सीएसआईआर-केन्द्रीय औषधीय एवं सगंध पौधा संस्थान
CSIR-CENTRAL INSTITUTE OF MEDICINAL & AROMATIC PLANTS
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फाईल संख्या / File No.-**CIMAP/PUR-651(1)/2024-II** दिनांक/ Date 13.06.2025

खुली निविदा- (पुनर्निविदा)/Open Tender- (Retender)
ई-निविदा हेतु आमंत्रण/Invitation for e-Tender

निदेशक, सीएसआईआर-सीमैप, लखनऊ नीचे वर्णित सामग्री हेतु मूल उपकरण विनिर्मातों, उनके वितरक, अधीन प्राधिकृत को निम्नलिखित मद हेतु द्वि-पद्दती पर आधारित ई-निविदा जमा करने हेतु आमंत्रित करते हैं। इसकी सूचना https://etenders.gov.in/eprocure/app पर उपलब्ध है। संबन्धित दस्तावेज़ संस्थान की वेबसाइट www.cimap.res.in पर भी उपलब्धहै/ Director, CSIR-CIMAP, Lucknow invites original equipment manufacturers, their authorized distributors and Indian agents, if any, for submission of e-quotations in two bids system. For complete NIT documents kindly refer to https://etenders.gov.in/eprocure/app. Its intimation has also been given on Institute's website www.cimap.res.in.

क्रम सं०/ S.No.	मद का नाम/ Name of the item	मात्रा/ Quantity	बिड़ सिकुरिंग/ईएमडी डिक्लेरेसन/ BSD/EMD Declaration
1.	Supply, Installation and Commissioning of 100 L & 500 L Biofermenters with Single Control Panel to Fully Automatic Control of Both (02 Nos.) Biofermenters. **E-tender ID: 2025_CSIR_238295_1** Detailed specifications are mentioned in Annexure- 17	01 Set	Bid Securing/EMD Declaration(format attached) Form must be submitted on the letter head of the firm in Techno-commercial (Part-I) Bid. (Non-submission will result in the bid rejection)

1. कृपया ध्यान दें/*Please note-*

(ii) ई-निविदा खोलने का स्थल: सीएसआईआर-केन्द्रीय औषधीय एवं सगंध पौधा संस्थान, नियर कुकरैल पिकनिक स्पॉट रोड,, लखनऊ, उत्तर प्रदेश, भारत होगा/ CSIR-CIMAP, Near Kukrail Picnic Spot Road, PO CIMAP, Lucknow, Uttar Pradesh, India will the venue of online-bid opening.

(iii) ई-निविदा जमा करने की अंतिम तिथि व समय/ Last Date & time for online bid submission: 10.07.2025 at 11:00 A.M (IST)

(iv) ई-तकनीकी निविदा खोले जाने की तिथि व समय/ Date & time for opening of online techno-commercial bids: 11.07.2025 at 11:00 A.M (IST)

2. इच्छुक बोलीदाताओं से अनुरोध है कि वर्णित सामग्री हेतु बोली भरें/ Interested Bidders are requested to submit the bid for the quoted item.

3.इच्छुक बोलीदाता उपरोक्त विषय में अतिरिक्त जानकारी भंडार एवं क्रय अधिकारी, सीएसआईआर-सीमैप, लखनऊ, भारत से प्राप्त कर सकते हैं/ Interested Bidders may obtain further information from the office of the Stores & Purchase Officer, CSIR-CIMAP, Lucknow, UP, INDIA.

4. वे बोलीदाता, जो अपने मूल विनिर्माताओं के बदले ई-बोली जमा करतें हैं,उन्हें अनिवार्य रूप से इस ई-निविदा हेतु प्राधिकृत होने से संबन्धित वांछित प्रमाण प्रस्तुत करना होगा अन्यथा उनकी बोली निरस्त की जा सकती है/ Bidders who are submitting their online bids on behalf of their principal should submit proper authorization certificate indicating them to online bid for this tender, failing to which the bid will rejected.

5. ई-निविदा प्रपत्र,जमा करने की अंतिम तिथि व समय के भीतर जमा होने चाहिए/ The on line bids must be submitted on or before the last date & time for submission of tender.

6. यदि बोलीदाता एक से अधिक मदों के लिए अपनी निविदा जमा करना चाहता है तो उसे हर मद के लिए अलग से निविदा पत्र जमा करना होगा जिन पर स्पष्टतौर से मिसिल संख्या व मद संबंधी विवरण अंकित होना चाहिए। ई-निविदा प्रपत्र फ़र्म के लेटरहैड पर स्पष्टतौर से टंकित/ कम्प्युटर टंकित होना चाहिए/ In case, if the bidder is interested in submitting his online bid for more than one item, than he should submit all the bids separately clearly indicating the file reference number & particulars of item. Bid should be neatly typed/ computerized on the letter-head of the firm. If any cutting is there, it should be duly certified.

7. सभी ई-निविदाएँ उपरोक्त निर्दिष्ट बोली प्रतिभूति घोषणा पत्र (ईएमडी डिक्लेरेसन) के साथ निर्धारित समय व तिथि के भीतर आवश्यक रूप तकनीकी-व्यवसायिक निविदा (भाग-1) के साथ जमा हो जानी चाहिए। ईएमडी डिक्लेरेसन लेटर प्रपत्र इस ई-निविदा के साथ संलग्न है। नियत समय व तिथि पर ई-निविदाएँ खोली जाएंगी। बोलीदाता अथवा उनके वाजिब प्रतिनिधि यदि चाहें, तो ई-निविदा खुलने के समय व तिथि पर मौजूद रह सकते हैं। किसी कारणवश,यदि ई-निविदा जमा करने या खुलने की तिथि पर अवकाश अथवा कार्यालय बंद रहता हैतो ई-निविदाएँ जमा व खोलने का समय अगले कार्यदिवस में उसी नियत समय होगा/ All bids must be accompanied by a bid securing declaration (EMD declaration) as specified above and must be submitted along with Techno-commercial bid (Part-1) on or before the date and time indicated above. EMD declaration format is attached with this NIT. Online Bids will be opened in the presence of Bidders' representatives who choose to attend on the specified date and time. In the event of the date specified for bid receipt and opening being declared as a closed holiday for purchaser's office, the due date for submission of bids and opening of bids will be the following working day at the appointed time.

8. बोलीदाता यह भली-भांति सुनिश्चित कर लेंकि उनके द्वारा जमा किया गया ई-निविदा प्रत्र इस कार्यालय द्वारा की गई चाही गई अहर्ताओं व मांगी गई समस्त जानकारियों को निर्धारित प्रपत्रों पूरा भरने के उपरांत जमा किया गया है। यदि जरूरी हो तो जानकारियों के लिए अतिरिक्त शीट का प्रयोग किया जा सकता है। सक्षम व्यक्ति द्वारा सम्पूर्ण निविदाप्रपत्र मुहर अंकित व हस्ताक्षरित किया चाहिए/ Bidders are required to ensure that the e-tender documents submitted by them fulfil the requisite qualifications and required information given in the prescribed formats. Additional sheets may be used, if required. The complete tender documents should be page numbered with index, signed and stamped by the authorized signatory of the bidder.

9. सीएसआईआर-सीमैप के मांगे जाने पर बोलीदाताओं को अपनी निविदा में संलग्न किये किसी प्रपत्र/ प्रमाणपत्र को मूलरूप में सत्यापन हेतु प्रस्तुत करना होगा, विसंगति होने पर संबन्धित खरीद प्रक्रिया के किसी भी स्तर से निष्काषित किया जा सकता है/ On demand by CSIR-CIMAP, the bidder will have to produce the original document/ certificate submitted with the quotation for the purpose of verification, Mis-match can lead into rejection at any level of the concerned procurement process.

10. बोलीदाताओं को इस संस्थान में होने वाली खरीद प्रक्रिया में सीएसआईआर के क्रय नियमों की पूर्णतया पारदर्शिता व ईमानदारी से पालन करना होगा, अवहेलना करने पर संबन्धित खरीद प्रक्रिया के किसी भी स्तर से निष्काषित किया जा सकता है/Bidders should follow CSIR Purchase rules (available at www.csir.res.in) with complete transparency and honesty, violation can lead into rejection at any level of the procurement process.

11. एमएसई,मेक इन इण्डिया एवं स्टार्ट-अप फर्म्स इस ई-निविदा में भाग लेने हेतु आमंत्रित हैं। उन्हे ईएमडी,यदि कोई हो,व टर्नओवर मानदंडों में छूट है परंतु तकनीकी विशिष्टताओं व आवश्यकताओं को पूर्ण करना होगा। उनके

संदर्भ में भारत सरकार के अधिनियम लागू होंगे। इस प्रकार की छूट पाने के लिए संबन्धित आपूर्तिकर्ताओं को समस्त वांछित दस्तावेज़ संलग्न करने होंगे**।ध्यान रहे कि**,इस प्रकार के प्रपत्रों में असत्यता पाये जाने पर सक्षम प्राधिकारी द्वारा फ़र्म को निष्काषित /अन्य कोई यथोचित कार्रवाही की जा सकती है। इन बोलीदाताओं को भी अपनी भाग -1 निविदा के साथ लोकल कंटैंट प्रमाणपत्र एवं निर्दिष्ट बोली प्रतिभूति घोषणा पत्र (ईएमडी डिक्लेरेसन, यदि मांगी गई हो तो) (जो कि निविदा के साथ संलग्न हैं) प्रस्तुत करना होगा।/MSE, Make In India and Start-up firms are invited to participate in this e-tender. These firms are exempted from submitting of EMD, if any, and turnover criteria's But they have to comply with the specifications and technical parameters. The Govt. of India rules are applicable for the MSE, Make in India and Start-up firms. In order to seek the desired relaxation, the concerned suppliers are required to enclose all the concerned and essential indicating their status. It may be take care that any inconsistency/ false declaration in such documents will lead to debarring/any other deemed fir action by the Competent Authority. These bidders are also required to submit the local content certificate and Bid security Declaration, (BSD/EMD Declaration, if sought in NIT (formats attached with the NIT) with their Part-1bids.

14.इस टेंडर में भारत सरकार द्वारा परिभाषित श्रेणी-**I** स्थानीय आपूतिकर्ता/ बोलीदाता व श्रेणी-**II**स्थानीय आपूतिकर्ता/बोलीदाता ही भाग ले सकते हैं।ये बोलीदाता अपनी तकनीकी-व्यावसायिक (भाग-**I)** बोली के साथ लोकल कंटैंट प्रमाणपत्र संलग्न करेंगे ।लोकल कंटैंट प्रमाणपत्र का प्रारूप इस निविदा प्रपत्र के साथ संलग्न है। । क्रय वरीयता में श्रेणी-**I** स्थानीय आपूतिकर्ताको श्रेणी-**II**स्थानीय आपूतिकर्ता पर भारत सरकार के नियमानुसार वरीयता प्रदान किया जाएगा गैर-स्थानीय आपूतिकर्ता/बोलीदाता से अनुरोध है कि वे कृपया इस खुली निविदा में भाग न लें। विस्तृत विवरण निविदा के जीसीसी 2.40 पर अवलोकन किया जा सकता है /Class-I Local Supplier and Class-II Local Supplier, categories as defined by the Government of India are invited to participate in this NIT. They are required to attach Local Content Certificate (LCC) in their techno-commercial (Part-I)bid. The format of LCC is attached with this NIT. In procurement Preference Class-I Local Supplier will be given preference over Class-II Local Supplier as per the guidelines prescribed by Government of India. Non Local Supplier (apart from above class-I and class-II) are requested not to submit their bid for this Open Tender seeking quotation in INR. Details can be perused in this NIT at GCC 2.40.

15. बोलीदाता ध्यान दें कि मूल्य स्वरूप प्रारूप (BOQ) में केवल उपस्कर का मूल्य उसकी स्टैण्डर्ड वारण्टी एवं सम्बन्धित टैक्स का ही उल्लेख करें। साथ ही प्राईस बिड (PDF) में उपस्कर का मूल्य उसकी स्टैण्डर्ड वारण्टी एवं सम्बन्धित टैक्स + एक्सटैण्डेड वारण्टी +AMC/CMC (वार्षिक दर के आधार पर), जैसा कि इस निविदा में वांछित है के आधार पर ही अपने मूल्य को दर्शाएं। मूल्य निविदा का मूल्यांकन PDF में वर्णित तीनों घटकों के आधार पर LQ1 निर्धारित किया जाएगा। क्रय आदेश केवल उपस्कर के मूल्य उसकी स्टैण्डर्ड वारण्टी एवं सम्बन्धित टैक्स (जीएसटी) के साथ ही जारी किया जाएगा एवं अन्य वांछित एक्सटैण्डेड वारण्टी +AMC/CMC (वार्षिक दर के आधार पर), को क्रय आदेश में फ्रीज (निर्धारित) कर दिया जाएगा जो कि Due Date से मांगकर्ता द्वारा पुष्टि करने पर लागू होंगी। 3% बैंक गारण्टी केवल उपस्कर का मूल्य उसकी स्टैण्डर्ड वारण्टी एवं सम्बन्धित टैक्स पर ही लागू होगी फाईल संख्या /The bidders may kindly note that they are required to furnish their price bid (Part-II) in two parts Price bid in BOQ format should include only the cost of equipment along with standard warranty and applicable taxes.
Detailed price break-up indicating the cost of equipment along with standard warranty and applicable taxes+ extended warranty+ AMC/CMC (Annual basis) as desired in the NIT. It may be noted that the Price bid will be evaluated considering the above factors for arriving at LQ1 bidder. PO will be issued only for the cost of equipment along with standard warranty and applicable taxes. Whereas, the cost of extended warranty+ AMC/CMC (Annual basis) shall be freezed in the PO and will be applicable from the due date and will be confirmed by the user. Performance Bank Guarantee (3%) will be applicable only for the cost of equipment along with standard warranty and applicable taxes

16**.** इस निविदा हेतु मूल विनिर्माता अथवा उनके प्रतिनिधि एजेन्ट**,** दोनों में से कोइ एक हीं**,** एक मॉडल के लिए बोली जमा करेंगें । साथ हीं प्राधिकृत एजेन्ट एक साथ एक से अधिक विनिर्माताओं की बोलियाँ जमा नहीं करेंगें । कोई भी वैकल्पिक बोलि जमा नहीं करेंगें क्यों की ये हितों का टकराव होगा । ऐसी स्थिति में ऐसी सभी निविदाएँ निरस्त कर दी जाएगी /For this NIT, the only one bid will be accepted which may be submitted either by the OEM or his only one authorized bidder. Similarly, one authorized agent will be permitted to submit the bid of only one OEM. He cannot submit two bids for the two different OEMs. It may be noted that both OEM/their authorized agent are permitted to quote only one make and model and no alternates or optional make or models. Violations of this clause will lead into summarily rejection of all such bids, as it leads to conflict of interest.

17. बोलीदाताओं को चाहिए कि वे मूल्य बोली (प्राइस बीड- भाग-II) में अपनी दरें मांगे गए आधार पर प्राइस शेडुल प्रारूप पर भर कर दें। अगर मूल्य-निविदा (भाग-**II)** में कोई दर / प्रभार / टैक्स /लेवी का विकल्प

खाली / छूटा/ शून्य / लागू नहीं है , आदि लिखा पाया गया तो उसे मूल्य में समाहित (***Inclusive***) माना जायेगा । जिसमे बोली जमा करने की अंतिम तिथि के बाद कोई सुधार मान्य नहीं होगा । सभी नियम और शर्तों के साथ मूल्य / दर विहीन (**un-priced)** वित्तीय बोली प्रारूप की एक प्रति तकनीकी-व्यवसायिक बोली के साथ लगाई जा सकती है । मूल्यांकन,न्यूनतम मूल्यांकित बोली आधार पर किया जाएगा जिसका उल्लेख मूल्य ई-निविदा में किया गया है / The Bidders are required to submit their Rates as directed in Price Bid, Part-II (Price Bid Schedule format). The rates are required to be quoted in BOQ format as well as in PDF. Please note that in case of any discrepancy between the two, the price bid quoted in PDF will be considered for evaluation and ranking. In Price Bid Schedule, if any rate/charge/ tax/ levies etc., will be found unfilled/ left blank/ zero/ NA etc., then same will be treated as Inclusive. No modification/ Alternation/ addition / correction etc. in bid will be acceptable after last date of bid submission. A copy of **un-priced** Price Bids/ schedule format with all terms & conditions can be submitted in technical bid also. Evaluation shall be made on the LQ-1, which has been stated in the Price Bid section of NIT.

18. निदेशक, सीएसआईआर-सीमैप को यह अधिकार है कि वह कोई कारण बताए बिना, किसी या सभी निविदाओं को अंशत: या पूर्णत: स्वीकार/अस्वीकार कर सकता है,या उसके/ उनके क्रम को भंग कर सकता है जो कि भाग लेने वाले सभी बोलीदातों को बाध्यकारी व स्वीकार्य होगा/ The Director, CSIR-CIMAP, reserves the right to accept/reject any or all tenders either in part or in full or to split the order without assigning any reasons there for which will be binding and acceptable all participating bidders.

ह०/ Sd/-

भंडार एवं क्रय अधिकारी/

Stores & Purchase Officer

NIT Document File No.- CIMAP/PUR-651(1)/2024-II For OPEN TENDER to be quoted in INR value only.

(Part-1: online techno-commercial bid&Part-II: Price online bid)

(PART-I)

(Online Techno-commercial bid letter- be given on the bidder/firm's letter head)

Firm's ref:_____ Dated:_____

The Director
CSIR-Central Institute of Medicinal & Aromatic Plants,
P.O. CIMAP, Distt: Lucknow,
Pin - 226015, U.P., India

File reference No:_____

Subject: Submission of Techno-commercial Online bid for_____.

Sir,

Having examined the online bidding documents and agreeing to the terms and conditions mentioned in the concerned NIT, we, the undersigned, hereby submit the **Techno-commercial Online bid** for supply of goods and services as per the schedule of requirements and in conformity with the said online bidding documents.

We hereby offer to supply the **technical details** related to the Goods/Services as sought by the purchaser in this NIT. We do hereby undertake that, in the event of acceptance of our online bid, the supply of Goods/Services shall be made as stipulated in the schedule to the Online bid document and that we shall perform all the incidental services.

In case of any **technical clarification or/ and demonstration** sought by the purchaser to arrive at the clear position, we will provide the same without altering our price online bid and without any monetary/ documentary liability on CSIR-CIMAP. For clarification purpose, we shall be submitting the historical documents i.e., those documents which exists before the floating of this tender. On demand by CSIR-CIMAP, we shall furnish the original document/ certificate submitted with this online quotation for the purpose of verification we understand that its mis-match can lead into rejection of our online bid at any level of the concerned procurement process. As, this is an Open Tender, thus, We have submitted our quote only in Indian Rupees along with the applicable GST of in our Price bid. Our Bid validity is for 180 days (One Hundred Eighty days), if asked we will agree to extend the same unconditionally. We are attaching all the requisite information in the prescribed formats as per Annexures of this NIT.

We enclose herewith the signed complete Techno-commercial Online bid along with the Techno-commercial Online bid Letter in the prescribed e-tender format as per your requirement.

Bidder's authorized Signatory with Company Seal
Name: _____
Designation: _____
e-mail id and Mobile:_____

The offer must comprise of the following documents in the serial of Annexures as stated below in the Check list (submit the information in the prescribed format on firm's letter head)-

Check List- (Techno-commercial Online bid) Part-I A (Non-technical)

Information to be furnished on the firm's letter head and furnished in requisite formats is correct and updated-

S.N.	Document (as Annexure)	Enclosed with the online bid (Yes/ No)	If yes, Page No. in the bid document is-
1.	Bidder's information form (Annexure-1)		
2.	Manufacturer's authorization form (Annexure-2) Proof of Manufacturer's authorization Warranty Service Provider Agreement between the manufacturer and the Service Provider (if applicable)		
3.	Online bid securing declaration/ EMD Declaration form (Annexure-3)		
4.	No Blacklisting Certificate (Annexure-4)		
5.	Acceptance of NIT terms & conditions/ Deviation form (Commercial) (Undertaking Annexure- 5)		
6.	Lowest rate Certificate (Annexure- 6)		
7.	Item Non Hosting on GEM (Annexure- 7)		
8.	Undertaking Valid registration certificate in case the item(s) under procurement fall(s) under the restricted category of the current export-import policy of government of India (if applicable) (Annexure-8)		
9.	Copy of the Last Audited Balance Sheet of the company (Annexure- 9)		
10.	Income Tax Registration Certificate/GST Registration/ PAN No. and latest Income Tax Clearance Certificate (Annexure-10)		
11.	Local Content certificate (Format as Annexure- 11)		
12.	Land Boarder Certificate (Format Annexure- 12)		
13.	Undertaking for Agreeing for Compliance of the proper submission of prices in Price Bid Schedule with taxes/duties/levies (Annexure-13)		
14.	Code of Integrity (Format as Annexure- 14)		
15.	Apart from above, any other relevant document/ information. Annexure- 15		

Check List- (Techno-commercial Online bid) Part-I B (Technical)

S.N.	Document	Enclosed with the online bid (Yes/ No)	If yes, Page No. in the bid document is-
1.	Performance, past experience, order copies & service support detail form-in past three years. Details of Performance, past experience, order copies & service support detail form-in past three years in other CSIR Labs/ Institutions/ Govt. org./ Govt. research Laboratory/ Govt. University/ Autonomous body/ PSU/ Govt. Academics with contact details & addresses Annexure- 16		
2.	Specifications and allied technical details, Annexure- 17		
3.	Deviation form (technical), Annexure - 18		
4.	Qualification requirements. Annexure- 19		
5. (a)	Qualification Requirements- Documentary evidence establishing that the bidder is eligible to online bid and is qualified to perform the contract if its online bid is accepted. Provide it at Annexure- 20		
(b)	Documents establishing goods eligibility and conformity to the online bidding documents. Provide it at Annexure- 20		
8.	Firms under MSE, Make in India etc. willing for the relaxations in the NIT are required to submit their complete and updated documents issued by the Competent Authority. Any false declaration will lead into breach of procurement process/contract and deemed fit action will be taken by the Institute apart from being rejection of the bid. Provide it at Annexure- 21		
9.	Apart from above, any other relevant document/ information. Annexure- Provide it at 22		

Bidder's authorized Signatory with Company Seal
Name: _____
Designation: _____

Annexure–1

Bidder Information Form

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

(On the Letter Head of the Bidding firm)

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

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

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

01.	Bidder's Legal Name [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 and Registration in India: [insert Bidder's legal address and registration]
06.	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]
07.	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.

Bidder's authorized Signatory with Company Seal

Name: _____

Designation: _____

Annexure–2

MANUFACTURERS' AUTHORIZATION FORM

(Refer para 5.1.2 (ix)(b) of the CSIR Manual)
(On the Letter Head of the Authorizing firm)

[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 for this NIT No____ dated___ specifically. We have not authorized any other dealer to quote for this NIT.

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

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

Title: [insert title]

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

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

Annexure–3

Online Bid Securing Declaration/ Ernest Money Deposit (BSD/EMD) declaration form

(Refer para 5.1.2 (ix)(d) & 6.1.1 (02) of the CSIR Manual)

(On the Letter Head of the Bidding firm)

(Non-submission of BSD/EMD Declaration will result in summarily rejection of the bid)

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)

Bidder's authorized Signatory with Company Seal
Name: _____
Designation: _____

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

Annexure-4

No Holiday listing/ debarred / Blacklisting Certificate

(On the Letter Head of the Bidding firm)

I/We hereby certify that our firm_____ has/have not been declared Holiday listing/ debarred / Blacklisting by any other CSIR Labs or Institutes / Government or public sector or private organizations/ Enterprises/ Company/ Association / Institute/ Academy/ University etc,. In case it is found wrong/ incorrect/ false, then CSIR-CIMAP can also take deemed fit action against our firm and our bid may be rejected.

Date & Signature of authorized person
For name of supplier / bidder
Company seal

Annexure-5

Deviation Statement form (Commercial)

(On the Letter Head of the Bidding firm)

I/We have gone through this NIT & all terms & conditions, which is/ are completely acceptable to me/us/ our firm or The following are the particulars commercial of deviations from the requirements of the NIT terms & conditions :

e-tender Clause/Terms & conditions	Deviation	Remarks (including justification)

Date: Bidder's authorized Signatory with Company Seal

Name: _____

Designation: _____

NOTE: Where there is no deviation, the statement should be returned duly signed with an endorsement indicating "No Deviations".

Annexure- 6

Lowest Rates quote certificate

(On the Letter Head of the Bidding firm)

I/We hereby certify that the rate(s) / Price (s)/ charge (s) quoted by me for procurement of ……in response of the tender ref No……. is/ are the same and not higher than those quoted with other CSIR Labs/Inst, Government, public sector, or private organizations. In case it is found wrong/ incorrect/ false, then the excess amount may be recovered from firm's bill, if it is not possible the same will be paid by our firm. CSIR-CIMAP can also take deemed fit action against our firm.

Bidder's authorized Signatory with Company Seal

Name: _____

Designation: _____

Annexure-7

Declaration on non-availability / Non Hosting of Item(s) on GeM
(On the Letter Head of the Bidding firm)

Ref: Tender No. …… Date _____

I/we here by checked and declare that the Item(s)…… quoted by M/s…….. (bidder name) for the procurement vide the tender ref No……. is/ are not uploaded on GeM Portal Of Govt. of India by Original Manufacturer/ Distributor/Dealer/Stockiest or any other supplier.

This is also confirmed that if the item will be uploaded/ sold on GeM, will be intimated to CSIR-CIMAP in advance. In case it is found wrong/ incorrect/ false, CSIR-CIMAP can also take deemed fit action against our firm.

Bidder's authorized Signatory
Name: _____
Designation: _____

Annexure-8

Undertaking for restricted / non restricted category
(On the Letter Head of the Bidding firm)

Ref: Tender No. …… Date _____

This is to certify that I/we here by Undertake and declare that the Item(s)…… quoted by M/s…….. (bidder name) for the procurement vide the tender ref No……. is/ are not under restricted category for sell /import / export under the any rules and regulation of National trade / International trade / restricted category of the current export-import policy of government of India.

or

It is under restricted category and undertake & declare that taken valid registration certificate (Copy enclosed) in case the item(s) under procurement fall(s) under the restricted category of the current export-import policy of government of India (if applicable)

In case it is found wrong/ incorrect/ false, CSIR-CIMAP/ Govt. Authority can also take deemed fit action against our firm.

Bidder's authorized Signatory
Name: _____
Designation: _____

Annexure-9

(On the Letter Head of the Bidding firm)

We hereby attach the attested copy of the last Audited Balance Sheet of our firm M/s_____, which is participating in this NIT.

Bidder's authorized Signatory
Name: _____
Designation: _____

Annexure-10

(On the Letter Head of the Bidding firm)

We hereby attach attested documents of firm's GST/Income Tax Registration Certificate/PAN Card and latest Income tax clearance certificate.

Bidder's authorized Signatory
Name: _____
Designation: _____

Annexure-11

Local Content Certificate (Not applicable for Foreign OEM)

(On the Letter Head of the Bidding firm)

No: Date:

Sub:- Local Content Certificate

Ref:- (i) Order. P-45021/2/2017 PP (BE-II) dated 04.06.2020 of DPIIT, Ministry of Commerce and Industry, Govt. of India.

(ii) CSIR-CIMAP NIT Ref No…… Date……

(iii) Bid Ref No. (E-tender ID)…..…….... Date...……

Sir,

This is to certify that the bidder M/s……..as supplier is declaring here by the percent of local content in our quoted item as per CSIR-CIMAP NIT requirement as under:-

'Local content' means the amount of value added in India which shall be as, It has been prescribed by the Nodal Ministry/ has not been prescribed by the Nodal Ministry'* for our quoted item, be the total value of the items has to be procured as per this NIT (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value, in percent.

I/ we M/s……..as 'Class-I local supplier/ Class-II local supplier/ Non- local suppler' ** hereby declare that our offered quoted items i.e., …… (Name of item(s)) as per referred CSIR-CIMAP NIT No…….date…….. having local content 'equal to or more than 50% (or percent as prescribed by respective nodal ministry for Class-I local supplier)/ more than 20% but less than 50% (or percent as prescribed by respective nodal ministry for Class-II local supplier)/ less than 20% (or percent as prescribed by respective nodal ministry for Non- local supplier)' *** of the total value of the items to be procured as per aforesaid NIT & prescribed in Order. P-45021/2/2017 PP (BE-II) dated 04.06.2020 of DPIIT, Ministry of Commerce and Industry, Govt. of India.

Following are the details of the location(s) at which the local value addition is made-

1…….

2…….

I hereby undertake that the content of the certificate is true in all respect.

Bidder's authorized Signatory and Seal

Name: _____

Designation: _____

'*', '**' & '***' strike off which is not applicable.

Annexure-12

Land Border Declaration Undertaking

(To be furnished on the Bidding Firm's Letter Head)

Ref No. Dated:

Sub:- Land Border certificate

Ref: (i) Ministry of Finance, department of Expenditure, Public Procurement Division OM F.No.6/18/2019-PPD dated 23rde July 2020

(ii) CSIR-CIMAP NIT Ref. No……..Date……

Procurement of ……

Certificate for the Land Border Declaration

"I have read the clause regarding restrictions on procurement from the bidder of a country which shares a land border with India.

*I certify that this Bidder is not from Land border country as stipulated in the aforesaid OM of Ministry of Finance a country, department of Expenditure, Public Procurement Division OM F.No.6/18/2019-PPD dated 23rde July 2020.

OR

**I hereby certify that this bidder is from land border country stipulated in the aforesaid OM of Ministry of Finance a country, department of Expenditure, Public Procurement Division OM F.No.6/18/2019-PPD dated 23rde July 2020 and fulfils all requirements in this regard and is eligible to be considered for this procurement The valid registration certificate issued by the Competent Authority is attached.

I hereby undertake that the content of the certificate is true in all respect.

Bidder's authorized Signatory
Name: _____
Designation: _____

(Seal)

*/**strike off which is not applicable.

Annexure–13

Undertaking for complying the proper submission of the Price Bid entries
(To be furnished on the Bidding Firm's Letter Head)

Ref No. Dated:

We, hereby, undertake that we have complied the Price entries as per the NIT requirement in given Price Bid Schedule.

Bidder's authorized Signatory
Name: _____
Designation: _____

Annexure–14

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

(Refer para 3.2.1 & 5.1.2 (ix)(m), 5.1.3 (02) (i) of the CSIR Manual)

(On the Letter Head of the Bidding firm)

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 of ITB of your Tender document, Refer para 3.2.1 & 5.1.2 (ix)(m),5.1.3 (02) (i) Conflict of Interest among Bidders/Agents of the CSIR Manual of procurement of goods 2019 & subsequent amendments 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,

Bidder's authorized Signatory and Seal
Name: _____
Designation: _____

Annexure-15

Bidder can use addition sheet to submit any other updated relevant document/information, if any

Annexure- 16

Performance, past experience, order copies & service support detail form-In Past Three Years

Name of the Firm…….

Order placed by (Address /e-mail of the Purchaser)	**Order No. and date**	**Description And quantity of the ordered equipment**	**Value of the order**	**Date of completion of the delivery as per contract**	**Date of actual completion of delivery**	**Remarks of late delivery if any**	**Has the equipment been installed satisfactory? (Documentary evidence)**	**Details of the Contact person (phone fax, email etc)**

Please provide documents in support of the above entries.

Signature and Seal of the manufacturer/ bidder…….
Place:
Date:

TECHNICAL SPECIFICATIONS OF 100 & 500 LITERS OF BIOFERMENTERS

100 L & 500 L Biofermenters with single control panel to fully automatic control of both (2 nos) biofermenters with all sensors, valves, pumps for 2 systems. The supply and assembly of the above units, complete installation, demonstration, and satisfy all the parameters as per the specification. The Biofermenters and their accessories are tested at the firm site before delivery to CSIR-CIMAP

1. 100 L Biofermenter

General	1. Working Volume 75-80 L; Total Volume 100 L or more Minimum working volume: 20 L 2. Designed for microbial cell culture for batch, fed batch and continuous operation. 3. All wet parts in contact with fermentation broth/reagents/feed, etc should confirm to FDA guidelines. All elastomers used are to be of food grade materials, quality tested and certified as per USFDA 21 CFR. 4. Capable of rapid temperature shift in growth phase to allow heat induction. 5. The equipment to be designed to comply with ASME Pressure Vessel Standards and ASME certified. 6. Construction: The fermenter must be floor standing vessel on skids made of SS304 tubes/square pipes. Control panel: SS304 for transmitters and switch gear. Air, chilled water and steam lines to be provided with pre-filter. 7. Rupture disc and/or suitable safety device to be provided for vessel and all utility lines (air, water and steam lines) 8. 5 assignable peristaltic pumps with individual control unit and also, capability to be connected to PLC/Microprocessor based control system for acid, alkali, antifoam and nutrients. Also, provide 5 suitable sterilizable containers for acid and alkali (for pH control), antifoam (for foam control), nutrients (for feeding), and draining fermentation medium after completion along with support stand. 9. All electrical and electronic parts should be splash protected. 10. Calibration certificates for all sensors to be provided. 11. The vessel should be designed for: a. Automated Empty Vessel Sterilization b. Automated Full Vessel Sterilization. c. Independent sterilization of inlet filter, feed lines and vessel. d. Manual air and oxygen gas measurement, sampling and harvesting 12. Fermenter system to be CIP and SIP design and cGMP and validation compliant. 13. Feeding pumps to have capacity to deliver against pressure up to 1 atmosphere. 14. Mechanical documentation, flow charts and valve matrix, P&I diagram, general arrangement drawing and layout drawing, Operation and maintenance manual of the whole system are to be supplied. 15. The software provided must be cGMP and validation compliant

Vessel System	1. The Vessel shall be designed with a working volume in the range 75 L to 80 L and total volume of 100 L and the lid to be provided with lifting handle (Hydraulic lift or equivalent) 2. 4 nos detachable Baffles to be provided 3. Aspect ratio: 2:1 to 2.5:1 4. The vessel is to be made of SS316L material and provided with a SS316 jacket for cooling. 5. The internal surface of the vessel to be electropolished to a Ra value of less than or equal to 0.4 µm and the outer surface should be finished and polished to an Ra value of less than or equal to 1.25 µm. 6. *Vessel Pressure*: Vessel working pressure 2.0 Kg/cm^2/full vacuum, vessel design pressure 3.0 Kg/cm^2, jacket working pressure 3 Kg/cm^2 and jacket design pressure 4.0 Kg/cm^2). 7. *Temperature*: Vessel and jacket design temperature (0 to 150 ^{o}C), and working temperature (5 to 140 ^{o}C) 8. 8 Ports for Exhaust, Light glass, Pressure Gauge, Pressure Sensor, Steam/ CIP, Safety Relief Valve, foam sensor, Level sensor, acid addition, alkali addition, antifoam and feed addition, sparger air inlet, Jacket inlet and outlet, inoculum transfer line, temperature sensor, pH sensor, dissolved oxygen sensor, sampling, agitator, spray ball, etc. 9. **The equipment to be designed for-** **a.** Automated Empty Vessel Sterilization, b. Automated Full Vessel Sterilization. c. Independent sterilization of inlet filter, feed lines and vessel. d. Manual air and oxygen gas measurement, sampling and harvesting
Piping	1. The process piping should be made of SS 316L material and the utility piping of SS 304/ 316/ 316L.
Agitation System	1. Drive: Top driven system with double mechanical seal. The seal assembly shall be of aseptic design, free of any crevices between the primary inner seal ring and shaft. 2. Type of impeller: adjustable Rushton turbine impellers (3 nos.) to provide good mixing and oxygen transfer for high cell density culture. 3. Agitation rate: At least 75 to 750 rpm (or better) and agitator shall be suitable for the range of specified operating and ambient conditions and for variable speed operation with control by an independent control loop having an accuracy of ± 1% of full scale. Feedback control for agitation control VFD must be provided. 4. Facility for easy removal of agitator and its components from the vessel for maintenance and cleaning. 5. Control: PID, feedback control of agitation rpm. 6. Sensor: Photo-optical Encoder or Tachometer 7. Indication: Digital
Aeration System	1. Provision for mixing at least two/three gases (air and oxygen/ nitrogen), necessary rotameters, valves, gas mix station to be included. 2. 2 nos separate MFC (mass flow controller) for measurement and control of gas flow of oxygen and gas flow of air) for Dissolved Oxygen Control. 3. Air supply capacity: 4. For 100 L fermenter: Air: ≥ 200 LPM, Oxygen ≥ 100 LPM 5. The air sparger and top airline in the vessel to be fitted to the air inlet line with a sterilizable-in-place air filter (with SS 316 L housing). 6. A ring sparger to facilitate the even distribution of gases. 7. Manual rotameter must be provided separately to both air and oxygen flow rate.
Dissolved Oxygen (DO)	1. Probe: In-situ sterilizable fast response Dissolved Oxygen sensor with cable 2. Control: PID Cascade control function with any one and any combination of four parameters (stirrer speed, aeration rate, gas mix and substrate feed) simultaneously. Capable of controlling DO in a range of 0 - 100% saturation (within ±2% accuracy).

Exhaust System	1. Provide sterilizable-in-place air filter (with SS 316 L housing) and exhaust condenser (for removal of moisture to protect exhaust filter from getting wet).
Pressure Control System	1. The exhaust line should be fitted with a suitable valve for control of pressure in the vessel. 2. An electronic pressure sensor cum transmitter should be fitted on the vessel lid to monitor vessel pressure. Accuracy of pressure sensor: 50 mbar 3. Provide an automatic pressure control system.
Temperature Control System for sterilization and cultivation	1. The vessel should be designed for: a. Automated Empty Vessel Sterilization b. Automated Full Vessel Sterilization. c. Independent sterilization of inlet filter, feed lines and vessel. 2. Sensor: RTD/Pt 100 3. Range: At least 10 ^{o}C above cooling water temperature up to 150 ^{o}C or, more with an accuracy of ± 1.0 ^{o}C. 4. Temperature to be controlled (PID control) by steam/ built in steam or hot water generator and cooling/chilled water. The exact temperature control mechanism, through use of valves, centrifugal pumps.
pH Control System	1. Control: PID, within ± 0.1 pH set points, with facility for dead band, control by addition of acid and base. 2. Indication: Digital display. 3. Probe: Fermenter *In-situ* sterilizable pH probe with plug and cable.
Foam Control System	1. Foam sensor with cable to be provided on the vessel to activate the peristaltic pump fitted in the antifoam inlet line to add the required quantity of antifoam agent.
Feeding Pumps	1. 05 peristaltic pumps should be provided along with the system. These pumps must be "assignable" and should be able to deliver against 1 atmospheric pressure. Pump flow rate for acid, base, and anti-foam pumps: 10ml/min to 250 mL/min. Feed pump flow rate: 250mL/min to 2L/min. Harvest pump flow rate: 5L/min or higher. The pumps must be configurable using the control system provided. 2. One level sensor (other than foam sensor), for level measurement and control, is to be provided.
Sampling and Harvest System	1. Aseptic sampling system, steam supply valve and condensate trap for sterilization of sampling assembly before/ after every sampling. 2. In case of harvest system different from sampling system, steam supply valve and condensate trap for sterilization of harvest assembly before and after harvest to be provided. 3. Additionally, 4 vessels/bottles: Suitable addition vessels made of glass (Schott-Duran), sterilizable and suitable aseptic operation for acid, base, antifoam (2 L each) and feed (20 L) along with suitable tubing and connectors to be provided. These vessels must be reusable, sterilizable and should be compatible for aseptic operation. The vessels should be provided with suitable connectors and membranes for attaching the same with the fermenter vessels.

2. 500 L Biofermenter

General	1. Working Volume 375 L to 400 L; Total Volume 500 L or more Minimum working volume: 100 L 2. Designed for microbial cell culture for batch, fed batch and continuous operation. 3. All wet parts in contact with fermentation broth/reagents/feed, etc should confirm to FDA guidelines. All elastomers used are to be of food grade materials, quality tested and certified as per USFDA 21 CFR. 4. Capable of rapid temperature shift in growth phase to allow heat induction. 5. The equipment to be designed to comply with ASME Pressure Vessel Standards and ASME certified. 6. Construction: The fermenter must be floor standing vessel on skids made of SS304 tubes/square pipes. Control panel: SS304 for transmitters and switch gear. Air, chilled water and steam lines to be provided with pre-filter. 7. Rupture disc and/or suitable safety device to be provided for vessel and all utility lines (air, water and steam lines) 8. 5 assignable peristaltic pumps with individual control unit and also, capability to be connected to PLC/Microprocessor based control system for acid, alkali, antifoam and nutrients. Also, provide 5 suitable containers for acid and alkali (for pH control), antifoam (for foam control), nutrients (for feeding), and post fermentation processing along with support stand. 9. All electrical and electronic parts should be splash protected. 10. Calibration certificates for all sensors to be provided. 11. The vessel should be designed for: a. Automated Empty Vessel Sterilization b. Automated Full Vessel Sterilization. c. Independent sterilization of inlet filter, feed lines and vessel. d. Manual air and oxygen gas measurement, sampling and harvesting 12. Fermenter system to be CIP and SIP design and cGMP and validation compliant. 13. Feeding pumps to have capacity to deliver against pressure up to 1 atmosphere. 14. Mechanical documentation, flow charts and valve matrix, P&I diagram, general arrangement drawing and layout drawing, Operation and maintenance manual of the whole system are to be supplied. 15. The software provided must be cGMP and validation compliant
Vessel System	1. The Vessel shall be designed with a working volume in the range 375 L to 400 L, and total volume of 500 L and the lid to be provided with lifting handle (Hydraulic lift or equivalent) 2. 4 nos detachable Baffles to be provided. 3. Aspect ratio: 2:1 to 2.5:1 4. The vessel is to be made of SS316L material and provided with a SS316 jacket for cooling. 5. The internal surface of the vessel to be electropolished to a Ra value of less than or equal to 0.4 µm and the outer surface should be finished and polished to an Ra value of less than or equal to 1.25 µm. 6. *Vessel Pressure*: Vessel working pressure 2.0 Kg/cm^2, vessel design pressure 3.0 Kg/cm^2, jacket working pressure 3 Kg/cm^2 and jacket design pressure 4.0 Kg/cm^2). 7. *Temperature*: Vessel and jacket design temperature (0 to 150 ^oC), and working temperature (5 to 140 ^oC) 8. 8 Ports for Exhaust, Light glass, Pressure Gauge, Pressure Sensor, Steam/ CIP, Safety Relief Valve, foam sensor, Level sensor, acid addition, alkali addition, antifoam and feed addition, sparger air inlet, Jacket inlet and outlet, inoculum transfer line, temperature sensor, pH sensor, dissolved oxygen sensor, sampling, agitator, spray ball etc. 9. **The equipment to be designed for-** a. Automated Empty Vessel Sterilization, b. Automated Full Vessel Sterilization. c. Independent sterilization of inlet filter, feed lines and vessel.

	d. Manual air and oxygen gas measurement, sampling and harvesting
Piping	1. The process piping should be made of SS 316L material and the utility piping of SS 304/ 316/ 316L.
Agitation System	1. Drive: Top driven system with double mechanical seal. The seal assembly shall be of aseptic design, free of any crevices between the primary inner seal ring and shaft. 2. Type of impeller: adjustable Rushton turbine impellers (3 nos.) with 6 blades to provide good mixing and oxygen transfer for high cell density culture. 3. Agitation rate: At least 50 to 500 rpm (or better) and agitator shall be suitable for the range of specified operating and ambient conditions and for variable speed operation with control by an independent control loop having an accuracy of ± 1% of full scale. Feedback control for agitation control VFD must be provided. 4. Facility for easy removal of agitator and its components from the vessel for maintenance and cleaning. 5. Control: PID, feedback control of agitation rpm. 6. Sensor: Photo-optical Encoder or Tachometer 7. Indication: Digital
Aeration System	1. Provision for mixing at least two/three gases (air and oxygen/ nitrogen), necessary rotameters, valves, gas mix station to be included. 2. Separate MFC (mass flow controller) for measurement and control of gas flow of oxygen and gas flow of air) for Dissolved Oxygen Control. 3. Air supply capacity: For 500 L fermenter: Air: $\geq$ 1000 LPM, Oxygen $\geq$ 300 LPM 4. The air sparger and top airline in the vessel to be fitted to the air inlet line with a sterilizable-in-place air filter (with SS 316 L housing). 5. A ring sparger to facilitate the even distribution of gases. 6. Manual rotameter must be provided separately to both air and oxygen flow rate.
Dissolved Oxygen (DO)	1. Probe: In-situ sterilizable fast response Dissolved Oxygen sensor with cable 2. Control: PID Cascade control function with any one and any combination of four parameters (stirrer speed, aeration rate, gas mix and substrate feed) simultaneously. Capable of controlling DO in a range of 0 - 100% saturation (within $\pm$2% accuracy).
Exhaust System	1. Provide sterilizable-in-place air filter (with SS 316 L housing) and exhaust condenser (for removal of moisture to protect exhaust filter from getting wet).
Pressure Control System	1. The exhaust line should be fitted with a suitable valve for control of pressure in the vessel. 2. An electronic pressure sensor cum transmitter should be fitted on the vessel lid to monitor vessel pressure. Accuracy of pressure sensor: 50 mbar 3. Provide an automatic pressure control system.
Temperature Control System for sterilization and cultivation	1. The vessel should be designed for: a. Automated Empty Vessel Sterilization b. Automated Full Vessel Sterilization. c. Independent sterilization of inlet filter, feed lines and vessel. 2. Sensor: RTD/Pt 100 3. Range: At least 10 ^{o}C above cooling water temperature up to 150 ^{o}C or, more with an accuracy of ± 1.0 ^{o}C. 4. Temperature to be controlled (PID control) by steam/ built in steam or hot water generator and cooling/ chilled water. The exact temperature control mechanism, through use of valves, centrifugal pumps, heat exchangers.
pH Control System	1. Control: PID, within $\pm$ 0.1 pH set points, with facility for dead band, control by addition of acid and base. 2. Indication: Digital display. 3. Probe: Fermenter in-situ sterilizable pH probe with plug and cable.
Foam Control System	1. Foam sensor with cable to be provided on the vessel to activate the peristaltic pump fitted in the antifoam inlet line to add the required quantity of antifoam agent.
Feeding Pumps	1. 05 peristaltic pumps should be provided along with the system. These pumps must be "assignable" and should be able to deliver against 1 atmospheric pressure. Pump flow

	rate for acid, base, and anti-foam pumps: 50 ml/min to 500 mL/min. Feed pump flow rate: l L/min to 5 L/min. Harvest pump flow rate: 10 L/min or higher. The pumps must be configurable using the control system provided. 2. One level sensor (other than foam sensor), for level measurement and control, is to be provided.
Sampling and Harvest System	1. Aseptic sampling system, steam supply valve and condensate trap for sterilization of sampling assembly before/ after every sampling. 2. In case of harvest system different from sampling system, steam supply valve and condensate trap for sterilization of harvest assembly before and after harvest to be provided. 3. Addition vessels/bottles: 6 Suitable addition glass vessels (Schott-Duran make), sterilizable and suitable aseptic operation for acid, base, antifoam (5 L) and feed (20 L x 3 nos) along with suitable tubing and connectors to be provided. These vessels must be reusable, sterilizable and should be compatible for aseptic operation. The vessels should be provided with suitable connectors and membranes for attaching the same with the fermenter vessels
Control System Design	1. Both the fermenters should be connected aseptically suitable connections must be provided to connect the both the fermenters aseptically. 2. The Control Platform for the equipment shall be an industry standard microprocessor based/ PLC control system, with operating panel for viewing set points, process parameters, necessary trends etc. Visual and audible alarms for deviations from set parameters; Interlocks to ensure safety and prevent equipment damage. Provision for battery pack with the controller to prevent loss of set points in case of power failure.

3. Control tower common for both fermenters

The control panel is a centralized unit that manages and monitors fermenters. The control panel will feature advanced automation and control capabilities, ensuring efficient and consistent operation.

Display size	15" (in biofermenter)
Display type	Touchscreen, colour display
Resolution	High resolution for clear and detailed display of process parameters and control screens
User Interface	Intuitive and user-friendly interface for ease of operation
PLC-Based system	Control operation
Variable Frequency Drives (VFDs)	Control cabinet housing VFDs for all fermenters to manage agitation speed and other motor-driven operations
Operator Interface Terminal	Centralized terminal for operator interaction with the system
Control functions	PID control Temperature; Agitation speed; DO; pH; Back pressure; Level monitoring, optical density/turbidity measurement, foam level, liquid/feed addition, pumps for addition of acid, base, antifoam, feed, pO_2 in a programmable manner so that microbial growth/fermentation can be carried out
Real-Time Monitoring	Real-time data acquisition and display process parameters
Alarm management	Visual and audible alarms for deviations from set parameters; Interlocks to ensure safety and prevent equipment damage
Data Logging	Continuous logging of process parameters for historical analysis and quality control
Recipe Management	Centralized management of pre-defined recipes for vessel sterilization, fermentation control, etc

Reporting	Generation of reports for process validation and compliance
Hardware and software for data logging and fermentation process control	Windows based Supervisory Control and Data Acquisition (SCADA) software for monitoring and control of various parameters with security features. The software must be cGMP and validation compliant. The software must have capability for remote log in through LAN for real time data login and process control. Must have facilities for process validation, batch management features, multi-parameter display, time based programming of set points, regulation of process by both measured and calculated variable and its integration for control of fermenter parameters, ability to set both high and low limits and alarms, graphic/plotting, off-line data integration (data sheet may be compatible with MS Excel etc.) and batch reports. It should have facilities for manual override of all values, set points and process parameters during the process. The quote must include both software and hardware.
Power supply	Redundant power supply for uninterrupted operations
Main and Emergency Power Shut-Off Switches	Safety and management handling
Screen/ visual system for display	LED Display system size 40-50" (this LED display must be included in the quote)

4. Cooling Tower

Compactable with the fermenter systems with refrigerant capacity 40 TR.

5. Chiller

Equipment type	Skid mounted water-cooled chiller
Tank size	500 L
Cooling water temperature	12 ^{o}C
Maximum ambient temperature	55 ^{o}C
Maximum relative humidity	100%
Compressor model	Reciprocating; Emerson Copeland
Refrigerant capacity	7.5 TR
Water flow rate	2500 LPH
Water outlet temperature	17 ^{o}C
Refrigerant gas	R-22
Input power (Compressor Oil free)	3.5 KW/unit
Power efficiency	1.16 KW/TR
Control supply	AC Single phase 230 V
Noise level	Less than 70 dB at 1-meter distance/unit
Water flow rate	2500 LPM
Condenser	Finned Copper tube type; Axial Fan
Evaporator	Coil in tank type
Expansion valves	Expansion valves for minimum superheat for evaporator
Gas piping	Interconnecting refrigerant piping of Copper; Structural stand for compressor, condenser, liquid receiver, chiller
Control panel	Electro-Mechanical with fault indications
Safety Interlocks	LP switch & gauge; HP switch & gauge; Compressor overload trip;

	Digital temperature controller

6. Boiler

The boiler is supported fermenters, various equipment's and associated utilities

Equipment type	Electrical steam generator
Steam generation capacity	100 kg/h
Heater power	80 KW, 415 Volt, 3 Phase
Pump power	1 HP
Auto feed	Automatic water feed system to maintain the water level in the boiler
Water overflow Cutoff	Safety feature to prevent water overflow
Auto High pressure Cutoff	Automatic cutoff to prevent pressure from exceeding safe levels
Vessel	Vessel body should be SS304
Body material of construction	MS with power coating for corrosion resistance
Insulation	Insulated with glass wool to minimize heat loss and improve energy efficacy
Piping and Connections	Inlet connection (1/2" diameter); Outlet connection (1/2" diameter); Drain connection (1/2" diameter)
Control panel	Includes necessary controls for operation, safety interlocks, and indicators for system monitoring

7. Compressor with Dryer (oil free compressor)

The Compressor is supported fermenters, various equipment's and associated utilities

Equipment type	Air compressor with Dryer
Pressure	10 Bar
Motor power	15 HP
Capacity	30 CFM @10 Bar
Air Connection	2"
Safety features	Overload protection; Emergency stop button; Pressure relief valve
Dryer	Integrated dryer to ensure the supply of dry, moisture-free air to the fermenter
Outlet 3-stage filter	Stage 1 – Coalescing fitter to remove oil and water aerosols; Stage 2 – Particulate filter to remove fine particles; Stage 3 – Activated carbon filter to remove oil vapors and odors
Structure	Robust structural stand for mounting the compressor, dryer, and filters
Piping	Interconnecting piping of Copper. Proper insulation and support to ensure minimal vibration and noise
Control panel	Electro-mechanical control panel with fault indications. Includes start/stop buttons, pressure gauges, and status indicators. Ensure reliable starting of the compressor motor. Reduces vibration and noise transmission, ensuring smooth operation. For easy maintenance and efficient separation of oil from the compressed air
LP switch & gauge	Low-pressure switch and gauge for monitoring
HP switch & gauge	High-pressure switch and gauge for monitoring
Compressor overload trip	Protection against motor overload

Digital temperature controller	For precise temperature control of the dryer

8. RO plant

Capacity	100 LPH
Quality of treated water	pH (6.5-7.3), Conductivity (mic/cm^2) <1, Residual dissolved solids 1 ppm (max.), Silica (0.05 ppm)
Multi-grades and Filtration Unit	-
Activated Carbon Filter	-
Antiscalent Dosing System	One electronic metering pump complete with suction delivery valves and required flexible high pressure tubing capacity 5 L/hr, Back Pressure 4 bars, Make FTPS/E-Dose, One HDPE 10 L capacity chemical tank
Micron Filtration	One-micron filter housing length 40", inlet/outlet connection 3/4" with air release valve, One 5 micron rating polypropylene cartridge size 20" long
Reverse Osmosis system	-
RO water storage tank	Capacity 2000 L
RO Cleaning / Flushing systems	-
Mixed Bed Feed Pump	SS
Mixed Bed Unit	-
Detail specification	Compact skid, Front table for control instruments, Pre-filter made of polypropylene, Glycerol filled pressure gauges, High pressure pump made of stainless steel, RO pressure vessel made of glass fiber/SS, RO membrane (Hydranautics/Oltramere), Ball valves, Rota meters, PUVC fittings, Control panel, Online TDS meter along with TDS sensor

8. Utilities Pipeline

The supply, installation, commissioning, and demonstration of the interconnection of pipelines from the utilities (boiler, chiller, and compressor) to the fermentation plant. The scope included the insulation of pipelines for all utilities to ensure efficiency and safety.

Scope of work	Interconnection of pipelines from the utilities (boiler, chiller, and compressor) to the plant; Insulation of pipelines for all utilities to ensure minimal heat loss and safety; All piping work should comply with relevant standards and best practices
Material construction	Utility piping – SS304 for all utility lines; Insulation material – High quality insulation material suitable for the specific utility
Pipeline installation	Proper routing to ensure minimal pressure drop and ease of maintenance. Use tri-clamp or sanitary connections where applicable for easy assembly and disassembly. All pipelines should be supported and anchored properly to prevent sagging and vibration. Pressure regulator valve connected to pipeline (air/water) for monitoring the pressure. The pine lines are connected to suitable filters and P.R.V (pressure release valve).

Insulation	Insulation thickness should be suitable for the operating temperature of the utility. All insulated pipelines should have a protective cladding to prevent damage to the insulation material. Insulation should be continuous and seamless to prevent heat loss or gain. All joints and seams should be properly sealed to ensure the integrity of the insulation.

9. Computer with printer

Suitable branded latest computer system	16 GB RAM or higher, 1 TB SSD, RWDVD Drive with licensed and genuine operating system (latest and compatible window) having 24 inch (approx.) monitor of latest technology
Processor	i7 processor
Software	Updated original MS office software & PDF reader and writer for report commissioning
Accessories	Branded multi-function (PSC) duplex laser printer of standard quality

10. Warranty

The system should be supplied with minimum five-years on-site warranty (1-year standard + 4 years extended warranty) from the date of installation with local service support). Additionally, to mention the AMC break-up from 6^{th} to 10^{th} Year.

11. Experience of the firm for this job

At least 5 years of fermentation experience, and 3 years of pilot-scale fermentation experience on installation, and commissioning in the volume of 500 L capacity or more in Govt Sector, Public sector, University, or reputed industries. At least provide one order copy of value equal to or more than the indenting value. Supplier must submit satisfactory performance certificates from at least 5 users (In last 7 years only) with user name, mobile number, and email id for cross verification, which operating the biofermenter of capacity 500 L or more in the institute like Govt Sector, Public sector, University, or reputed industries to the effect that they satisfied the working of the equipment and service provided by the supplier.

12. Delivery period and successful installation

The delivery of all components, the installation at CSIR-CIMAP premises, and complete functional demonstration will be completed within 20 weeks after receiving the PO.

13. Training of users and after installation service

At least provide training minimum 10 students/ faculties at the installation site for a week with complete demonstration of main equipment's performance, and operating procedures including its accessories. If any break down in the equipment or its accessories to attain the call within 48 hours.

14. Necessary requirement

A complete installation and demonstration of functionality of bioreactors should be done at the user site including all tubing and accessories. The firm should submit 10% PBG.

15. Mandatory makes (INSTRUMENTS & COMPONENTSPECIFICATIONS) (must be included in the Bids)

(i) Valves & Housings

Manual Diaphragm Valve	MOC: SS316L, Steam Sterilizable 8 mm to 100 mm forged body	Burkert/ Gemu
Pneumatic Diaphragm Control Valve	MOC: SS316L, Steam Sterilizable 8 mm to 100 mm	Burkert/ Gemu
Automatic Flush Bottom Valve with SIP	MOC: SS316L, Steam Sterilizable	Burkert/ Gemu
Sampling Valve with SIP	MOC: SS316L, Steam Sterilizable	Burkert/ Gemu
Aseptics 3 –way Double Block and Bread	MOC: SS316L, Steam Sterilizable	Burkert/ Gemu
Pneumatic Control Valve	MOC: SS316L, Steam Sterilizable 15 mm to 100 mm	Burkert/ Gemu
Angle Seat Valve	MOC: SS316L, Steam Sterilizable 100 mm to 300 mm	Burkert/ Gemu
Back Pressure Control Valve	-	Burkert/ Gemu
Flush Bottom Valve	-	Burkert/ Gemu
Flap Check valve	MOC: SS304	Alfa Laval/ Forbs Marshall/ Gemu
Steam Trap valve	MOC: SS304	Alfa Laval/ Forbs Marshall/ Gemu
Aseptics Clean Trap Valve	MOC: SS316L	Alfa Laval/ Forbs Marshall/ Gemu
Aseptics NRV	-	Alfa Laval/ Forbs Marshall/ Gemu
Ball Valves	MOC: SS316L	Alfa Laval/Cipriani Harrison
Safety Valve	Aseptic Connection	Cipriani Harrison/ Forbs Marshall
Jacket Safety Valve	Screwed Union end Connections	Sweaglok/ Cipriani Harrison/ Forbs Marshall
Spray Ball	Removable Spray Ball	Alfa Laval/ Lechler/ Sweaglok
Pressure transmitter	Sanitary End Connections	Baumer/Tescom/WIKA
pH/DO Housing	MOC: SS316L	Mettler-Toledo/ Anderson Negele

(ii) Instrumentation

pH Sensor & Transmitter	Gel Filled, Sterilizable probe, 25 mm port, MOC: SS316L end connection	Mettler-Toledo/ Anderson Negele/Hamilton
DO Sensor & Transmitter		Mettler-Toledo/ Anderson Negele/Hamiliton
Temperature Sensor & Transmitter	Sanitary End Connection	Radix/ Dwyer
Turbidity (OD)	Single Channel NIR Absorption Probe, 0-6 AU, 0.01 AU	Hamilton
Pressure Gauge for Vessel	Diaphragm type, glycerin filled, TC end connection, MOC: SS316L	Baumer/Tescom/Huba Control
Pressure Gauge for Jacket/Limpet	Bourdon type, threaded end connection MOC: SS304	Baumer/Tescom/Huba Control

Anti-Foam Sensor	Conductivity Based	Anderson Negele/ Mettler-Toledo
Differential Flow Transmitter	-	E+H/ Emerson/ Burkert
Air Flow Controller	Mass Flow (Vortex Type)	E+H/ Emerson/Burkert
Peristaltic Pump	-	Watson marlow/ Bühler Technologies GmbH
DPT (Differential Pressure Transmitter)	-	E+H/ Emerson/Burkert

(iii) Filters

Inlet Air Filter	0.2µ, In-situ Sterilizable	Sartorious/ Pall/ Cytiva
Exhaust Air Filter	0.2µ, In-situ Sterilizable	Sartorious/ Pall/ Cytiva
Filter Housing	MOC: SS316L, Electro polished 0.5µ interior, passivity 0.8µ exterior surface	Sartorious/ Pall/ Cytiva

(iii) Others

Rotameter	Acrylic body SS316L threaded end connections	Flowtech/Flowstar/Dwyer
Circulation pump	MOC: SS304	Willo/Grundfos
Condenser	Tube Type	SB/Admiralty industries
Peristaltic Pump	Acid/Base/Antifoam/Nutrients	Watson marlow/ Bühle Technologies GmbH
Motor Drive/ Servo drive	Variable frequency drive	SIEMENS/DELTA
Magnetic Flow Meter	Liquid Flow Controller	E+H/ Emerson/ Burkert
PLC/SCADA	-	SIEMENS/ABB/Schneider
HMI (ICP)	TOC 1551T-E3AE, 19"	SIEMENS/ ABB/Schneider
Pipeline	-	CSE/Kinglai/Rensa
Power supply	-	Lubi/Advanced Conversion Technology
VFD	-	ABB/Siemens
Rupture Disc	-	Fike
Mechanical seal	-	EagleBurgmann/Flowserve's
Gear Box	-	Bonfiglilio/ Rolon
Illumination Lamp	3 WattLED, SS304casing,ON/OFF switch	Phillips/Lubi
Electrical/ Instrument panel	MOC: SS304	Mattfinish splash proof
Control panel	-	Eldon/Rittal
Pneumatic Accessories	-	SMC/Janatics
Stirrer	-	Rushton Blade Impellor Flange Mounted Motor (6 blade disk impeller 3)

Each set will come under warranty period after its successful installation and commissioning. However, the validity of standard warranty of each set will be extended up to one year from the date of successful installation, commissioning and final acceptance by the user at the fourth site.

Vendor should carefully fill up the rates in price bid for the main equipment with accessories including standard warranty, year wise price break-ups of extended warranty and year wise price break-ups of AMC/CMC charges (in case, specifically asked in the NIT) and the same should be confirmed without quoting price in the techno-commercial bid. Non-compliance of this may lead to summarily rejection of the Bid.

(B) Delivery Schedule (IO/PL to fill it carefully)

<table>
<tr><th rowspan="2">Schedule</th><th colspan="2">Period</th><th rowspan="2">Reference</th></tr>
<tr><th>Purchaser's requirement</th><th>Supplier's response</th></tr>
<tr><td>Expected delivery period</td><td rowspan="3">With in 142 Days</td><td rowspan="3">-------</td><td rowspan="3">From the date of issue of the Purchase Order in the respective sites of CSIR-CIMAP

CSIR-CIMAP Kukrail Picnic Spot Road, Post Office CIMAP Lucknow-226015</td></tr>
<tr><td>Expected installation & commissioning period</td></tr>
<tr><td>Expected Period of Demonstration, observation and training</td></tr>
</table>

C. Allied Technical Details-

S.N.	Allied technical details	bidder's response
1.	Product catalogues/ user manual/ other informative material/ sketches/ drawings etc.	Enclosed (Yes/ No) (Ensure that it should be up to date and page numbered)
2.	Country of origin (INDIA)	
3.	Place of dispatch of onsignment	
4.	Banker's details	
5.	Free Warranty/Guarantee for a period of	
6.	Extended Warranty/Guarantee for a period of	
7.	Installation , commissioning & training,	
8.	Details of service provider for after sales/complaints etc.	
9.	AMC including Visits & breakdown visits as stipulated in NIT	
10.	Comprehensive AMC/CMC including Visits & breakdown visits and spares (If asked in the NIT)	
11.	Details of accessories (if any)	
12.	List of non-consumables (if any)	
13.	List of consumables (if any)	
14.	Any other relevant detail	

Annexure- 18

DEVIATION STATEMENT FORM (Techno-commercial/Part-1 Bid)

1) The following are the particulars of deviations from the requirements of the e-tender specifications:

e-tender Clause/specifications	Deviation	Remarks (including justification)

Place:

Date:

Signature and seal of the
Manufacturer/ bidder

NOTE:

Where there is no deviation, the statement should be returned duly signed with an endorsement indicating **"No Deviations"**

Annexure- 19

Qualification requirements
(Pre-Qualification/Eligibility Criteria)

(a) Techno-commercial Capability: The bidder shall attach **documentary evidences** that it meets the following financial requirement(s):

i. Copy of the Last Audited Balance Sheet of the company
ii. Income Tax Registration Certificate/PAN No. and latest Income Tax Clearance Certificate
iii. Proof of Manufacturer's authorization
iv. Photocopy of Warranty Service Provider Agreement between the manufacturer and the Service Provider.
v. Details of Local service centers (Nearest place to the Purchaser)
vi. Photocopy duly attested of Certificate of compulsory enlistment of Indian Agents of foreign principals with DGS&D if quoting on their behalf. Date of enlistment must be before the date of opening of e-tenders?

(b) Experience and Technical Capacity: The bidder shall attach the documentary **evidences** to demonstrate that it meets the following experience requirement(s):

i. Performance statement in enclosed format: Past experience towards supply of **similar** Scientific equipment in other CSIR Labs/ Institutions/ Govt. org./ Govt. research Laboratory/ Govt. University/ Autonomous body/ PSU / Govt. Academics with contact detail & address.
ii. Client list with contact detail, responsive phone No., e-mail & address
iii. Product rage of **similar** Scientific Equipment/ Plant for research and development process.
iv. Copies of relevant work orders
v. Details of supplies of identical or similar equipment made to other CSIR labs/ Institutions for the preceding three years together with price eventually or finally paid.

(c) **Usage Requirement:** (By the Purchaser)- The bidder shall attach documentary evidence to demonstrate that the GOODS it offers, meets the usage requirement.

(d)The bidder should be an Indian manufacturer/authorized representative of a manufacturer who must have designed, manufactured, tested and supplied the equipment(s) similar to the type specified in the "Technical Specification". The MAF must be enclosed with the technical online bid. Such equipment's must be of the most recent series/models incorporating the latest improvements in design. The models should be in successful operation for at least one year as on date of Online bid Opening.

Signature and Seal of the manufacturer/ bidder…….
Place :
Date :

PART-II

Financial Online bid Forms

(On the Letter Head of the firm submitting the Online bid Document) (to be submitted in a separate envelope mentioning the details on it)

List of standard forms-

(1) Financial Online bid Letter

(2) Price Schedule-
(i) For abroad items
(ii) For indigenous items
(2) Statement for deviations from financial terms and conditions.

1. Financial Online bid Letter

The Director
Central Institute of Medicinal and Aromatic Plants
P.O.CIMAP, DISTT: Lucknow
PIN - 226016, Uttar Pradesh, INDIA

e-tender Reference No:
File reference No:

Subject: Price Online bid for_____.

Sir,

Having examined the online bidding documents and having submitted the technical online bid for the same, we, the undersigned, hereby submit the Financial Online bid for supply of goods and services as per the schedule of requirements and in conformity with the said online bidding documents.

We hereby offer to supply the Goods/Services at the prices and rates mentioned in the Financial Online bid. We shall be submitting the quote of NIT item(s), if any, in Indian Rupees in our Price bid.

We do hereby undertake that, in the event of acceptance of our online bid, the supply of Goods/Services shall be made as stipulated in the schedule to the Online bid document and that we shall perform all the incidental services.

The prices quoted are inclusive of all charges including installation and commissioning charges in the Central Institute of Medicinal and Aromatic Plants Lucknow or its units.

We enclose herewith the complete Financial Online bid in the prescribed e-tender format as per your requirement. This includes:

(1) Price Schedule- (Enclose whichever is applicable)
(i) Price Schedule for Goods being offered from ABROAD
(ii) Price Schedule for Goods being offered within INDIA
(2) Statement for deviations from financial terms and conditions.

We agree to a online bide by our offer for a period of One Hundred Eighty (180) days from the date fixed for opening of the online bid documents and that we shall remain bound by a communication of acceptance within that time.
We have carefully read and understood the terms and condition of the online bid document and we do hereby undertake to supply as per these terms and conditions. The Financial Deviation are only those mentioned in the statement of deviation from financial terms and conditions.

We do hereby undertake, that until a formal work order is prepared and executed, this online bid, together with your written acceptance thereof and placement of letter of intent awarding the work order, shall constitute a binding contract between us.

1. bidder's Legal Name *[insert bidder's legal name]*

2. In case of JV, legal name of each party: *[insert legal name of each party in JV]*
3. bidder's actual or intended Country of Registration: *[insert actual or intended Country of Registration]*
4. bidder's Year of Registration: *[insert bidder's year of registration]*
5. bidder's Legal Address in Country of Registration: *[insert bidder's legal address in country of registration]*

All corrections/deletions should invariably be duly attested by the person authorized to sign the online bid document).

Dated this day of_____ Signature of bidder

Details of enclosures

Full Address:
Telephone No.
Telegraphic Address:
E-mail:

COMPANY SEAL

2. Price Schedule Form

PRICE SCHEDULE FOR GOODS BEING OFFERED WITHIN INDIA

Name of the bidder_____
NIT Reference No._____
File Reference No._____

Sl. No.	Description/ Part No./ Make Mode*	Quantity	Unit Price (in INR)	Total Amount (in INR)
1.				
2.				
3…….				
Ex-Works Price-				
Packing & forwarding				
FOR (CIMAP Stores)				
Full GST/Full IGST (their rate(s)as the case may be, clearly specified)				
Transportation				
Insurance up to Destination /handover (in case of fabrication)				
Installation & Commissioning charges				
Training charges				
Additional Warranty Charges				
Annual Maintenance Charges				
Additional Warranty Charges 2nd year + Full GST				
Additional Warranty Charges 3rd year +Full GST				
Additional Warranty Charges 4th year +Full GST				
Additional Warranty Charges 5th year +Full GST				
Comprehensive /Annual Maintenance (CMC/AMC) Charges 6th Year) +Full GST				
Comprehensive Annual Maintenance (CMC/AMC) Charges 7th Year) + Ful l GST				
Comprehensive Annual Maintenance (CMC/AMC) Charges 8h Year) +Full GST				
Comprehensive Annual Maintenance (CMC/AMC) Charges 9th Year) +Full GST				
Comprehensive Annual Maintenance (CMC/AMC) Charges 10th Year) +Full GST				
Note: CSIR-CIMAP has currently no exemption / concession for IGST/GST. If it will be not quoted/ left blank/ NIL, then it will be treated as inclusive and can't be claimed/altered after expiry of Last date of submission of Bid. Additional warranty /CMC/AMC charges will be included in evaluation and it will be freezed in Purchase order. Payment of each year additional warranty /CMC/AMC will be made after satisfactory completion each year additional warranty / CMC/AMC separately. Detail terms & conditions are available in NIT clause No. 2.21. Bidders should quote the Additional Warranty and AMC/CMC as applicable in the NIT Specifications/ requirement.				

*****(On the basis of the technical specifications submitted)

Total Online bid price _____
In words_____
Note:
Cost spare parts may be indicated separately

Signature of bidder
Name _____
Business
Address_____

(iii) STATEMENT OF FINANCIAL DEVIATIONS

Following are the financial deviations and variation(s) from the exceptions to the specifications and documents for the online bid document. These deviation(s) and variation(s) are exhaustive.
Except these deviation(s) and variation(s), the entire work shall be performed as per your specifications and documents.

Sl No.	Section No.	Clause No.	Statement of Deviations / Variations

S. No. Section No. Clause No. Statement of deviation(s) and variation(s)

Signature of the bidder
Name:
Place:
Date:
Address:
Company Seal