contact details.

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

D. Submission and sealing of Bids

1.19. Submission, Sealing and Marking of Bids

- 1.19.1 The bidders may submit their duly sealed bids generally **online**. (Bids received by courier / post / FAX/E-mail would not be considered for evaluation.)

~~1.19.2 In the case of bids invited on single envelope basis, the Bidders shall seal the original and each copy of the bid in separate inner envelopes, duly marking the envelopes as "original" and "copy". The envelopes shall then be sealed in an outer envelope.~~

- 1.19.3 In the case of bids invited on two-part basis, the Bidder shall submit online ~~seal~~ the un-priced commercial and technical bid comprising the documents as listed in ITB 1.10.1 and the priced bid **online** / ~~in two separate envelopes duly marked as "Technical bid" and "priced bid". Both the envelopes shall then be sealed in one outer envelope.~~

- 1.19.4 **The bids should be submitted online only.** ~~The inner and outer envelopes shall be addressed to the (Designation and Address of the officer concerned) and deposited in the Tender box kept in Purchase Section, if delivered by hand.~~

~~(a) Bear the name and address of the bidder, Tender No., due date and a warning "Do not open before _____" to be completed with the time and date as specified in the invitation for bids.~~

- 1.19.5 ~~If the outer envelope is not sealed and marked as required above, the Purchaser will assume no responsibility for the bid's misplacement or premature opening. In such cases, bids received in open condition within the due date and time will be accepted at the risk of the bidder if the same is presented to the Controller of Stores & Purchase before expiry of the due date and time of opening of the bids.~~

- 1.19.6 Firms submitting bids in a single envelope against the requirement of two-bid system would be considered for further evaluation at the risk & responsibility of the bidder. However, the opened priced bid, if prepared separate from the technical bid, would be sealed immediately by the Tender Opening Committee without disclosing the price.

1.20. Deadline for Submission of Bids

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

1.20.2 The Purchaser may, at its discretion, extend the deadline for submission of bids by amending the bid documents in accordance with Clause relating to Amendment of Bidding Documents in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

1.21. Late Bids

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

1.21.2 Such tenders shall be marked as late and not considered for further evaluation. They shall not be opened at all and be returned to the bidders in their original envelope without opening.

1.22. Withdrawal, substitution and Modification of Bids.

~~1.22.1 A Bidder may withdraw, substitute, or modify its Bid after it has been submitted by sending a written notice in accordance with ITB Clause 1.19 duly signed by an authorized representative, and shall include a copy of the authorization in accordance with ITB Sub Clause 1.19.4 (except that no copies of the withdrawal notice are required). The corresponding substitution or modification of the bid must accompany the respective written notice. All notices must be:~~

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

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

1.22.3 Withdrawal, Substitution and modification of bids will be as per provisions / facilities available to bidder In etenders.gov.in.

E. Opening and Evaluation of Bids

1.23 Opening of Bids by the Purchaser

1.23.1 The Purchaser will open all bids **online** on **etenders.gov.in** only.

1.24. Confidentiality

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

1.24.2 Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post qualification of the bids or contract award decisions may result in the rejection of its Bid.

1.25. Clarification of Bids

1.25.1 To assist in the examination, evaluation, comparison and post qualification of the bids, the Purchaser may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing and no change in prices or substance of the bid shall be sought, offered or permitted. However, no negotiation shall be held except with the lowest bidder at the discretion of the purchaser. Any clarification submitted by a bidder in respect to its bid which is not in response to a request by the purchaser shall not be considered.

1.26. Preliminary Examination

1.26.1 The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in ITB Clause 1.10 have been provided, and to determine the completeness of each document submitted.

1.26.2 The Purchaser shall confirm that the following documents and information have been provided in the Bid. If any of these documents or information is missing, the offer shall be rejected.

(a) Bid Form and Price Schedule, in accordance with ITB Clause 1.10;

(b) All the tenders received will first be scrutinized to see whether the tenders meet the basic requirements as incorporated in the tender enquiry document. The tenders, who do not meet the basic requirements, are to be treated as unresponsive and ignored. The following are some of the important points, for which a tender may be declared as unresponsive and to be ignored, during the initial scrutiny:

(i) **The Bid is unsigned.**

- (ii) The Bidder is not eligible.
- (iii) The Bid validity is shorter than the required period.
- (iv) The Bidder has quoted for goods manufactured by a different firm without the required authority letter from the proposed manufacturer.
- (v) Bidder has not agreed to give the required performance security
- (vi) Bidder has not furnished the bid security or bid securing declaration=
- (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 asunder:

- 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 L1bidder;
 - 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 invitation to bids 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 have been accepted by the Bidder without any material deviation or reservation.
- 1.30.2 The Purchaser shall evaluate the technical aspects of the Bid submitted in accordance with ITB Clause 1.15, to confirm that all requirements specified in Schedule of Requirements of the Bidding Documents have been met without any material deviation or reservation.
- 1.30.3 If, after the examination of the terms and conditions and the technical evaluation, the Purchaser determines that the Bid is not substantially responsive in accordance with ITB Clause 1.28, it shall reject the Bid.

1.31 Conversion to Single Currency

- 1.31.1 Not applicable

1.32 Evaluation and comparison of bids

- 1.32.1 The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive.
- 1.32.2 To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined below. No other criteria or methodology shall be permitted.
- 1.32.3 Purchase preference shall be given to all Class I and Class II local suppliers in all procurements undertaken by the purchaser in the following manner:
- (a) Where the purchaser has restricted the eligibility of suppliers to Indian suppliers only as per para 23 of the invitation to bid
 - (b) In the procurements of goods or works, which are covered by para 3(b) of Order no.P-45021/2/2017-PP (BE-II) dated 16th September 2020 of Ministry of Commerce and Industry, Government of India and which are divisible in nature, the 'Class-I local supplier' shall get purchase preference over 'Class-II local supplier' as well as 'Non-local supplier', as per following procedure.
 - 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 a 'Class-I local supplier', 50% of the order quantity shall be awarded to L1. Thereafter, the lowest bidder among the 'Class-I local supplier' will be invited to match the L1 price for the remaining 50% quantity subject to the Class-I local supplier's quoted price falling within the margin of purchase preference, and contract for that quantity shall be awarded to such 'Class-I local supplier' subject to matching the L1 price. In case such lowest eligible 'Class-I local supplier' fails to match the L1 price or accepts less than the offered quantity, the next higher Class-I local supplier' within the margin of purchase preference shall be invited to match the L1 price for remaining quantity and so on, and contract shall be awarded accordingly. In case some quantity is still left uncovered on Class-I local suppliers, then such balance quantity may also be ordered on the L1 bidder.
 - (c) In the procurements of goods or works, which are covered by para 3(b) of Order no.P-45021/2/2017-PP (BE-II) dated 16th September 2020 of Ministry of Commerce and Industry, Government of India and which are not divisible in nature, and in procurement of services where the bid is evaluated on price alone, the 'Class-I local supplier' shall get purchase preference over Class-II local supplier as well as 'Non-local supplier', as per following procedure.
 - i. Among all qualified bids. the lowest bid will be termed as L1 . If L1 is 'Class-1 local supplier', the contract will be awarded to L1.
 - ii. If L1 is not 'Class-I local supplier', the lowest bidder among the 'Class-I local supplier', will be invited to match the L1 price subject to Class-I local supplier's

quoted price falling within the margin of purchase preference and the contract shall be awarded to such 'Class-I local supplier' subject to matching the L1 price.

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 and so on and contract shall be awarded accordingly. In case none of the Class-I local supplier' within the margin of purchase preference matches the L1 price, the contract may be awarded to the L1 bidder.

(d) "Class-II local supplier" will not get purchase preference in any procurement, undertaken by procuring entities.

(e) Margin of Purchase Preference will be as per Order no.P-45021/2/2017-PP (BE-II) dated 16th September 2020 of Ministry of Commerce and Industry, Government of India

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

1.32.5 Within this 25% (Twenty Percent) quantity, a purchase preference of four per cent (that is, 20 (twenty) per cent out of 25 (twenty) per cent) is reserved for MSEs owned by Scheduled Caste (SC)/Scheduled Tribe (ST) entrepreneurs (if they participate in the tender process and match the L1 price). Provided that, in event of failure of such SC/ST MSE to participate in tender process or meet tender requirements and L1 price, four per cent sub-target shall be met from other MSE.

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

1.32.7 The bids shall be evaluated on the basis of final landing cost which shall be arrived asunder:

1. The price of the goods quoted ex-works including all taxes already paid.
2. GST and other taxes, if any which will be payable on the goods if the contract is awarded.
3. Charges for inland transportation, insurance and other local services required for

delivering the goods at the desired destination.

4. 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 invitation to bid shall specify the mode of transport i.e., whether by air/road/rail/courier.

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

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

1.32.11 In case a bidder is eligible to seek benefit under Purchase PP- MAKE IN INDIA policy as well as PPP for MSE 2012, then the bidder should categorically seek benefits against only one of the two policies i.e. either MAKE IN INDIA OR MSE policy in BID FORM. The option once exercised cannot be modified subsequently.

1.32.12 Purchase preference benefits shall be extended to the bidder based on the declared option subject to the bidder meeting the requirements contained in that purchase preference policy.

1.32.13 For price matching opportunities and distribution of quantities among bidders (bidder's option to avail any one out of two applicable purchase preference policies, i.e., MAKE IN INDIA 2020 or PPP-2012 will be considered), the precedence shall be in the following order:

1 Public Procurement Policy for MSE 2012

2 Purchase Preference MAKE IN INDIA 2020

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 परक्रामणNegotiations

- 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 अवार्डमानदंड 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 अवार्डकरतेसमयमात्राओंमेंअंतरकरनाखरीदारकाअधिकार 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 विकल्पखंडOption 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 किसीबोलीकोस्वीकारकरनाऔरकिसीबोलीयासभीबोलियोंकोअस्वीकारकरनाखरीदारकाअधिकार 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 अवार्डकीअधिसूचनाNotification of Award

- 1.40.1 Prior to the expiration of the period of bid validity, the Purchaser will notify the successful bidder through **award of contract on etenders.gov.in /** ~~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 fourteen (14) 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 : APPLICABLE

- 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 the purchase order, 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 , 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.

1.44.0 प्रीबिड कांफ्रेंस Pre-bid Conference (PBC)**1.44.1 NOT APPLICABLE****1.45 ऑनलाइन बोली प्रस्तुत करना ऑनलाइन निर्देश
Instructions for Online Bid Submission****Special Instructions to the Bidders for the e-submission of the bids online through the e-Procurement Portal etenders.gov.in**

- a) Bidder should do Online Enrolment in this Portal using the option Click Here to Enroll available in the Home Page. Then the Digital Signature enrollment has to be done with the e-token, after logging into the portal. The e-token may be obtained from one of the authorized Certifying Authorities such as eMudhraCA/GNFC/IDRBT/MtnITrustline/SafeScripT/TCS.
- b) Bidder then logs into the portal giving user id / password chosen during enrollment.
- c) The e-token that is registered should be used by the bidder and should not be misused by others. d) DSC once mapped to an account cannot be remapped to any other account. It can only be Inactivated.
- e) The Bidders can update well in advance, the documents such as certificates, purchase order details etc., under My Documents option and these can be selected as per tender requirements and then attached along with bid documents during bid submission. This will ensure lesser upload of bid documents.
- f) After downloading / getting the tender schedules, the Bidder should go through them carefully and then submit the documents as per the tender document, otherwise, the bid will be rejected.
- g) The BOQ template must not be modified /replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for that tender. Bidders are allowed to enter the Bidder Name and Values only.
- h) If there are any clarifications, this may be obtained online through the e-Procurement Portal, or through the contact details given in the tender document. Bidder should take into account of the corrigendum published before submitting the bids online.
- i) Bidder, in advance, should prepare the bid documents to be submitted as indicated in the tender schedule and they should be in PDF/XLS/RAR/DWF formats. If there is more than one document, they can be clubbed together.
- j) Bidder should arrange for the EMD as specified in the tender. The original should be posted/couriered/given in person to the Tender Inviting Authority, within the bid submission date and time for the tender.
- k) The bidder reads the terms and conditions and accepts the same to proceed further to submit the bids
- l) The bidder has to submit the tender document(s) online well in advance before the prescribed time to avoid any delay or problem during the bid submission process.

- m) There is no limit on the size of the file uploaded at the server end. However, the upload is decided on the Memory available at the Client System as well as the Network bandwidth available at the client side at that point of time. In order to reduce the file size, bidders are suggested to scan the documents in 75-100 DPI so that the clarity is maintained and also the size of file also gets reduced. This will help in quick uploading even at very low bandwidth speeds.
- n) It is important to note that, the bidder has to Click on the Freeze Bid Button, to ensure that he/she completes the Bid Submission Process. Bids Which are not Frozen are considered as Incomplete/Invalid bids and are not considered for evaluation purposes.
- o) In case of Offline payments, the details of the Earnest Money Deposit(EMD) document submitted physically to the Department and the scanned copies furnished at the time of bid submission online should be the same otherwise the Tender will be summarily rejected.
- p) The Tender Inviting Authority (TIA) will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders due to local issues.
- q) The bidder may submit the bid documents online mode only, through this portal. Offline documents will not be handled through this system.
- r) At the time of freezing the bid, the e-Procurement system will give a successful bid updation message after uploading all the bid documents submitted and then a bid summary will be shown with the bid no, date & time of submission of the bid with all other relevant details. The documents submitted by the bidders will be digitally signed using the e-token of the bidder and then submitted.
- s) After the bid submission, the bid summary has to be printed and kept as an acknowledgement as a token of the submission of the bid. The bid summary will act as a proof of bid submission for a tender floated and will also act as an entry point to participate in the bid opening event.
- t) Successful bid submission from the system means, the bids as uploaded by the bidder is received and stored in the system. System does not certify for its correctness.
- u) The bidder should see that the bid documents submitted should be free from virus and if the documents could not be opened, due to virus, during tender opening, the bid is liable to be rejected v) The time that is displayed from the server clock at the top of the tender Portal, will be valid for all actions of requesting bid submission, bid opening etc., in the e-Procurement portal. The Time followed in this portal is as per Indian Standard Time (IST) which is GMT+5:30. The bidders should adhere to this time during bid submission.
- w) All the data being entered by the bidders would be encrypted at the client end, and the software uses PKI encryption techniques to ensure the secrecy of the data. The data entered will not be viewable by unauthorized persons during bid submission and not viewable by any one until the time of bid opening. Overall, the submitted bid documents become readable only after the tender opening by the authorized individual.
- x) During transmission of bid document, the confidentiality of the bids is maintained since the data is transferred over secured Socket Layer(SSL) with 256 bit encryption technology. Data encryption of sensitive fields is also done.
- y) The bidders are requested to submit the bids through online e-Procurement system to the TIA well before the bid submission end date and time (as per Server System Clock)

अध्याय२
CHAPTER 2

अनुबंधकीशर्ते
CONDITIONS OF CONTRACT

अ. अनुबंधकीसामान्यशर्ते (अ.सा.श)
A. GENERAL CONDITIONS OF CONTRACT(GCC)

विषय-तालिका
Table of Contents

क्रमांकखण्ड

Sl.No.	Clause
2.1	परिभाषा Definitions
2.2	Contract Documents
2.3	Code of Integrity
2.4	Joint Venture, Consortium or Association
2.5	Scope of Supply
2.6	Suppliers' Responsibilities
2.7	Contract price
2.8	Cop Right
2.9	Application
2.10	Standards
2.11	Use of Contract Documents and Information
2.12	Patent Indemnity
2.13	Performance Security
2.14	Inspections and Tests
2.15	Packing
2.16	Delivery and Documents
2.17	Insurance
2.18	Transportation
2.19	Incidental Services
2.20	Spare Parts
2.21	Warranty
2.22	Terms of Payment
2.23	Change Orders and Contract Amendments
2.24	Assignment
2.25	Subcontracts
2.26	Extension of time
2.27	Liquidated Damages Clause

2.28	Termination for Default
2.29	Force Majeure
2.30	Termination for insolvency
2.31	Termination for Convenience
2.32	Settlement of Disputes
2.33	Governing Language
2.34	Applicable Law
2.35	Notice
2.36	Taxes and Duties
2.37	Right to use Defective Goods
2.38	Protection against Damage
2.39	Site preparation and installation
2.40	Import and Export Licenses
2.41	Risk Purchase Clause
2.42	Option Clause
2.43	Order Acceptance

GENERAL CONDITIONS OF CONTRACT (GCC)

2.1 परिभाषा 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) "Subcontractor" means any natural person, private or government entity, or a combination of the above, to whom any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.
- (j) "Supplier" means the natural person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.

- (k) 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.

- (l) The“Purchaser”meansanyoftheconstituentLaboratory/InstituteoftheCouncil situated at any designated place in India as specified in invitation to bids.
- (m) “The final destination,” where applicable, means **C.S.I.R- INDIAN INSTITUTE OF PETROLEUM Dehradun, Uttarakhand - 248005, India.**
- (n) **For definitions regarding terms in Make in India please refer to order no.P-45021/2/2017-PP (BE-II) dated 16.09.2020 by Ministry of Commerce and Industry, Government of India and any amendment / revisions thereof.**
- (o) For definitions regarding terms in MSE refer MSE order 2012 and amendments and revisions thereof.
- (p) **For registration of bidders quoting for products from countries that share land border with India refer to OrderNo.P-45021/112/2020-PP(BE-II)(E-43780) dated 24.08.2020 of Ministry of Commerce and Industry, Department for Promotion of Industry and Internal Trade and any amendments thereon.**

2.1 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.

2.2 Code of Integrity

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

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

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

2.3 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.

2.4 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.

2.5 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.

2.6 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.

2.7 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.

2.8 Application

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

2.9 Standards

- 2.9.1 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.

2.10 Use of Contract Documents and Information

- 2.10.1 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.
- 2.10.2 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.
- 2.10.3 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.

2.11 Patent Indemnity

- 2.11.1 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.

2.12 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 Purchase Order, 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, 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 invitation to bid.

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 Purchase Order and in any subsequent instructions ordered by the Purchaser.

2.15.3 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.

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 as under:

For goods manufactured within India

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, *inter-alia* description and specification of the goods, quantity, unit price, total value;
- (b) Packing list;
- (c) Insurance certificate, if required under the contract;
- (d) Railway receipt/Consignment note;
- (e) Manufacturer's guarantee certificate and in-house inspection certificate
- (f) Inspection certificate issued by purchaser's inspector, if any; and
- (g) Any other document(s) as and when required in terms of 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.**

Note:

- 1. The nomenclature used for the item description in the Invoices (s), packing list(s) and the delivery note(s) etc. should be identical to that used in the contract. The dispatch particulars including the name of the transporter should also be mentioned in the Invoice(s).
- 2. The above documents should be received by the Purchaser before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.

- 2.16.2 The mode of transportation shall be as specified in invitation to bid. 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 F.O.R Destination basis the Goods supplied under the Contract shall be fully insured against any loss or damage incidental to manufacture or acquisition, transportation, storage and delivery. The Insurance shall be for an amount equal to 110% of the F.O.R Destination value of the contract from within “warehouse to warehouse (final destination)” on “all risk basis” including strikes, riots and civil commotion (SRCC Clause).
- 2.17.2 Where delivery of the goods is required by the purchaser on F.O.R Destination basis the supplier shall arrange and pay for Cargo Insurance, naming the purchaser as beneficiary and initiate & pursue claims till settlement, on the event of any loss or damage.
- 2.17.3 Where delivery is on ex-works basis, 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 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.
- 2.18.2 The transportation shall be done by well reputed transporter and in suitable vehicle depending on nature of cargo.

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 invitation to bid.

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 and until mentioned in the Notice Inviting Tender or the Purchase order the warranty shall remain valid for a period **one year** after the goods or any portion thereof as the case may be have been delivered to and accepted at the final destination.
- 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 Purchase Order.

- 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 INR only

Note: All payments due under the Contract shall be paid after deduction of statutory levies at source (like ESIC, Income Tax, GST etc.), wherever applicable.

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 in section 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 successful bidder shall not be allowed to sub-contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority.

2.25.2 In all cases where subcontract has been done 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

2.25.3 Where ever subcontracting is applicable a certificate on the letter head of the bidder along with seal and signature of the person signing the bid must be submitted along with other necessary certificates

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 0.5% 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 10%. Once the maximum is reached, the Purchaser may consider termination of the Contract pursuant to GCC Clause on Termination for Default.

2.28 Termination for Default

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

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

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

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

2.29 Force Majeure

- 2.29.1 Notwithstanding the provisions of GCC Clauses relating to extension of time, Liquidated damages and Termination for Default the Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- 2.29.2 For purposes of this Clause, “Force Majeure” means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- 2.29.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof within 21 days of its occurrence. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
- 2.29.4 If the performance in whole or in part or any obligations under the contract is prevented or delayed by any reason of Force Majeure for a period exceeding 60 days, either party may at its option terminate the contract without any financial repercussions on either side.

2.30 Termination for Insolvency

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

2.31 Termination for Convenience

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

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

- (a) To have any portion completed and delivered at the Contract terms and prices; and/or
- (b) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and for materials and parts previously procured by the Supplier.

2.32 Settlement of Disputes

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

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

2.32.3 The dispute settlement mechanism/arbitration proceedings shall be concluded as under:

- (a) If any dispute or difference arises between the parties hereto as to the construction, interpretation, effect and implication of any provision of this agreement including the rights or liabilities or any claim or demand of any party against other or in regard to any other matter under these presents but excluding any matters, decisions or determination of which is expressly provided for in this Agreement, such disputes or differences shall be referred to Delhi International Arbitration Centre(DIAC), New Delhi. A reference to the Arbitration under this Clause shall be deemed to be submission within the meaning of the Arbitration and Conciliation Act, 1996 and the rules framed there under for the time being in force. Each party shall bear and pay its own cost of the arbitration proceedings unless the Arbitrators otherwise decides in the Award.

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 from where the Purchase Order has been issued.

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 invitation to bid.

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 / services, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred till its final manufacture/production / delivery / installation / commissioning / training.

2.36.2 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.

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

2.36.4 Customs Duty Exemption – Customs Duty exemption Certificate whatsoever cannot be furnished for any import component.

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 50Hz.

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 Not Applicable

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 Order Acceptance

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

B SPECIAL CONDITIONS OF CONTRACT

Table of Contents

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

Special conditions of contract (SCC)

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

S.N.	GCC Clause Ref	Condition
1	GCC 2.1.1(l)	The Purchaser is: Director, CSIR –IIP, Dehradun
2	GCC 2.1.1(m)	The Final Destination is: CSIR-IIP, Dehradun
3	GCC 2.13.1	The amount of the Performance Security shall be 10 % of the contract value.
4	GCC 2.15.2	<p>The marking and documentation within and outside the packages shall be:</p> <p>(a) Each package should have a packing list within it detailing the part No(s), description, quantity etc.</p> <p>(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.</p> <p>(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.</p> <p>(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.</p>
5	GCC 2.16.1	Details of Shipping and other Documents to be furnished by the Supplier are :

		<p><u>For goods manufactured within India</u></p> <p>Within 24 hours of dispatch, the supplier shall notify the purchaser the complete details of dispatch and also supply following documents by registered post / speed post and copies thereof by FAX/Email.</p> <p>(a) Two copies of Supplier's Invoice indicating, <i>inter-alia</i> description and specification of the goods, quantity, unit price, total value;</p> <p>(b) Packing list;</p> <p>(c) Certificate of country of origin;</p> <p>(d) Insurance certificate, if required under the contract;</p> <p>(e) Railway receipt/Consignment note;</p> <p>(f) Manufacturer's guarantee certificate and in-house inspection certificate;</p> <p>(g) Inspection certificate issued by purchaser's inspector, if any; and</p> <p>(h) Any other document(s) as and when required in terms of the contract.</p> <p>Note:</p> <p>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).</p> <p>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.</p>
6	GCC 2.16.3	In case of supplies from within India, the mode of transportation shall be by Road / Air / Rail / Courier . (retain one only)
7	GCC 2.17.1	The Insurance shall be for an amount equal to 110% of the F.O.R Destination 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 12 (TWELVE) months from the date of acceptance.
9	GCC2.22.1	<p>The method and conditions of payment to be made to the Supplier under this Contract shall be as follows:</p> <p><u>Payment for Goods and Services supplied:</u></p> <p>The payment shall be made in Indian Rupees, as follows:</p> <p>(a) After shipment : Eighty percent (80%) of the Contract Price shall be paid on receipt of the Goods in good condition and upon submission of the documents specified in GCC Clause 16.1</p> <p>(b) On Acceptance: The remaining Twenty percent (20%) of the Contract value shall be paid to the Supplier within thirty (30) days after the date of the acceptance certificate issued by the Purchaser subject to submission of performance security, if any.</p> <p>Note:</p> <p>All payments due under the Contract shall be paid after deduction of statutory levies at source (like ESIC, Income Tax, etc.), wherever applicable.</p>
10	GCC 2.27.1	The penalty shall be 0.5% per week or part of a week towards late delivery and towards delay in installation and commissioning.
	GCC 2.27.1	The maximum amount of penalty shall be 10%
11	GCC 2.34.1	The place of jurisdiction is Dehradun
12	GCC 2.35.1	For notices, the Purchaser's address is The Director, CSIR-IIP, Dehradun Attention: Controller of Stores and Purchase
13	GCC 2.35.1	<p>Telephone: :+91-135 - 2525762, 2525754</p> <p>Electronic mail address cosp@iip.res.in and rawats@iip.res.in</p>
14	GCC 2.43.1	The integrity pact is to be /not to be signed. (retain one only)
15	GCC 2.43.2	The name and contact details of the IFMs are as under:i)

CHAPTER 3

Schedule of Requirements

(Notes for internal use only)

- 3.1** *The Schedule of Requirements shall be included in the bidding documents by the Purchaser, and shall cover, at a minimum, a description of the goods and services to be supplied.*
- 3.2** *The objective of the Schedule of Requirements is to provide sufficient information to enable bidders to prepare their bids efficiently and accurately, in particular, the Price Schedule, for which a form is provided in Chapter 5. In addition, the Schedule of Requirements, together with the Price Schedule, should serve as a basis in the event of quantity variation at the time of award of contract pursuant to ITB Clause 1.37.*

BLANK PAGE

CHAPTER 3

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

SCHEDULE OF REQUIREMENT

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

Term of delivery: **F.O.R Destination** _____ (**named place of shipment or named place of delivery**)

(retain only one)

Period of delivery shall count from : _____

(to be filled by the bidder)

Scope of Supply : _____

Training requirement: _____

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

Date :

Place :Signature of the Bidder

Notes for Bidders:

- (1) The delivery schedule shall clearly indicate the time period within which the successful bidder must deliver the consignment in full from the date of establishment of LC or from the date of contract or from the date of advance payment etc. It should also indicate separately the time period desired for installation and commissioning of the equipment after arrival of the consignment at the premises of the Purchaser.
- (2) The date or period for delivery should be carefully specified, taking into account
 - (a) The date prescribed herein from which the delivery obligations start (i.e., notice of award, contract signature, opening or confirmation of the letter of credit, date of releasing advance payment etc.).

Chapter 4

Specifications and Allied Technical Details

4.1 End Use: As per specification

4.2 Detailed Technical Specifications

“High Pressure Micro Reactor Unit-Bench Scale Oven Based Catalytic Micro Reactor Customized for High Pressure High Temperature Application Provision with Online Gas Analyzer”

Sr. no	Item	Description	Qty.	Make
<i>Fluid/Feed /Reactant flow section</i>				
1.	Thermal Mass Flow Controllers (MFC) for Feed gas/ reactant flow to the reactor	Gas	Flow (ml/min)	Qty.
		CO	0-200	1
		H2	0-200	1
		N2	0-200	1
		O2	0-200	1
		CO2	0-200	1
		<ul style="list-style-type: none"> • Typical Response Time: 2 s or better, auto-tuned • Operating Pressure: max. 60 bar • Operating Temperature: 0 to 50 °C • Should have bypass option for flow to reactor • Flow to reactors/operating GHSV: 1000-10,000ml/h.g-cat • Assembly with pressure gauges (0-80bar) at the inlet and outlet of MFCs 		Brooks having high turn down ratio for flow setting, to be monitored and controlled from PLC/ HMI
2.	Gas Pressure Regulators (GPR)	<ul style="list-style-type: none"> • High Pressure panel mounted gas regulator for gases coming from high pressure cylinders through tube lines from shed • Necessary for maintaining gas pressure for MFC flow • Regulator inlet pressure range: 0-150bar • Regulator outlet pressure range: 0-100bar • MOC: Suitable, Stainless Steel • For gases: CO, H2, O2, CO2/N2 	5	Tescom/Matheson
3.	Reciprocating/ HPLC Pumps for continuous liquid feeding to reactor	Liquid feed pump (reactor) Flow range: 0-5 ml/ min Accuracy: ± 0.001ml/ min Max. Pressure: 6000psi (for Hexane/H2O/kerosene/ diesel/ Naphtha) Communication protocol: ASCII/RS232	1	LS Class SSI /Eldex having high turn down flow ratio and high precision

4.	Liquid feed tank(LFV)	<ul style="list-style-type: none"> Liquid feed storage vessel (for water/ Kerosene/ diesel/ Naphtha/ Hexane) Vessel-1:Capacity: 2 -5 liter Provisions for gas blanketing in the vessels with pressure safety and control valve Max. pressure: 5 bar Vessel connections to the pumps should have self-priming to avoid gas entry to pump inlet to avoid pump cavitation 	1	SS316 Independent Blanketing line of nitrogen with pressure regulator isolation valve and pressure safety valve
5.	High precision Weighing balances having internal calibration	vessel-1 for feed storage tank: Readability & Accuracy: $\pm 0.01g$ vessel-2 for product receiver tank: Readability & Accuracy : $\pm 0.01g$	1+1	Mettler Tolloedo/ Sartorius ASCII/RS 2232 communication
6.	Static mixture for gas mixing and pre-heating (STM)	<ul style="list-style-type: none"> For mixing of reactant gases and Preheating the mix prior to entry to the reactors/catalyst bed reactor) Operating Temperature up to 350°C Operating Pressure up to 80 Bar Should have option to measure the composition of feed gas from STM before and during reaction progress by the online GC sample 8 port valve automatically 	1+1	SS 316, Omega USA/ StaMixCo Temperature and gas flow to be controlled and monitored from HMI /PC PID
7.	Line heating and insulation	<ul style="list-style-type: none"> Complete feed lines to have option for heating and insulation to maintain inlet gas/liquid temperature prior to entry to reactor (in all the mode of operation: standalone, series and parallel) Operating temperature: 200-350°C 	At actual basis of requirement	HTS Amptek Temperature setting and controlling from HMI as well as through SCADA
8.	Check valve, 2way valve, 3way valve switching valve union, tee, nut, cross, ferrule, tubes (1/4" 1/8") filter, temp. & pressure sensor/ indicator safety valve, rupture disc, Auto valve etc.	<p>Items required for building the complete Micro reactor set-up for manual as well as automated operation with compliance to global safety standard (safety certificate to be provided)</p> <ul style="list-style-type: none"> Operating temp. for switching valve/electronic valves up to 220°C Operating temp. for rest of items up to 500°C Operating Pressure up to 60 bar Leakage proof with gas detectable sensors specifically for CO and H₂ (min. detection level of 5ppm /LEL Resp.) 	At actual basis of requirement	Swagelok/Tescom
Reactor section				

9.	Reactor	<ul style="list-style-type: none"> Catalyst loading capacity: 0.5- 3g (1-10 cc) Reactor Tube ID: 9.14-13.3 mm Reactor Tube Length : 14.0 – 16.0 inches Max. operating temperature: 900°C (@ up to 80 bar) Fixed bed catalytic reactor, vertical tubular with Metal to metal tight provision, up/down flow operation with automated multiport VICI valve Max. operating pressure: 90 bar Reaction condition: <i>T: 600°C, P: 60bar</i> Frequent and easy access to dismantle and reinstallation of reactor tube for catalyst screening studies Movable holding plate/ mesh for catalyst bed support Thermocouple/Sensor for measuring catalyst bed/skin temperature to ensure isothermal operating condition across bed Pressure monitoring & safety system with alarm, programmable controller(PC) 	1 (1 in spare, quote optionally)	<p>Inconel 800 HT (SS 316 is optional, it will be purchased as per the budget availability)</p> <p>Autoclave Engineers/Parr Instruments</p> <p>Temperature and pressure inside to be monitored/ controlled from HMI / PCPID</p>
10.	Furnace -1(F-1) (for R-1)	<ul style="list-style-type: none"> Split type vertical Three zone with controllable temperature for individual zones to ensure isothermal operating condition across the catalyst bed inside the reactor tube as per the length and diameter of reactor tube. Operating Temperature: up to 900 °C Dimension: Suitable for Reactor Tube. All zones with temp. safety limit Switch 	1	<p>ATS USA</p> <p>to be operated and controlled from PLC HMI / PCPID</p>
11.	Oven System	<ul style="list-style-type: none"> Forced Convection Blower Skid / hot box for isothermal conditions: 220 deg. C Forced convection Skid / oven contains mixing, feed line routing components, reactor, effluent line routing components & pressure control components for system. Vaporizer/Mixer Oven Temperature: 220°C Reactor System Dimension (Approximate): H 80 cm x W 90 cm x D 40 cm Sample status valve – VICI eight port valve for offline and online reactor, GC analysis provision before and after reaction using automated sampling valves. 	1	<p>Isothermal Oven with forced convection blower.</p> <p>Feed and product at same elevated temperature till inlet of GLS.</p>
12.	Reactor operation in down flow mode	<p>Reactor to be operated in Down flow :</p> <ul style="list-style-type: none"> <i>DownFlow mode</i>: operation of reactor at a down mode 	At actual basis of require	Auto changeover high temperature (up to 250°C) valve for different mode

		<ul style="list-style-type: none"> Necessary check valves and micro filters to avoid any back mixing of gases and carryover of catalyst powder from reactors to line to avoid choking 	ment	<p>of operation from Autoclave/Valco.</p> <p>Valves to be operated automatically by switch.</p>
13.	Insulation and line heating	<ul style="list-style-type: none"> All the tube lines around the reactor section / Oven chamber would be insulated to avoid any loss of heat and condensation of the vapor before and after reaction for repeatability Operating temperature: 200-350°C 	At actual basis of requirement	HTS Amptek / Autoclave Engineer to be operated from HMI
Product section				
14.	Condenser(CC)	<ul style="list-style-type: none"> Jacketed coil type condenser for product streams of reactor Capacity: 100-150cc for condenser (CC-1) Max. operating pressure: 60 bar Operating Temperature: -20 to +20°C Condensers need to be operated at similar or varying temperature Provision of Individual Julabo chiller (-20 to +40°C) to be connected to condensers for precise temp. control and monitoring Product stream will have mix. Gas / Vapor/ or liquid in reaction mode 	1	SS316, Coil Type
15.	Gas Liquid Separator (GLS)	<ul style="list-style-type: none"> Capacity: 100 to 150cc for Reactor <ul style="list-style-type: none"> GLS designed for obtaining reaction product fractions (Liquids/ Gases) in realtime. Provision to obtain liquid, vapor and gas phases of reaction products (e.g., Water, hydrocarbon) immediately after reaction. Liquid Gas separator to be designed for minimum holdup of reactor product / effluent. Automatic liquid level controller and indicator – easily calibratable to be provided Type: with sight glass / digital level indicator Max. Operating Pressure: 60 Bar MOC: SS 316 Design must comply to achieve no pressure fluctuations during operation & minimum Liquid holdup at any time of run Product draining under pressure condition without affecting steady state operation and 	1+1	Dynatrol or With Emerson level indicator/rose mount level indicator, With Automated level control philosophy

		avoiding gas release as CO exposure on manual collection. • CO and HC leak detection limit 5ppm/LEL		
16.	Liquid Product Receiver tank(LRV)	<ul style="list-style-type: none"> • Vessel-2 Product receiver tank for reactor: 1liter • Provision for gas blanketing • Max pressure: 5 bar 	1	SS316
17.	Pressure Safety Valve(PSV)	<ul style="list-style-type: none"> • Burst Pressure range: 50 to 100 Bar • Type: Spring Loaded • End Connection: Compression Fitting • MOC: SS 316 	At actual basis of requirement	Swagelok On all gases Liquid lines as well on major vessel
18.	Rupture Disc(RD)	<ul style="list-style-type: none"> • Burst Pressure : 80-100 bar • End Connection : ¼" OD • MOC of Disc : SS 316 	Quantity as per requirement	Autoclave/BS&B
19.	Back Pressure Regulator(BPR) for Reactor vent line	<ul style="list-style-type: none"> • For pressure regulation inside the reactor tubes upto GLS Vent line • Operating pressure range: 0-60 Bar • Wetted parts must confirm to gas compatibility for prolonged usage • SS or ceramic wetted parts desired • Function type: Electro-pneumatic control • High precision/accuracy, ±0.1bar or better • Model should comply to achieve steady state operation at minimum interval of time of run 	1+1	Badger/ Jordan Automatic control from PLC HMI / PCPID
20.	Wet Gas Meter (WGM)	<ul style="list-style-type: none"> • Gas flow totalizer for complete mass balance • To be placed after BPRs • Manual as well as digital reading • Flow range: 50-2000ml/min • MOC wetted parts must comply to the gas compatibility • Portable drum type with digital display 	1	Ritter, Germany operation to be monitored and pulse input to PLC for measurement
21.	SS fittings and tubing	<ul style="list-style-type: none"> • Tubes & fittings for complete reactor set-up to meet the end to end requirement 	Quantity as per requirement	Swagelok / Autoclave Engineer
Safety system				
22.	Flame arrester	<ul style="list-style-type: none"> • Flame arrester for H₂, CO, HC 	3	Honeywell/ Drager
23.	Gas detector	<ul style="list-style-type: none"> • CO, H₂ / hydrocarbon detector • Minimum Detection limit: 5 ppm 	1+1	Honeywell/ Drager
24.	Reactor Cabinet	<ul style="list-style-type: none"> • Reactor rig should be in closed acrylate/SS enclosure chamber with ventilator option 	1 set	-

		<ul style="list-style-type: none"> Comply to safety pressure standard to avoid accidents for operators Strong ventilation to avoid any gas exposure, specifically CO 		
25.	Catalytic Converter	<ul style="list-style-type: none"> CO converter before venting product streams to atmosphere Surrounding CO concentration should not go above 35ppm 	1	-
26.	Reactor Control Panel (RCP)	<ul style="list-style-type: none"> PLC Based Control Panel. All safety interlocks, SMPS, Panel, SSR, SPR, MCB, Buzzer, Indications, HRC fuse etc. Other necessary accessories, Line Filters, Wiring, cables All other accessories as per the system requirement. PLC: Allen Bradley/ Honeywell/Siemens/ GE Fanuc Control Panel & related components: Approved for above PLC 	1	Allen Bradley/ Honeywell for Automated Operation of the system
27.	Reactor Unit operation Interface (RUI)	<ul style="list-style-type: none"> The complete reactor set-up and analyzers should have automation as much possible Automation pertains to integration of whole system valvings, control panel and safety systems through HMI/Workstation Manual operation to comply when automation fails Cause & effect to be discussed & implemented 	1	-
28.	Spare parts/Accessories	<ul style="list-style-type: none"> Spare reactor gas kets Spare gas kets of feed vessel and product vessel 	10-12	-
Reactor installation, testing, warranty and training				
29.	Reactor Installation, commissioning	<ul style="list-style-type: none"> The whole reactor and detectors set-up to be installed in a single closed room The control panel will be operated from HMI Control Panel The Micro reactor assembly should be mounted on a single frame/skid/Oven HAZOP report for designed – As built system to be shared with IIP along with BEDP for approval. Prior to installation at site, the reactor assembly should be factory site tested to demonstrate the accurate functionality of the unit and its individual components (Pumps, MFC, GFM, heaters, valves, chiller etc) in the presence of technical team from CSIR-IIP (Factory Acceptance Test) The testing is to be further conducted at CSIR- 	As per requirement	-

		<p>IIP during installation (Site Acceptance Test) & commissioning with actual feed</p> <ul style="list-style-type: none"> The supplier should take care of all the electrical connections to be necessary/ share necessary utilities requirements with IIP after Design Package approval prior to installation requirement before shipment at site, CSIR-IIP Dehradun Installation and commissioning should include safety drills 		
30.	Warranty & Training	<ul style="list-style-type: none"> Minimum warranty of 1 year at free of cost at site Supplier/ technical representative should visit site without delay to resolve any issue during warranty period Training to be provided at CSIR-IIP for complete system operation and maintenance 	-	-
31.	Certificate and Manuals	<ul style="list-style-type: none"> All electrical wiring diagrams and operating manuals & calibration certificates to be handed over to CSIR-IIP after the FAT is done 		
32.	Submission of bid	<ul style="list-style-type: none"> All technical bids should be provided with detailed P&ID along with bill of materials Suppliers should provide the detailed work schedule timing for supplying the complete reactor set-up 		
33.	Delivery period	<ul style="list-style-type: none"> Delivery period should be within 16 weeks/ 4 months after the acceptance of PO 		

4.4.1 General

1. The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified here.
2. The inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at the point of delivery and/or at the Goods final destination.
3. Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.
4. Should any inspected or tested Goods fail to conform to the specifications, the Purchaser may reject the goods and the Supplier shall either replace the rejected

Goods or make alterations necessary to meet specification requirements free of cost to the Purchaser.

5. The Purchaser's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival at final destination shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by the Purchaser or its representative prior to the Goods shipment.
6. The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.
7. With a view to ensure that claims on insurance companies, if any, are lodged in time, the bidders 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. 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 would be viewed seriously and he shall be directly responsible for any loss sustained by the purchaser on the event of the delay.
8. Before the goods and equipment are taken over by the Purchaser, the Supplier shall supply operation and maintenance Manuals together with Drawings of the goods and equipment built. These shall be in such details as will enable the Purchase to operate, maintain, adjust and repair all parts of the works as stated in the specifications.
9. The Manuals and Drawings shall be in the ruling language (English) and in such form and numbers as stated in the Contract.
10. Unless and otherwise agreed, the goods and equipment shall not be considered to be completed for the purposes of taking over until such Manuals and Drawing have been supplied to the Purchaser.
11. On successful completion of acceptability test, receipt of deliverables, etc. and after the Purchaser is satisfied with the working of the equipment, the acceptance certificate signed by the Supplier and the representative of the Purchaser will be issued. The date on which such certificate is signed shall be deemed to be the date of successful commissioning of the equipment.

4.4.2 Manufacturer's Inspection Certificate`

After the goods are manufactured and assembled, inspection and testing of the goods shall be carried out at the supplier's plant by the supplier, prior to shipment to check whether the goods are in conformity with the technical specifications.

Manufacturer's test certificate with data sheet shall be issued to this effect and submitted along with the delivery documents. The purchaser reserves the options to be present at the supplier's premises during such inspection and testing.

4.4.3 Pre Dispatch Inspection.

4.4.4 Third Party Inspection (delete if not applicable) or elaborate.

4.4.5 Acceptance Test

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

On the event of the ordered item failing to pass the acceptance test, a period not exceeding two weeks will be given to rectify the defects and clear the acceptance test, failing which, the Purchaser reserve the right to get the equipment replaced by the Supplier at no extra cost to the Purchaser.

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

4.5 Training

Free training should be imparted to Minimum 2 No. of persons of the purchaser at the purchaser's premises for a minimum period of 5 days on operation, trouble shooting and maintenance of the supplied item

4.6 Warranty

The warranty of the equipment should be for a period of **12 months** from the date of acceptance. During the warranty period upgrades of the software, if any should be provided free of cost.

-

Price Schedule Form

CHAPTER 5

PRICE SCHEDULE FOR GOODS BEING OFFERED

Name of the Bidder _____

Tender No. _____

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

Note:

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

(b) Cost of Spares, if any

Total Bid price in INR _____
in words _____

Signature of Bidder _____

Name _____

Business Address _____

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

CHAPTER 6

Qualification Requirements

1. The bidder / MANUFACTURER / PRINCIPAL SUPPLIER must have Delivered, Installed, commissioned and given a satisfactory demonstration of a to any Government Organisation / Research Organisation of repute / any CSIR laboratories, within past three financial years. Purchase order copy , installation certificate must be enclosed.
2. Service engineer / service facilities must be available in India for installation, training and support during warranty and post warranty. Details of service setup / list of engineers available at Location in India to be furnished.
3. **Bidder must comply with Make in India Order No.** no.P-45021/2/2017-PP (BE-II) dated 16th September 2020 of Ministry of Commerce and Industry, Government of India and any amendments thereon.
4. **Bidder must be comply with Order**No.P-45021/112/2020-PP(BE-II)(E-43780) dated 24.08.2020 of Ministry of Commerce and Industry, Department for Promotion of Industry and Internal Trade and any amendments thereon.

CHAPTER 7

Contract Form

Contract No. _____ Date: _____

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

BETWEEN

(1) The Council of Scientific & Industrial Research registered under the Societies Registration Act 1860 of the Government of India having its registered office at 2, Rafi Marg, New Delhi-110001, India represented by _____ [*insert complete name and address of Purchaser* (hereinafter called “the Purchaser”), and

(2) [*insert name of Supplier*], a corporation incorporated under the laws of [*insert: country of Supplier*] and having its principal place of business at [*insert: address of Supplier*] (hereinafter called “the Supplier”).

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., [*insert brief description of Goods and Services*] and has accepted a Bid by the

Supplier for the supply of those Goods and Services in the sum of [*insert Contract Price in words and figures, expressed in the Contract currency(ies)*] (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

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

02. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:

- (a) This Contract Agreement
- (b) Special Conditions of Contract

- (c) General Conditions of Contract
- (d) Technical Requirements (including Schedule of Requirements and Technical Specifications)
- (e) The Supplier's Bid and original Price Schedules
- (f) The Purchaser's Notification of Award
- (g) *[Add here any other document(s)]*

03. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

04. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

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

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

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

Signed: *[insert signature]*

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

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

Signed: *[insert signature]*

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

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

For and on behalf of the Supplier

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

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

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

CHAPTER 8**Other Standard Forms****(To be enclosed as indicated below)****Table of Contents**

Sl. No.	Name
01.	Bidder Information Form (to be enclosed with the technical bid)
02.	Manufacturers' Authorization Form (to be enclosed with the technical bid)
03.	Bid Security Form (to be enclosed with the technical bid)
04.	Bid Securing Declaration. (to be enclosed with the technical bid)
05.	Performance Statement Form (to be enclosed with the technical bid)
06.	Deviation Statement Form (to be enclosed with the technical bid)
07.	Service Support Detail Form (to be enclosed with the technical bid)
08.	Bid Form (to be enclosed with the priced bid)
09.	Performance Security Form (to be enclosed with the technical bid)
10.	Acceptance Certificate Form (to be enclosed with the technical bid)
11.	Integrity Pact (to be enclosed with the technical bid)
12.	Format of declaration of abiding by the code of integrity and conflict of interest to be submitted by the bidder.
13	Price Schedule
14	Bank Guarantee form for advance payment
15.	Format of Affidavit of self-certification regarding domestic value addition
16	Format of Certificate to be provided by bidder in case of subcontracting.
17	Format of self declaration to be provided by bidder

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

Form – 1

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]

Page 1 of _____ pages

01.	Bidder's Legal Name [insert Bidder's legal name]
02.	In case of JV, legal name of each party: [insert legal name of each party in JV]
03.	Bidder's actual or intended Country of Registration: [insert actual or intended Country of Registration]
04.	Bidder's Year of Registration: [insert Bidder's year of registration]
05.	Bidder's Legal Address in Country of Registration: [insert Bidder's legal address in country of registration]
06.	NAME AND ADDRESS OF BANK: BANK ACCOUNT NUMBER: TYPE OF ACCOUNT: IFSC CODE:
07.	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]
08.	COUNTRY OF ORIGIN OF PRODUCT (S):
09.	ADDRESS OF THE PLACE OF MANUFACTURE / FACTORY / PLACE WHERE LOCAL CONTENT VALUE ADDITION IS DONE BY MANUFACTURER:
10.	If item is imported and is from a country sharing land border with India, then Registration certificate details like number, date and validity date:
11.	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.

Signature of Bidder _____

Name _____

Business Address _____

Form -2

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]*

form-3

BID SECURITY FORM

Whereas _____ (hereinafter called the tenderer”) has submitted their offer dated _____ for the supply of _____
(hereinafter called the tender”) against the purchaser’s tender enquiry No. _____

KNOW ALL MEN by these presents that WE _____ of _____ having our registered office at _____ are bound unto _____ (hereinafter called the “Purchaser”)

In the sum of _____

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

THE CONDITIONS OF THIS OBLIGATION ARE:

(1) If the tenderer withdraws or amends or modifies or impairs or derogates from the Tender in any respect within the period of validity of this tender.

Or

(2) If the tenderer having been notified of the acceptance of his tender by the Purchaser during the period of its validity:-

(a) If the tenderer fails to furnish the Performance Security for the due performance of the contract.

(b) Fails or refuses to accept/execute the contract.

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

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

(Signature of the authorized officer of the Bank)

Name and designation of the officer

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

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

Form –4

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 he Bid Securing Declaration)

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

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

Corporate Seal (where appropriate)

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

Form –5

PERFORMANCE STATEMENT FORM

(For a period of last 5 years)

Name of the Firm.....

Order Placed by (full address of Purchaser)	Order No. and date	Descrip- tion and quantity of ordered equip- ment	Value of order	Date of comple- tion of deliver as per Contract	Date of actual comple- tion 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 :

Form –6

DEVIATION STATEMENT FORM

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

Signature of Bidder

- ✓ If the bidder offers more than one model, then the Compliance Statement must be enclosed for each and every model separately.
- ✓ The technical and commercial deviations should be indicated separately.
- ✓ If the bidder fails to enclose the compliance statement, his bid is likely to be rejected.

Place:

Date:

Signature and seal of the
Manufacturer/Bidder

NOTE:

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

Form -7

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 :

Form –8

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
-------------------	---------	--------	--------

Form -9

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.

Form - 10

ACCEPTANCE CERTIFICATE FORM

No. _____

Dated: _____

M/s. _____

Sub: Certificate of commissioning of equipment

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

(a) Contract No. _____ Date _____

(b) Description of the equipment _____

(c) Name of the consignee _____

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

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

(f) Scheduled date for completion of installation/commissioning _____

(g) Training Starting Date _____

(h) Training Completion Date _____

(i) Names of People Trained _____

(j) Actual date of completion of installation/commissioning _____

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

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

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

SI. No.	Description	Amount to be recovered

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

or

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

(a)

(b)

(c)

(d)

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

For Supplier

For Purchaser

Signature

Signature.....

Name

Name.....

Designation

Designation.....

Name of the firm.....

Name of the Lab/Instt.....

Date

Date.....

Form - 11

Format of Integrity Pact

INTEGRITY PACT

Between

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

Andherein referred to as "The Bidder/ Contractor."

Preamble

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

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

Section 1 – Commitments of the Principal

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

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

- (1) The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

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

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

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

Section 4 – Compensation for Damages

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

contract value or the amount equivalent to Performance Bank Guarantee.

Section 5 – Previous transgression

- (1) The Bidder declares that no previous transgressions occurred in the last 3 Years with any other Company in any country conforming to the anti-corruption approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.
- (2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or action can be taken as per the procedure mentioned in “Guidelines on Banning of business dealings.”

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

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

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

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

Section 8 - Independent External Monitors

- (1) The Principal appoints competent and credible Independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
- (2) The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the JS (A), CSIR.
- (3) The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/ Contractor(s) / Subcontractor(s) with confidentiality.
- (4) The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.

- (5) As soon as the Monitor notice, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
- (6) The Monitor will submit a written report to the JS(A), CSIR within 8 to 10 weeks from the date of reference or intimation to him by the Principal and should the occasion arise, submit proposals for correcting problematic situations.
- (7) Monitor shall be entitled to compensation on the same terms as being extended to/provided to Independent Directors on the CSIR.
- (8) If the Monitor has reported to the JS(A), CSIR, a substantiated suspicion of an offence under relevant IPC/PC Act, and the JS(A), CSIR has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.
- (9) The word 'Monitor' would include both singular and plural.

Section 9 – Pact Duration

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

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

Section 10 – Other provisions

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

(For & On behalf of the Principal)

(Office Seal)

Place.....

Date.....

Witness 1:(Name & Address): _____

Witness 2:(Name & Address): _____

(For & On behalf of Bidder/Contractor)

(Office Seal)

Place.....

Date.....

FORM - 12

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

Form –13

PRICE SCHEDULE FORM FOR GOODS BEING OFFERED

Name of the Bidder_____

Tender No._____

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

Note:

Total Bid price in Indian currency_____

in words _____

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

Signature of Bidder _____

(b) Cost of Spares, if any

Name _____

Business Address _____

Form -14

BANK GUARANTEE FORM FOR ADVANCE PAYMENT

To

_____ (name of Purchaser)

_____ (address of Purchaser)

_____ (name of Contract)

Gentlemen:

In accordance with the provisions of the Purchase Order no. _____, dated _____, M/s _____, (name and address of Supplier) (hereinafter called "the supplier") shall deposit with _____ (name of Purchaser) a bank guarantee to guarantee his proper and faithful performance under the said Clause of the Contract in an amount of (amount of guarantee) * _____ (in words).

We, the _____ (bank or financial institution), as instructed by the Supplier, agree unconditionally and irrevocably to guarantee as primary obligator and not as Surety merely, the payment to (name of Purchaser) on his first demand without whatsoever right of objection on our part and without his first claim to the Supplier, in the amount not exceeding _____ (amount of guarantee)* _____ (in words).

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 (name of Purchaser) 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 remain valid and in full effect from the date of the advance payment received by the Supplier under the contract until _____.

Yours truly,

Signature and seal:

Name of bank/ financial institution:

Address:

Date:

_____ An amount is to be inserted by the bank or financial institution representing the amount of the Advance Payment.

Form - 15

Format for Affidavit of Self Certification regarding Local Content in a R & D Equipment

TENDER NUMBER:

Date: _____

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

That I will agree to abide by the terms and conditions of the policy of Government of India issued vide Notification – Public procurement (preference to Make in India) Order No.P-45021/2/2017 - PP (BE-II) dated 16.09.2020

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

That the local content for all inputs which constitute the said 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/-PP(B.E-II) dated 16.09.2020.

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

i. Name and details of the PLACE OF LOCATION OF VALUE ADDITION:

- ii. R &D Equipment for which the certificate is produced
- iii. Procuring entity to whom the certificate is furnished

iv. Percentage of local content claimed:

This is to certify that the information / details given above are true. If it is found at a later stage that any or all of the certification is found to be false or documents establishing value addition is not produced or insufficient I shall be liable for the false declaration. I shall co-operate with the nodal ministry or the procuring entity for verification of records establishing local content.

For and on behalf of (Name of firm/entity)

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

NOTE: AUTHORISED SIGNATORY AS PER THE PPMI ORDER

FORM – 16

(for details refer .P-45021/112/2020-PP(BE-II)(E-43780) dated 24.08.2020 of Ministry of Commerce and Industry, Department for Promotion of Industry and Internal Trade and any amendments thereon.)

Certificate for subcontracting

(Applicable and to be provided by bidder in case of subcontracting)

I have read the tender document of tender no. _____ along with clause regarding restriction on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries; I certify that this bidder is not from such a country or, if from a such a country, has been registered with the Competent Authority and will not sub-contract any work to a contractor from such countries unless such contractor is registered with the competent Authority. A valid certificate issued by the competent Authority has been attached with the bid. I hereby certify that this bidder fulfil all requirements in this regard and is eligible to be considered.

Signature of the bidder

Name of the Signatory

FORM – 17

(for details refer .P-45021/112/2020-PP(BE-II)(E-43780) dated 24.08.2020 of Ministry of Commerce and Industry, Department for Promotion of Industry and Internal Trade and any amendments thereon.)

Certificate by bidder for participation

I have read the tender document of tender no. _____ along with clause regarding restriction on procurement from a bidder of a country which shares a land border with India I certify that this bidder is not from such a country or, if from a such a country, has been registered with the Competent Authority. A valid certificate issued by the competent Authority has been attached with the bid. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered.

Signature of the bidder

Name of the Signatory

ANNEXURE 1 (NOT PART OF TENDER DOCUMENT)
(FOR ORDER AND ALL SUBSEQUENT AMENDMENTS PLEASE VISIT DOE /
DIPP WEBSITES)

Public Procurement (Preference to Make in India), Order 2017No. P-45021/2/2017-PP (BE-II Dated: 16th September, 2020