
 राष्ट्रीय महासागर प्रौद्योगिकी संस्थान NATIONAL INSTITUTE OF OCEANTECHNOLOGY	निविदा आमंत्रण सूचना (नि. आ. सू) NOTICE INVITING TENDER (NIT)		
	फार्म संख्या: Form No.	NIOT/S&P/NIT e-procurement schedule	
निविदा संख्या / Tender No.	NIOT/HVT/1343/2024-2025		
कोजारी/ Tender Title	Rotary Evaporator with Chiller		
ननविदा प्रणाली/Tender Mode	OTTB (Open Tender Two Bid)- (GeM) - Buyback		
ननविदा जारी करनेकी तारीख/ Tender Issue date	06.11.2024		
Pre Bid Meeting Date & Time	20.11.2024 at 11:00 AM (IST) through webex		
ननविदा समापन नतथि और समय/ Tender Closing Date and Time	06.12.2024 at 11.00 AM		
ननविदा खोलनेकी नतथि और समय/ Tender Opening Date and Time	06.12.2024 at 11.30 AM		
Submission of EMD/ ईएमडी जमा करना	INR.3,28,000 /- a) Scanned copy towards EMD to be uploaded in the GeM portal b) Original EMD should be submitted through courier/speed post or in person dropped at the tender box. The original EMD should reach NIOT well before the Closing date and time of the tender.		
निविदा दस्तावेज उपलब्ध स्थान / Tender Documents available place	Tender documents can be downloaded from GeM Portal and NIOT website www.niot.res.in till closing date and time of the Tender.		
Bidding Type & Bid submission/ बोलीका प्रकार & ननविदा जमा करना	The tender is being Two Bid system, Techno-commercial Bid and BOQ (Price Bid) should be uploaded separately and electronically through GeM Portal The price/cost should not be revealed along with the technical bid. In case, the price/cost is revealed the bid is considered as invalid and summarily rejected.		
ई-निविदा के लिए हेल्प मैनुअल/ Help manuals for e-tender	Bidders may download the help documents Helpdesk number: 1800-419-3436 e-mail: helpdesk-gem@gov.in For any issues / clarifications relating to the tender(s) published kindly contact the respective Tender Inviting Authority.		
अपने प्रश्न ईमेल आईडी पर भेजें Send your queries to the email IDs	ननविदाके अंनतम चरण तक/Upto Tender finalization	hvt@niot.res.in	

राष्ट्रीय महासागर प्रौद्योगिकी संस्थान / NATIONAL INSTITUTE OF OCEAN TECHNOLOGY
वेलचरीताम्बरममेनरड / VELACHERY TAMBARAM MAIN ROAD
नोरायणपुरम, चेन्नई 600 100 / NARAYANPURAM, CHENNAI 600 100
रा.स.प्रौ.स्. वेबसाइट / NIOT Website <http://www.niot.res.in/tenders>

INTRODUCTION

National Institute of Ocean Technology (NIOT) is the technical arm of the Ministry of Earth Sciences, Government of India and is involved in developing technology for utilizing ocean resources in an eco-friendly manner.

Notice Inviting Tender (NIT)

National institute of Ocean Technology invites E-bids for the Procurement of Rotary Evaporator with Chiller under Buyback as per Technical specifications attached in the special condition of the contract (SCC) (Annexure -I).

1. Submission of bids: Bidders are requested to submit their Bid/quotation in two parts containing Technical proposal as Part-1 and price bid (BOQ) as Part-2 should be submitted electronically through **GeM Portal <https://gem.gov.in/>**. The responsibility to ensure timely submission of bid lies with the bidder. Bids submitted through FAX or e-mail will not be considered. Bidders shall also attach scanned copies of all the requisite documents i.e. other certificates/documents specified in the tender documents. The bids are to be submitted (electronically) as per the bidding type indicated in the front page of the NIT. The bidders are advised to register with GeM portal. Bidders are advised to submit their quotation in two Parts, **no manual tender is acceptable.**

Part-1 should contain Techno-Commercial Bid and duly signed blank price bid (without indicating the cost). All documents to be submitted for tender to be uploaded in the portal only. **The price/cost should not to be revealed in the technical bid, if the price/ cost is revealed, the tender will be treated as invalid.** The bids are to be submitted as per the bidding type indicated in the front page of the NIT.

Part-2 should contain only the price bid indicating the cost. The Part-1(Technical bid) and Part-2 (Price bid) should be uploaded separately, indicating the Tender No, Tender date, Tender due date and time. Please note that to participate in the tender. If you are a regular supplier of NIOT it is requested to register your company with portal and to procure if not owned already.

2. NIT: NIT shall form part of the LOI/Contract.

3. Pre-Qualification criteria:

A) Technical:-

The Bidder/OEM should have supplied similar type of equipment/system to the Government institutions/organizations/corporate sector/reputed organizations during the past three years from the date of tender published. The documentary proof of purchase orders along with its performance certificate and its installation completion certificate issued by the end user/client should be submitted.

B) Financial :-

(i) The average annual financial turnover of 'The bidder' during the recent three financial year ending 31.3.2024 should be **at least INR. 50 Lakh**, for the purpose of assessing the financial strength. The documents should, duly be authenticated by a Chartered Accountant/Cost Accountant in India or equivalent in relevant countries should be submitted.

(ii) The net worth of the Bidder firm should not be negative year ending 31.3.2024 and also should not have eroded by more than 30% (thirty percent) in last three years, year ending 31.3.2024.

(iii)

a) '**Doctrine of Substantial Compliance**': The Pre-Qualification Bidding (PQB) and Pre-Qualification Criteria (PQC) are for short listing of sources who are competent to perform this contract to ensure best value for money from expenditure of Public Money.

This process is neither intended to bestow any entitlement upon nor to create any rights or privileges for the Bidders, by way of overly hair-splitting or viciously legalistic interpretations of these criteria, disregarding the very rationale of the PQB and PQC.

Keeping this caveat in view, interpretation by procuring entity would be based on common usage of terminologies and phrases in public procurement in accordance with the 'Doctrine of Substantial Compliance' and would be final.

b) Along with all the necessary documents/certificates required as per the tender conditions, The bidder should furnish a brief write-up, backed with adequate data, explaining his available capacity (both technical and financial), for manufacture and supply of the required goods/equipment, within the specified time of completion, after meeting all their current commitments.

c) Supporting documents submitted by the bidder must be certified as follows:

(i) All copy of supply/work order; respective completion certificate and contact details of clients; documents issued by the relevant Industries Department/National Small Industries Corporation (NSIC)/manufacturing license; annual report, etc., in support of experience, past performance and capacity/capability should be authenticated by the by the person authorized to sign the tender on behalf of the bidder. Original Documents must be submitted for inspection, if so demanded.

(ii) All financial standing data should be certified by certified accountants, for example, Chartered Accountants/Cost Accountants or equivalent in relevant countries; and Indian bidder or Indian counterparts of foreign bidders should furnish their Permanent Account Number (PAN).

Note: Bidders not meeting the pre-qualification criteria as per Clause 3.A & 3.B will be summarily rejected.

4. Pre-bid meeting: Pre-bid meeting shall be held on **20.11.2024 at 11:00 AM** through video conference to clarify queries from all potential bidders. Potential bidders are advised to send their queries sufficiently in advance by email to hvt@niot.res.in . The meeting link will be uploaded as a corrigendum. A Corrigendum will be issued based on pre-bid meeting clarifications and shall form part of the NIT.

INSTRUCTION TO BIDDERS:

5. Security: Any information /material/document uploaded along with this tender or after award of contract should not be disclosed or copied without written permission from NIOT.

6. Contacting NIOT: No correspondence / discussion / visits whatsoever will be entertained on the subject unless specifically called by this office after opening the tender for clarifications in writing. Any violation of this will render the quotation invalid and the firm is liable to be removed from our approved vendor list. However, if bidder requires any clarification on the bid, the query may be mailed to the mail ID **hvt@niot.res.in**

7. Tender Opening: All the Bidders can participate in the e-tender opening with proper authorization letter from the respective Company.

8. Default in Performance: If any bidder is not successfully discharging their contract obligations against the awarded contract on them by NIOT within the agreed time limit, (OR) if there is any deficiency in performing such obligations, NIOT reserves the right to suspend such bidder from their participation in future tenders of NIOT for a period of one year. Even after revoking the suspension period the bidder's performance still continues to be the same without any improvement, NIOT reserves right to BAN such bidder permanently from participation in all the tenders of NIOT and organizations of MOES.

9. Goods: Goods should be supplied only after receipt of duly signed Contract from NIOT.

10. Letter of Intent Acceptance: The successful bidder should accept the Letter of intent acceptance within 15 days from the date of receipt of **Letter of intent**, failing which it shall be presumed that the successful bidder is not interested, and the EMD submitted will be forfeited or action will be initiated as per the Bid securing Declaration.

11. Signing of the Contract : The successful bidder upon LOI acceptance a contract should be signed on INR. 100 Non-judicial stamp paper between NIOT and the successful bidder. In case the contract is signed by other than the Director of the Company, Power of Attorney and Board Resolution should be submitted. If the Director of the Company is signing the Contract, then the copy of the Memorandum of Article (MoA) to be submitted.

12. Change of Name after award: Request / intimations with regard to change of name of the contracting company or constitution of the contractor after the tender opening or award of contract shall not be allowed as a matter of right. The bidders/ contractors are required to submit all relevant documents with regard to change of name or /and change of constitution and the circumstances leading to such change beforehand. It shall be the discretion of NIOT to proceed with the contract after such changes and in case, NIOT decides to proceed with the contract, it may require the contractor to execute further agreements with regard to execution/ implementation of the contract.

13. One Bid per Bidder: A firm shall submit only one bid either individually or as a partner of a joint venture or as a corrigendum, if a bidder submit more than one bid will result in rejection of all the bids.

BIDDING CONDITION

14. Deadline for Submission of Bids: Bids must be received by NIOT at the GeM portal specified in the Invitation for Bids cover page on or before the due date/ extended due date thereof.

15. Due date Extension, Corrigendum to NIT: Any corrigendum including due date extension for NIT, Pre-bid minutes of meeting will be notified in GeM portal and NIOT website. Hence bidders are requested to watch NIOT website/ GeM portal for such due date extension and corrigendum, if any.

16. In case of the unscheduled holiday in Chennai being declared on the prescribed closing / opening day of the tender, the next working day will be treated as the scheduled prescribed day of closing/opening day of the tender.

17. Unsolicited correspondences: NIOT will not entertain any unsolicited correspondence or queries on the status of offer against this tender. Bidder shall note that NIOT will not entertain any correspondence or queries on the status of the offers received against this Tender Invitation.

18. Non-Receipt of Tender: NIOT will not be responsible for the non-receipt of the tender due to any network problem.

19. Submission of tender by a tenderer implies that he has read the Notice Inviting Tender and has made himself aware of the scope and specifications of the work to be done; conditions and rates at which stores, tools and plant etc. will be issued to him by NIOT; local conditions and other factors bearing on the execution of the works.

20. EMD/Bid security: The EMD/Bid security (**INR. 3,28,000/-**) is mandatory as indicated in the cover page and should be submitted along with the technical bid for the value indicated in the front page of this tender document. The EMD/Bid security is mandatory requirement as indicated in the cover page and should be submitted along with the technical bid for the value indicated in the front page of this tender document. Bids without EMD will be summarily rejected.

The EMD /bid security may be accepted in the following form

(1) Insurance Surety Bonds,

(2) Account Payee Demand Draft (drawn in favour of " NIOT other Receipt Account", Chennai in INR or in equivalent foreign currency),

(3) Fixed Deposit Receipt,

(4) Banker's Cheque or Bank Guarantee from any of the Commercial Banks. (Bank Guarantee as per prescribed format available in the NIOT web site at the link <https://www.niot.res.in/index.php/vendor/login/> .

(5) Online payment in an acceptable form.

If the EMD (scanned copy of the instrument of EMD) is not submitted along with Techno-commercial (Part-I), the bid will be summarily rejected. The original EMD should be submitted (or) reach NIOT on or before closing date the time of the tender.

MSME Clause:

"Micro and Small Enterprises (MSEs) as defined in MSE Procurement Policy issued by Department of Micro, Small and Medium Enterprises (MSME)" are exempt from submission of EMD (Bid security) and NSIC registered bidders are eligible for EMD exemptions. Bidders claiming exemption of EMD under this rule (170 of GFR) are however required to submit a signed bid securing declaration (format to be enclosed) along with the relevant and valid exemption certificate issued by the appropriate authorities, accepting that, if they withdraw or modify their Bids during the period of validity, or if they are awarded the contract and they fail to sign the contract, or to submit a performance security before the deadline defined in the NIT/LOI, such bidders will be suspended for the period of one year in participating in all tenders of NIOT.

MSME Conditions:

(a) The MSE's bidder who claim EMD request should submit the relevant document towards investment on equipment and machinery. As per NIT clause no 70 make in India as per the DPIIT order under Annexure 9, under MSE.

(b) The MSE's bidder to note and ensure that nature of service and goods/items manufactured mentioned in MSE's certificate matches with the nature of the service and goods/item to be supplied as per tender.

(c) Retail & Whole sale Traders: Any bidder who are retailer / Traders claim EMD / Bid security exemption shall refer Ministry OM 5/2(2)/2021-E/P&G/Policy dated 02.07.2021 & 5/2(1)2020/E-P&G/Policy dated 01.12.2020.

The MSME is classified as mentioned below; (Ref Ministry of MSME Notification dated 26.06.2020)

(i) **Micro Enterprises:** Where the investment in plant and machinery or equipment does not exceed 1 Crore rupees and turnover does not exceed 5 Crore rupees,

(ii) **Small Enterprises:** Where the investment in plant and machinery or equipment does not exceed 10 Crore rupees and turnover does not exceed 50 Crore rupees,

(iii) **Medium Enterprises:** Where the investment in plant and machinery or equipment does not exceed 50 Crore rupees and turnover does not exceed 250 Crore rupees.

21. Conditions for EMD / Bid Security: EMD shall be returned / discharged to unsuccessful bidders within 15 days after the expiration of the period of bid validity or placement of Contract whichever is later. EMD may be forfeited:

a. If a bidder withdraws, modifies or provides unsolicited offer voluntarily revising the price in whatsoever aspect its bid during the period of bid validity specified by the bidder on the bid form or

b. In case of a successful bidder, fails to furnish order acceptance within 15 days of the Contract and / or fails to furnish Performance Security.

EMD for a successful bidder shall be adjusted against performance security payable if submitted in DD / refunded if / performance security is submitted.

22. Bid Validity: Bids shall remain valid and open for acceptance for a minimum period of **120 days** from the date of opening of Un-priced Techno-commercial bids when fully compliant tender is submitted by the bidder without any requirement for NIOT to seek additional documents towards evaluation of pre-qualification and/or in ensuring

conformance to the specification/requirements of the tender. In the event of any delay in evaluation attributable to the vendor, bidder shall extend the tender by such a time taken by them in addition to above minimum tender validity period. A bid valid for shorter validity period will be considered as a conditional tender and treated as invalid tender.

23. Bid validity extension: While NIOT will finalize the tender within the bid validity sought as per this NIT, due to circumstances beyond the control of NIOT, prior to expiry of the original bid validity period, **NIOT may request the bidder for a specified extension of the bid validity without modifying RFP or Price.** The request and the responses thereto shall be made in writing. A bidder agreeing to the request will extend the validity of his bid correspondingly. When bid validity is extended EMD BG also deemed to have been extended automatically for which necessary action would be taken by the bidder to submit the extended BG well before the expiry of the current validity of the BG.

24. Conditional offers: Conditional offer will not be accepted.

25. Signing of bids: Each page of the tender document shall be digitally signed by the bidder and should be uploaded along with all other documents.

26. The broad configuration: Specification of the proposed purchase /work is given. Bidders are required to keep their proposal strictly as per the specification prescribed.

27. Acceptance of bids: NIOT may accept or reject any/all tenders including the lowest tender without assigning any reasons whatsoever. NIOT also reserves its right to accept any tender in part or parts only with such conditions as it may prescribe. NIOT is not bound to accept the lowest tender. NIOT expects full technical compliance and expects full scope of integrated supply as per tender specification and do not accept partial tenders.

28. The compliance sheet with reference to the specifications should be furnished against each parameter while submitting the quotation, which is absolutely necessary. The tenderer shall submit technical & commercial compliance sheets and BOQ (price bid) separately along with their offer. **Tenders without compliance sheets will not be evaluated.** The Price bid should be unconditional.

29. Canvassing: Canvassing in any form by any bidder or by any other agency acting on behalf of the partner after submission of bid may disqualify the said partner. NIOT's decision in this regard shall be final and binding on the partner.

30. Award: NIOT shall place the Letter of Intent and after the Letter of Intent is accepted by the successful bidder the contract will be signed between NIOT and the successful bidder.

31. Bid or modification to bids received after closing date and time shall not be considered. Such modified bid together with original bid will be summarily rejected. Modification to the bid after opening the bid will not be considered unless specifically requested for by NIOT and only in case if there is an absolute necessity to revise the technical specifications after opening of bid.

32. Unrealistic bids with either cost which is impossible to achieve or for bidders who show that they are completely inexperienced or have completely inappropriate equipment will be rejected.

TERMS AND CONDITIONS GOVERNING THE CONTRACT

33. Place of Quotation:

Local firms inside Chennai: Quotations should indicate the cost with free delivery upto NIOT sites as mentioned in clause no. 38. The word Extra" shall be avoided.

Firms outside Chennai: Quotations should be F.O.R upto respective NIOT sites as per clause 38. Goods should be supplied carriage paid and insured for Contractor godown to consignee warehouse.

34. Price: The price shall include but not limited to

- a) Costs of goods / services covered in this contract.
- b) Taxes and duties
- c) Transportation and packing cost (Sea / Air worthy packing of internationally acceptable practices withstand transit and Transshipments by sea / air / road / rail)
- d) Cost of handling, documentation, freight, insurance from contractor's ware house up to NIOT warehouse, unloading from carriage and handing over to respective NIOT stores, installation of the equipment as part of contractual obligation.
- e) Charges for all testing
- f) Cost towards third party inspection at various stages as set forth in the contract.
- g) Cost of unloading, Installation, testing, commissioning and handing over of goods, at NIOT's site as set-forth in the contract.
- e) Cost of Training of NIOT officials as set forth in the contract.
- f) Cost of Books, manuals, software as set-forth in the contract.

The Bidder shall indicate on the appropriate price schedule form, the unit prices and total bid prices of the goods he proposes to supply under the contract strictly as per price bid format of tender.

35. Discounts: Bidders are advised not to indicate separate discounts. Discounts, if any, should be duly considered and net rate should be quoted in the BOQ/Price Bid.

36. GST : GST will be paid as per HSN code as applicable.

Deductibles:

a) Deduction of Indian Income Tax Deduction at Source for the Indian bidders: TDS will be deducted as applicable for service portion at prevailing rates. Valid Permanent Account Number (PAN) is mandatory.

b) GST-TDS:

GST-TDS is deductible on supply of goods or Service in respect of Intra – State supplies at the rate of 2% (CGST @1% and SGST @ 1%) and also in case of Inter-State supplies @ the rate of 2% from the payment made or credited to the supplier of taxable Service.

37. Buyback

The LOI/Contract will be placed on the successful bidder after reducing the Buyback value. The successful bidder should lift/remove the Buyback item from respective locations at the

time of new supply in discussion with NIOT engineers and within the quoted price. The buyback item will be handed over to the successful bidder in **as is where is** condition. In case the successful bidder fails to lift/remove the buyback item, NIOT will keep the item on the cost and risk of the successful bidder without any liability to NIOT.

The price for the buyback item should be quoted as in the price bid format of this NIT.

The buyback details are as follows:

S.No.	Item Description	Details
1.	Consignee wise	M/s Buchi India Pvt Ltd
2.	Item Description	Rotary Evaporator with Chiller
3.	Serial Number	S/N 0600002181
4.	Model	R-215
5.	Brand	Buchi
6.	Year of Manufacturing	-NA-
7.	Purchased on	NIOT/S&P/OSTI/6439/2005-06 (20-03-2006)
8.	Age	18 years
9.	Size, Rating, Designation	-NA-
10.	Quantity	1 Nos
11.	Min Price (Optional)	-NA-
13.	Unit	1
14.	Working Guidelines (Functional/Non Functional)	Non Functional
15.	Remarks	Item became obsolete.
16.	Location of buyback item	ACOSTI, Andaman

S.No.	Item Description	Details
1.	Consignee wise	M/s Buchi India Pvt Ltd
2.	Item Description	Rotary Evaporator with Chiller
3.	Serial Number	S/N 1000099562
4.	Model	R-215
5.	Brand	Buchi
6.	Year of Manufacturing	-NA-
7.	Purchased on	NIOT/S&P/MBT/6955/2011-12 (26-08-2011)
8.	Age	13 years
9.	Size, Rating, Designation	-NA-
10.	Quantity	2 Nos
11.	Min Price (Optional)	-NA-
13.	Unit	2
14.	Working Guidelines (Functional/Non Functional)	Non Functional
15.	Remarks	Item became obsolete.
16.	Location of buyback item	NIOT, Chennai

S.No.	Item Description	Details
1.	Consignee wise	M/s Buchi India Pvt Ltd
2.	Item Description	Recirculating Chiller
3.	Serial Number	S/N 1000246400, S/N 1000246401
4.	Model	R-215
5.	Brand	Buchi
6.	Year of Manufacturing	-NA-
7.	Purchased on	NIOT/S&P/MBT/27244/2016-17 (02-08-2016)
8.	Age	8 years
9.	Size, Rating, Designation	-NA-
10.	Quantity	2
11.	Min Price (Optional)	-NA-
13.	Unit	2
14.	Working Guidelines (Functional/Non Functional)	Non Functional
15.	Remarks	Item became obsolete.
16.	Location of buyback item	NIOT, Chennai

38. Place of Delivery and Installation:

1. **NIOT Chennai** - 2 No.s of Rotary evaporator with Chiller and 1 set of Accessories as per clause 39.

2. **Chittedu, Andhra Pradesh** - 2 No.s of Rotary evaporator with Chiller and 1 set of Accessories as per clause 39

NIOT NELLORE,

NIOT-CHITTEDU, GUDUR DUGGARAJUPATNAM ROAD,
Kesavaram, Nellore Andhra Pradesh 524410

3. **ACOSTI, Sri Vijayapuram, Andaman** - 2 No.s of Rotary evaporator with Chiller and 1 set of Accessories as per clause 39

ATAL CENTRE FOR OCEAN SCIENCE AND TECHNOLOGY (ACOSTI)

Industrial Estate Road, NIOT Campus,

Near Minnie Bay, Dollygunj (PO), Port Blair - 744103,
Andaman and Nicobar Islands.

The supplier is responsible to unload the item from carriage and hand over to respective store.

39. Accessories (1 set for each site)

- i) Stop cock – 2 Nos
- ii) vapour duct with combi clips – 2 Nos
- iii) silicone hose - 4m – 2 Nos
- iv) cooling fluid hose 4m with insulation tubes - 2 Nos
- v) Ball joint clamp S:35 Receiving Flask with clip – 2 Nos
- vi) Vacuum seal, PTFE base, and NBR O-ring – 2 Nos
- vii) Evaporating flask capacity: 50ml – 2 Nos
- viii) Evaporating flask capacity: 100ml – 2 Nos
- ix) Evaporating flask capacity: 500ml - 2 Nos
- x) Evaporating flask capacity: 1000ml - 2 Nos
- xi) Evaporating flask capacity: 2000ml - 2 Nos
- xii) Spider evaporator with 5 flask for 100 ml – 3 Nos
- xiii) Spider evaporator with 5 flask for 50 ml – 3Nos
- xiv) Control cable between rotavapor and vacuum pump RJ-45 – 2 Nos
- xv) Preventive maintenance kit for rotary evaporator – 2 Nos
- xvi) Preventive maintenance kit for vacuum pump – 2 Nos

40. Guaranteed time of delivery – specific performance of contract: The time of delivery is the essence of the Contract and all the items as per the Contract should be delivered as per the specification and scope of supply as per NIT/ Contract/SCC within a period of **85 days** from date of acceptance of signing of the contract.

In the event of part supply, NIOT will withhold the entire payment until all the items/scope of the supply is delivered including spares and accessories as per the Contract is supplied.

41. Extension of delivery period: If any item or the completion of systems / components is delayed for reasons of force majeure such as acts of God, Acts of Public enemy, acts of Government, fires, floods, epidemics, quarantine restrictions, illegal strikes and freight embargoes, the Contractor shall **within 3 days** from the date of such occurrence, will give a notice to NIOT in writing of his claim for extension of delivery period. NIOT on receipt of such notice may agree to extend the Contract delivery/completion date as may be reasonable but without prejudice to other terms and conditions of the contract. Unless the extended delivery period is agreed by NIOT in writing, contractor cannot claim the extension of delivery time as a matter of right. NIOT shall have the right to either cancel the Contract or extend the Contract delivery period or levy LD as appropriate.

42. Delay in Completion/Liquidated Damage (LD): If the Contractor shall fail to deliver the systems / components within the time specified in the LOI/Contract, NIOT will recover from the Contractor/Supplier as liquidated damages a sum of **0.5%** of the Contract value of the undelivered items/systems /components for each calendar week of delay. The total liquidated damages will not exceed **5%** (Five percent) of the Contract value of the undelivered items/systems /components so delayed. Systems / components will be deemed to have been delivered only when all essential components parts are also delivered. If any essential components are not delivered in time, the entire system / components will be considered as delayed until such time the undelivered parts/components/systems are delivered.

43. Insurance: The Goods supplied under the Contract shall be fully insured against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified in the NIT. If any such damage occurred, the goods shall be replaced within in the Contract price immediately without waiting for the insurance claim. The cost of insurance shall be in the scope of the contractor/supplier.

44. Risk Purchase: If the Contractor/Supplier fails to deliver the stores or any installment thereof within the period fixed for such delivery or at any time repudiates the Contract before expiry of such period, NIOT is entitled to cancel the Contract and source the remaining items/components from any parties the items/components which are not delivered, at the risk and cost of the defaulting Contractor/Supplier. No payment shall be claimed for any part supplies made.

45. Warranty:

The Contract warrants that the Goods supplied under this Contract are new, unused, of the most recent or current models and those they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The contractor further warrants that all Goods supplied under this Contract shall have no defect arising from design, materials or workmanship or from any act or omission of the contractor that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination. This warranty should be minimum for the period of **12 months** from the date of receipt & acceptance of all items and commissioning/Installation of equipment at NIOT, Chennai.

The warranty certificate should be furnished in the prescribed format available on the NIOT website at the link <https://www.niot.res.in/index.php/vendor/login/> in the Contractor letterhead. If the Manufacturer **standard warranty is more than 12 months** the same shall be extended to NIOT without any restriction whatsoever. NIOT shall promptly notify the Contractor in writing of any claims arising under this warranty. Upon receipt of such notice, the Contractor shall, with all reasonable speed, repair or replace the defective Goods or parts thereof, without cost to NIOT other than, where applicable, the cost of inland delivery of the repaired or replaced Goods or parts from ex- works or ex-factory or ex-showroom to the final destination. If the Contractor, having been notified, fails to remedy the defect(s) within a reasonable period, NIOT may proceed to take such remedial action as may be necessary, at the Contractor's risk and expense and without prejudice to any other rights which NIOT may have against the Contractor under the Contract. Also, such failure shall lead to suspension of vendor from participation as deem fit by NIOT.

45 a). Comprehensive Warranty for Four Years:

i) Comprehensive Annual Maintenance Contract (CAMC) shall start after completion of standard warranty of 12 months. The CAMC is for **four** years for the entire system which includes labour, spares and consumables.

ii) The payment towards CAMC will be paid quarterly on pro rata basis against submission of preventive maintenance report and certification by the authorized official of

NIOT on submission of Bank Guarantee for CAMC. During the CAMC, Preventive Maintenance to be carried out in **each quarter at all the sites** and any number of Break Down calls to be attended within 48 hours from the date of intimation.

46. Performance Security:

The successful bidders should deposit **5%** of the LOI value as Performance Security within **two weeks** from the date of issue of LOI. The Performance security may be accepted in the following forms

- (1)** Insurance Surety Bonds,
- (2)** Account Payee Demand Draft (drawn in favour of "The Director N.I.O.T", Chennai in INR or in equivalent foreign currency).
- (3)** Fixed Deposit Receipt from any Commercial Bank.
- (4)** Bank Guarantee from any of the Commercial Banks.
- (5)** Online payment in an acceptable form.

Performance security shall be forfeited in the event of breach of Contract by the Contractor in terms of the Contract. If Performance Security is not paid within the specified time, NIOT reserves its right to cancel the Contract and forfeit the EMD /Bid security.

Bank Guarantee shall be as per prescribed format issued by a National /Commercial bank and valid for 60 days beyond the scheduled delivery / completion period as per Contract. This format can be downloaded from the link <https://www.niot.res.in/index.php/vendor/login>. **The performance security should be valid till the completion of supply of items, installation and training of item at all locations plus 60 days.**

47. Performance Guarantee/ Warranty Bank Guarantee: As per the MoFS guidelines **10% of the item value** to be retained towards standard warranty to ensure the performance of the equipment's/systems to avoid any defect due to material/ workmanship or any omission on the part of the Contractor to rectify the same during the warranty period.

If performance bank guarantee for 10% of the item value is submitted valid till completion of the warranty period and acceptance then 100% payment excluding CAMC will be released as per clause 48.

After completion of the standard warranty period, a Bank Guarantee covering the CAMC period to be provided for the value of 5% of the yearly CAMC value and shall be valid up to the completion of CAMC period plus 60 days. On receipt of the same, the bank guarantee submitted towards warranty commitment will be discharged. The bank guarantee submitted towards CAMC will be discharged after completion of the CAMC period.

48. Payment:

1. **90% Payment (excluding CAMC)** will be released within 30 days after supply, acceptance, installation and training at respective NIOT sites as per clause 38 of all items (ref clause 39) on submission of installation report with original Invoice, other deliverables as per the Contract. No advance payment will be made.

2. **10% Payment (excluding CAMC)** will be released after completion of the warranty period (or) on submission of warranty bank guarantee, as per NIOT format for equivalent

value. (Refer Clause 47 on PBG)

49. Force Majeure: For purposes of this Clause, "Force Majeure" means an event beyond the control of the Contractor and not involving the Contractor's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of NIOT either in its sovereign or Contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes. If a Force Majeure situation arises, the Contractor shall promptly notify NIOT in writing of such conditions and the cause thereof. Unless otherwise directed by NIOT in writing, the Contractor 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.

50. Arbitration/Disputes: In the event of any dispute, difference, interpretation or application relating to this agreement arises, the same shall be settled amicably by the parties. In case the dispute or differences could not be settled amicably, the same shall be referred for adjudication through Arbitration by an Arbitrator to be appointed by the Director, NIOT. The Indian Arbitration shall be concluded in accordance with the provisions of Arbitration & Conciliation Act, 1996 or any statutory modifications or reenactment thereof and the rules made there under and for the time being in force shall apply to the arbitration proceedings. Venue of such arbitration shall be at Chennai in India. The language of arbitration proceedings shall be English. The Arbitration shall make a reasoned award (the "award"), which shall be final and binding on the parties. The cost of the arbitration shall be shared equally by the parties to the contract. However, expenses incurred by each party in connection with the preparation, presentation etc., shall be borne by each party.

51. Submission of Technical Document: Specifications are basic essence of the product. The broad configuration / specification of the proposed purchase are given in NIT the Special Conditions of the contract (SCC). It must be ensured that the offers are strictly as per our specifications as mentioned in the Annexure – I of NIT (SCC). At the same time, it must also be kept in mind that merely copying our specifications in their quotation shall not make firms eligible for consideration. Technically unsuitable offers and offers not confirming to tender schedule shall be rejected.

a. The bidder is required to provide their comments item-by-item on the compliance sheet provided in the Annexure – I of NIT (SCC). Wherever the specified parameter is required within a range, the calculated/ estimated value as per the vendor's design is to be provided in the "Remarks" column. Deviations/exceptions, if any, from the specifications to be recorded in the "Remarks" column.

b. Offer must contain all relevant technical details. Relevant preliminary drawings (if any) pertaining to the quoted designs, duly signed by the authorized official shall be sent along with the quotation. Wherever mentioned, documentary evidence has to be enclosed in the quotation. Any erasures / over writing shall be counter signed by the person who is signing the bid. Any interlineations, erasures or overwriting shall be valid only if the person or persons signing the bid sign them.

c. NIOT will not provide any test procedures. All relevant required tests as mentioned in the technical specification to conduct within the quoted price.

52. Agency Commission Payment: Indian Agency commission shall be paid as per prevalent guidelines of Govt. of India, which stipulates payment of agency commission generally after release of all other payments have been made to the OEM/ Principal in terms of the Contract. The agency commission payable to the Indian agents shall be normally five percent but not more than the percentage specified in the agency agreement.

53. Fundamental Principle of Public Buying:

i) Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority.

ii) "Bidder" (including the term 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.

iii) "Bidder from a country which shares a land border with India" for the purpose of this Order means: -

- a. An entity incorporated, established or registered in such a country; or
- b. A subsidiary of an entity incorporated, established or registered in such a country; or
- c. An entity substantially controlled through entities incorporated established or registered in such a country; or
- d. An entity whose beneficial owner is situated in such a country; or An India (or other) agent of such an entity; or
- e. A natural person who is a citizen of such a country; or
- f. A consortium or joint venture where any member of the consortium or joint venture falls under any or the above.

iv) The beneficial owner for the purpose of (iii) above will be as under:

1. In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.

a. "Controlling ownership interest" means ownership of 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

2. In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;

3. In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;

4. Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;

5. In case of a trust, the identification of beneficial owner(s) shall include identification
v). An agent is a person employed to do any act for another, or to represent another
indealings with third person
vi). The successful bidder(contractor) 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.

54. Assignment And Subcontracting: The Contractor shall not assign the Contract or any part thereof, or any benefit or interest therein or hereunder, nor assume a fresh partner or partners nor dissolve the partnership at present subsisting between them in reference to this Contract without a formal written request and approval by NIOT. Also, the Contract shall not assign the Contract or any part thereof, or any benefit or interest therein or hereunder, nor assume a fresh partner or partners nor dissolve the partnership at present subsisting between them in reference to this Contract without a formal written request and approval by NIOT. Also, partnerships or third-party vendors during Tender should not be altered without a written approval.

55. Eligible Bidders: 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.

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.

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

57. Amalgamation /Acquisition etc:

In the event the Manufacturer/Supplier proposes for amalgamation, acquisition or sale its business to any firm during the Contract period, the Buyer/Successor of the Principal Company are liable for execution of the Contract and also fulfilment of Contractual obligations i.e. supply, installation, commissioning, warranty, maintenance/replacement of spares accessories etc. You may confirm this condition while submitting the bid.

58. Code of Integrity for Public Procurement

The purchaser requires that the bidders, suppliers and Contractors observe the highest standard of ethics during the procurement and execution of such Contracts. In pursuit of this policy, the following are defined:

(a) Corrupt practice

The offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in Contract execution.

(b) Fraudulent practice

A misrepresentation or omission of facts in order to influence a procurement process or the execution of a Contract.

(c) Collusive practice

Means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive levels.

(d) Coercive practice

Means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a Contract.

(e) Anticompetitive 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

(f) 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.

(g) 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

58.2. The Purchaser will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question.

58.3. The bidders/suppliers should sign a declaration about abiding by the Code of Integrity for Public Procurement and submit it in the form as per Annexure-II along with 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 Contract, banning and blacklisting or action by Competition Commission of India, and so on.

58.4. Obligations for Proactive disclosures

a) The Purchaser as well as bidders, suppliers, Contractors and consultants, are obliged under Code of Integrity for Public Procurement to sue-moto proactively declare any conflicts of interest (coming under the definition mentioned above – pre-existing or as and as soon as these arise at any stage) in any procurement process or execution of Contract. Failure to do so would amount to violation of this code of integrity.

b) The bidder must declare, whether asked or not in a bid document, any previous transgressions of such a code of integrity with any entity in any country during the last three years or of being debarred by any other Procuring Entity. Failure to do so would amount to violation of this code of integrity.

c) 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.

58.5. 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:

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

- i. Forfeiture or encashment of bid security;
- ii. Calling off of any pre-Contract negotiations; and
- iii. Rejection and exclusion of the bidder from the procurement process.

b) If a Contract has already been awarded

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

c) Provisions in addition to above:

- i. 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;
- ii. 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;
- iii. Initiation of suitable disciplinary or criminal proceedings against any individual or staff found responsible.

59. Amendment to Bidding Documents:

In order to allow prospective bidders reasonable time to take the amendment into account while formulating their bids, the Purchaser, at its discretion, may extend the due date for the submission of bids and host the changes on the GEM portal through a corrigendum.

60. Documents Establishing Goods' Eligibility and Conformity to Bidding

Documents:

60.1. 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.

60.2. 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 Price- 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.

60.3. 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.

61. Contacting the Purchaser

a) 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.

b) 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.

Post qualification

c) 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 the SCC of the NIT.

d) The determination will take into account the Eligibility & Qualification criteria listed in the SCC of the NIT and it 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.

e) 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.

62. Bidder's right to question rejection

A Bidder shall have the right to be heard in case he feels that a proper procurement

process is not being followed and/or his tender has been rejected wrongly. Only a directly affected bidder can represent in this regard as under:

62.1 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.

62.2 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 prequalification bid.

62.3 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.

62.4 In case a Bidder feels aggrieved by the decision of the purchaser, he may then send his representation in writing to the Purchaser's address as indicated in special conditions of Contract (SCC) within 05 working days from the date of communication of the purchaser intimating the rejection for reconsideration of the decision by the purchaser.

62.5 Following decisions of the purchaser in accordance with the provision of internal guidelines shall not be subject to review:

- (a) Determination of the need for procurement;
- (b) Selection of the mode of procurement or bidding system;
- (c) Choice of selection procedure;
- (d) Provisions limiting participation of bidders in the procurement process;
- (e) The decision to enter into negotiations with the L1 bidder;
- (f) Cancellation of the procurement process except where it is intended to subsequently re-tender the same requirements;
- (g) Issues related to ambiguity in Contract terms may not be taken up after a Contract has been signed, all such issues should be highlighted before consummation of the Contract by the vendor/contractor; and
- (h) Complaints against specifications except under the premise that they are either vague or too specific so as to limit competition may be permissible.

63. Confidentiality

i) 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 Award of the Contract. However, decisions taken during process of tender evaluation shall be hosted on e-wizard portal.

ii) 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.

64. Authorization: The bidder is qualified only when he is the original manufacturer or established dealer with original manufacturer's authorization letter to quote, sell and service the products offered as per the prescribed format in our web site along with agency agreement.

65. Cost of Bidding:

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.

66. Termination of contract by NIOT:

- (i) Termination of the contract due to breach of contract by the contractor
- (ii) Termination of contract due to default,
- (iii) Termination of the contract due to insolvency,
- (iv) Termination of the contract for convenience.

If the termination of the contract happens due to the above factors, [(i), (ii) &(iv)] initially the written notice will be issued within 30 days to settle the issue on mutually agreed terms with mutual consent.

67. Indemnities: The Contractor hereby agrees to indemnify and hold harmless NIOT and its Director, officers and employees, from and against any and all suits, losses, liabilities, damages, claims, settlements, costs and expenses, including reasonable attorneys' fees, based on arising, directly or indirectly, from:

- i. breach of this Agreement by the Contractor
- ii. Not performing the Scope of Work or any other obligation under this Agreement or Tender in accordance with the provisions and schedules of this Agreement or the Tender
- iii. Violation or contravention of any Legislation on the part of the Contractor
- iv. Any negligence or wilful misconduct of Contractor, which violates any provision of this Agreement
- v. Infringement of any intellectual property belonging to any third party by the Contractor
- vi. Any breach of an agreement or misunderstanding between Contractor and any and all Third Parties due to which a liability arises on NIOT.
- vii. Any claim that any representations or warranties contained herein are not true or Any breach thereof
- viii. Any loss or damage caused by the Contractor to NIOT, its personnel or property
- ix. Any loss or damage caused by the Contractor to any and all Third Parties for which a claim against NIOT has arisen
- x. Breach, expiry, cancellation, revocation or invalidity of any and all licenses, permits, authorizations and registrations which the Contractor is required to obtain, keep valid and comply with under any Legislation in order to perform its obligations hereunder
- xi. Any obligation of the Contractor performed by NIOT under this Agreement or under any Legislation.

68. Conflict of Interest

(1) An Applicant shall not have a conflict of interest that may affect the Selection Process or the Consultancy (the "Conflict of Interest"). Any Applicant found to have a Conflict of Interest shall be disqualified. In the event of disqualification, the NIOT/ Authority shall forfeit and appropriate the Bid Security as mutually agreed genuine pre-estimated compensation and damages payable to the NIOT/Authority for, *inter alia*, the time, cost and effort of the NIOT/Authority including consideration of such Applicant's Proposal, without prejudice to any other right or remedy that may be available to the NIOT / Authority here

under or otherwise.

(2) The NIOT/Authority requires that the Consultant provides professional, objective, and impartial advice and at all times hold the NIOT/Authority's interests paramount, avoid conflicts with other assignments or its own interests, and act without any consideration for future work. The Consultant shall not accept or engage in any assignment that would be in conflict with its prior or current obligations to other clients, or that may place it in a position of not being able to carry out the assignment in the best interests of the NIOT / Authority

(i) An Applicant shall be deemed to have a Conflict of Interest affecting the Selection Process, if the applicant, its consortium member the "Member") or Associate (or any constituent thereof) and any other Applicant, its consortium member or Associate (or any constituent thereof) have common controlling shareholders or other ownership interest; provided that this disqualification shall not apply in cases where the direct or indirect shareholding or ownership interest of an Applicant, its Member or Associate (or any shareholder thereof having a shareholding of more than 5 percent of the paid up and subscribed share capital of such Applicant, Member or Associate, as the case may be) in the other Applicant, its consortium member or Associate is less than 5% (five percent) of the subscribed and paid up equity share Capital thereof; provided further that this disqualification shall not apply to any ownership by a bank, insurance company, pension fund or a public financial institution referred to in section 4A of the Companies Act, 1956. For the purposes of this Clause 13.1(c)(i), in direct shareholding held through one or more intermediate persons shall be computed as follows: (aa) where any intermediary is controlled by a person through management control or otherwise, the entire shareholding held by such controlled intermediary in any other person (the "Subject Person") shall be taken into account for computing the shareholding of such controlling person in the Subject Person; and (bb) subject always to sub-clause (aa) above, where a person does not exercise control over an intermediary, which has shareholding in the Subject Person, the computation of in direct shareholding of such person in the Subject Person shall be undertaken on a proportionate basis; provided, however, that no such shareholding shall be reckoned under this sub-clause (bb) if the shareholding of such person in the intermediary is less than 26% (twenty six percent) of the subscribed and paid up equity shareholding of such intermediary; or

(ii) A constituent of such Applicant is also a constituent of another Applicant; or

(iii) Such Applicant or its Associate receives or has received any direct or indirect subsidy or grant from any other Applicant or its Associate; or

(iv) Such Applicant as the same legal representative for purposes of this Application as any other Applicant; or

(v) Such Applicant has a relationship with another Applicant, directly or through common third parties, that puts them in a position to have access to each other's information about, or to influence the Application of either or each of the other Applicant; or

(vi) There is a conflict among this and other consulting assignments of the Applicant (including its personnel and Sub-consultant) and any subsidiaries or entities controlled by such Applicant or having common controlling shareholders. The duties of the Consultant will depend on the circumstances of each case. While providing consultancy services to the NIOT/ Authority for this particular assignment, the Consultant shall not take up any

assignment that by its nature will result in conflict with the present assignment; or
(vii) A firm which has been engaged by the NIOT/Authority to provide goods or works or Services for a project, and its Associates, will be disqualified from providing consulting services for the same project, conversely, a firm hired to provide consulting services for the preparation or implementation of a project, and its Members or Associates, will be disqualified from subsequently providing goods or works or services related to the same project.

69. Clarifications:

Applicants requiring any clarification on the RFP may send their query by email to hvt@niot.res.in before the tender closing date. The Authority will post the reply to all such queries on the NIC CPP Portal and NIOT Website. All bidders shall visit official NIC CPP portal before uploading of their bid to take note of the changes / corrigendum issued. The authority reserves the right not to respond to any questions or provide any clarifications, in its sole discretion, and nothing in this RFP shall be construed as obliging the Authority to respond to any question or to provide any clarification.

70. Preference to Make in India

Make in India-Price Preference-MSME Price preference to Local suppliers as per Make in India procurement policy of Govt of India shall refer the order DPIIT Order No. P-45021/2/2017- PP (BE-II) dated 16th September 2020 issued by Ministry of Commerce (Govt. of India)

Definitions of terms applicable to Make in India procurement policy of Govt. of India:-

- a) 'Local content ' means the amount of value added in India which shall be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value, in percent.
- b) 'Class-I Local supplier' means a supplier provider whose product offered for procurement meets the local content of 50% and above.
- c) 'Class-II Local supplier' means a supplier provider whose product offered for procurement meets the local content of 20% and above but less than 50%.
- d) 'Non-Local supplier' means a supplier provider whose product offered for procurement meets the local content of less than 20%.
- e) 'L1' means the lowest tender or lowest bid or the lowest quotation received in this tender, bidding process or other procurement solicitation as adjudged in the evaluation process as per the tender or other procurement solicitation.
- f) 'Margin of purchase preference ' means the maximum extent to which the price quoted by a local supplier may be above the L1 for the purpose of purchase preference.

I. Purchase preference: -

- a) Among all qualified bids, the lowest bid will be termed as L1. If L1 is from a Class-I local supplier, the contract for full quantity will be awarded to L1.
- b) If L1 bid is not from a Class-I local supplier, 50% of the order quantity shall be awarded to L1. Thereafter, the lowest bidder among the Class-I local suppliers, will be invited to

match the L1 price for the remaining 50% quantity subject to the 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 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) or reference order 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 from a Class-I local supplier, the contract will be awarded to L1.

(ii) If L1 is not from a Class-I local supplier, the lowest bidder among the Class-I local suppliers, will be invited to match the L1 price subject to 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 suppliers within the margin of purchase preference matches the L1 price, then the contract may be awarded to the L1 bidder.

(iv) Only Class-II Local suppliers are not eligible to get price preference in any procurement undertaken by procuring entities.

II. Applicability in tenders where contract is to be awarded to multiple bidders: -

In tenders where contract is awarded to multiple bidder's subject to matching of L 1 rates or otherwise, the 'Class-I local supplier' shall get purchase preference over 'Class-II local supplier' as well as 'Non-local supplier', as per following procedure:

a) In case there is sufficient local capacity and competition for the item to be procured, as notified by the nodal Ministry, only Class I local suppliers shall be eligible to bid. As such, the multiple suppliers, who would be awarded the contract, should be all and only 'Class I Local suppliers'.

b) In other cases, 'Class II local suppliers' and 'Non-local suppliers' may also participate in the bidding process along with 'Class I Local suppliers' as per provisions of this Order. c) If 'Class I Local suppliers' qualify for award of contract for at least 50% of the tendered quantity in any tender, the contract may be awarded to all the qualified bidders as per award criteria stipulated in the bid documents. However, in case 'Class I Local suppliers' do not qualify for award of contract for at least 50% of the tendered quantity, purchase preference should be given to the 'Class I local supplier' over 'Class II local suppliers'/ 'Non local suppliers' provided that their quoted rate falls within 20% margin of purchase preference of the highest quoted bidder considered for award of contract so as to ensure that the 'Class I Local suppliers' taken in totality are considered for award of contract for at

least 50% of the tendered quantity.

c) First purchase preference has to be given to the lowest quoting 'Class-I local supplier', whose quoted rates fall within 20% margin of purchase preference, subject to its meeting the prescribed criteria for award of contract as also the constraint of maximum quantity that can be sourced from any single supplier. If the lowest quoting 'Class-I local supplier', does not qualify for purchase preference because of aforesaid constraints or does not accept the offered quantity, an

opportunity may be given to next higher 'Class-I local supplier', falling within 20% margin of purchase preference, and so on.

d) To avoid any ambiguity during bid evaluation process, the procuring entities may stipulate its own tender specific criteria for award of contract amongst different bidders including the procedure for purchase preference to 'Class-I local supplier' within the broad policy guidelines stipulated in sub-paras above

III. Minimum local content:-

The 'local content' requirement to categorize a supplier as 'Class-I local supplier' is minimum 50%. For 'Class-II local supplier', the 'local content' requirement is minimum 20%. Nodal Ministry/ Department may prescribe only a higher percentage of minimum local content requirement to categorize a supplier as 'Class-I local supplier'! 'Class-II local supplier'. For the items, for which Nodal Ministry! Department has not prescribed higher minimum local content notification under the Order, it shall be 50% and 20% for 'Class-I local supplier'! 'Class-II local supplier' respectively.

IV. Verification of Local content:-

a. The 'Class-I local supplier'! 'Class-II local supplier' at the time of tender, bidding or solicitation shall be required to indicate percentage of local content and provide self-certification that the item offered meets the local content requirement for 'Class-I local supplier'! 'Class-II local supplier', as the case may be. They shall also give details of the location(s) at which the local value addition is made.

b. In cases of procurement for a value in excess of Rs . 10 crores, the 'Class-I local supplier'! 'Class-II local supplier' shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.

c. False declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.

V. Manufacture under license/ technology collaboration agreements with phased indigenization:-

While notifying the minimum local content, Nodal Ministries may make special provisions for exempting suppliers from meeting the stipulated local content if the product is being manufactured in India under a license from a foreign manufacturer who holds intellectual property rights and where there is a technology collaboration agreement / transfer of technology agreement for indigenous manufacture of a product developed abroad with

clear phasing of increase in local content.

VI. Classification of MSE'S:-

- i) **Micro Enterprises:** Where the investment in plant and machinery or equipment does not exceed 1 crore rupees and turnover does not exceed 5 crore rupees,
- (ii) **Small Enterprises:** Where the investment in plant and machinery or equipment does not exceed 10 crore rupees and turnover does not exceed 50 crore rupees,
- (iii) **Medium Enterprises:** Where the investment in plant and machinery or equipment does not exceed 50 crore rupees and turnover does not exceed 250 crore rupees
- (iv) **Retail & Whole sale traders:** Any bidder who are retailer/ Traders claim EMD/ Bid security exemption shall refer Ministry OM 5/2(2)/2021-E/P&G/Policy dtd 02.07.2021 & 5/2(1)2020/E- P&G/Policy dtd 01.12.2020.

VII. Price Preference to MSEs: -

- a) Among the qualified bids, the lowest bid will be termed as L1, If L1 is class 1 local supplier the contract will be awarded to L1.
- b) In tender, participating Micro and Small Enterprises quoting price within price band of L1 + 15% 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 and such Micro and Small Enterprise shall be allowed to supply up to 25 percent of the total tendered value, The 25(twenty five)% quantity is to be distributed proportionally among these bidders, in case there are more than one MSME's within such price band.
- c) In case the tendered quantity of goods cannot be split/ divided MSE quoted price within the band L1+15% may be awarded for full complete supply of total tendered value to MSE.
- d) MSEs participating in the tender must submit valid & authorized copy of certificate of registration with any one of the above agencies. In case of bidders submitting DIC registration certificate shall attach original notarized copy of the DIC certificate.
- e) The MSE's Bidder to note and ensure that nature of services and goods/items manufactured mentioned in MSE's certificate matches with the nature of the services and goods /items to be supplied as per Tender.
- f) The registration certificate issued from any one of the above agencies must be valid as on Bid closing date of the tender. Bidder shall ensure validity of registration certificate in case bid closing date is extended.
- g) The MSEs who have applied for registration or renewal of registration with any of the above agencies / bodies, but have not obtained the valid certificate as on close date of the tender, are not eligible for EMD exemption / preference.
- h) Where any aggregator has been appointed by the Ministry of MSE, 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.

Commercial Terms Compliance sheet (To be filled by the bidder)

S. No	Particulars	Yes	No	Page Ref
1	Whether EMD for INR . 3,28,000/- scanned and uploaded along with the technical document?			
2	Whether every page of the tender document is digitally signed and uploaded in the GeM portal along with the other documents.			
3	Whether Taxes and duties are shown separately in the quote. (Registration numbers for claiming the same to be strictly indicated and the copy of the certificates enclosed)			
4	Whether the bidder complies with the tender Pre-Qualification criteria as in Clause 3?			
5	Whether accepted to submit the LOI acceptance within 15 days from the date of receipt of the LOI?			
6	Whether submission of 5% of the contract value as Performance Security is acceptable?			
7	Whether submission of 10% of the supply value as Performance warranty Bank Guarantee is acceptable?			
8	Whether quote is valid for 120 days from the date of tender opening or time specified in the tender document whichever is later?			
9	Whether payment terms of the tender is complied with?			
10	Whether delivery terms are FOR NIOT as per the destinations mentioned in clause 38?			
11	Whether the tender is fully complying with tender specification/ Adjustment if no, list out deviations very clearly along with the appropriate reason for the deviation?			
12	Whether item-wise price is quoted as per price bid and quoted price is realistic?			
13	Whether liquidated damage as specified in the NIT accepted unconditionally?			
14	Whether the delivery period of 85 days is acceptable as per the tender.			
15	Whether the warranty and CAMC period is acceptable as per the tender.			
17	Bidder is responsible for all performance benchmarks and the quote should contain an undertaking certifying the same.			
18	Whether Past track record of quality and service is enclosed?			
19	In case of Dual Bid whether unpriced/blank commercial bid (Part-B) is enclosed in part – A (Technical Bid)?			
20	Whether list of deliverables attached and comply as per tender?			

**Price bid format: Price Not to be revealed by the bidder
(Quoted prices should be inclusive of all)**

Ser. no.	Description of Item	Qty	Rate per unit	Amount
1	Rotary evaporator System with Chiller, Vacuum pump, Vacuum controller and heating bath after deduction of buyback value	6 Nos		
2	Recirculating Chiller	2 Nos		
3	Installation Charges	1 Nos		
4	CAMC for 1st year	1 Nos		
5	CAMC for 2 nd year	1 Nos		
6	CAMC for 3 rd year	1 Nos		
7	CAMC for 4 th year	1 Nos		
8	Stop cock for NIOT Chennai	2 Nos		
9	Vapour duct with combi clips for NIOT Chennai	2 Nos		
10	silicone hose - 4m for NIOT Chennai	2 Nos		
11	cooling fluid hose 4m with insulation tubes for NIOT Chennai	2 Nos		
12	Ball joint clamp S:35 Receiving Flask with clip for NIOT Chennai	2 Nos		
13	Vacuum seal, PTFE base, and NBR O-ring for NIOT Chennai	2 Nos		
14	Evaporating flask capacity: 50ml for NIOT Chennai	2 Nos		
15	Evaporating flask capacity: 100ml for NIOT Chennai	2 Nos		
16	Evaporating flask capacity: 500ml for NIOT Chennai	2 Nos		
17	Evaporating flask capacity: 1000ml for NIOT Chennai	2 Nos		
18	Evaporating flask capacity: 2000ml for NIOT Chennai	2 Nos		
19	Spider evaporator with 5 flask for 100 ml for NIOT Chennai	3 Nos		
20	Spider evaporator with 5 flask for 50 ml for NIOT Chennai	3 Nos		
21	Control cable between rotavapor and vacuum pump RJ-45 for NIOT Chennai	2 Nos		
22	Preventive maintenance kit for rotary evaporator for NIOT Chennai	2 Nos		

23	Preventive maintenance kit for vacuum pump for NIOT Chennai	2 Nos		
24	Stop cock for NIOT Andaman	2 Nos		
25	Vapour duct with combi clips for NIOT Andaman	2 Nos		
26	silicone hose - 4m for NIOT Andaman	2 Nos		
27	cooling fluid hose 4m with insulation tubes for NIOT Andaman	2 Nos		
28	Ball joint clamp S:35 Receiving Flask with clip for NIOT Andaman	2 Nos		
29	Vacuum seal, PTFE base, and NBR O-ring for NIOT Andaman	2 Nos		
30	Evaporating flask capacity: 50ml for NIOT Andaman	2 Nos		
31	Evaporating flask capacity: 100ml for NIOT Andaman	2 Nos		
32	Evaporating flask capacity: 500ml for NIOT Andaman	2 Nos		
33	Evaporating flask capacity: 1000ml for NIOT Andaman	2 Nos		
34	Evaporating flask capacity: 2000ml for NIOT Andaman	2 Nos		
35	Spider evaporator with 5 flask for 100 ml for NIOT Andaman	3 Nos		
36	Spider evaporator with 5 flask for 50 ml for NIOT Andaman	3 Nos		
37	Control cable between rotavapor and vacuum pump RJ-45 for NIOT Andaman	2 Nos		
38	Preventive maintenance kit for rotary evaporator for NIOT Andaman	2 Nos		
39	Preventive maintenance kit for vacuum pump for NIOT Andaman	2 Nos		
40	Stop cock for NIOT Andhra Pradesh	2 Nos		
41	Vapour duct with combi clips for NIOT Andhra Pradesh	2 Nos		
42	silicone hose - 4m for NIOT Andhra Pradesh	2 Nos		
43	cooling fluid hose 4m with insulation tubes for NIOT Andhra Pradesh	2 Nos		
44	Ball joint clamp S:35 Receiving Flask with clip for NIOT Andhra Pradesh	2 Nos		
45	Vacuum seal, PTFE base, and NBR O-ring for NIOT Andhra Pradesh	2 Nos		
46	Evaporating flask capacity: 50ml for NIOT Andhra Pradesh	2 Nos		

47	Evaporating flask capacity: 100ml for NIOT Andhra Pradesh	2 Nos		
48	Evaporating flask capacity: 500ml for NIOT Andhra Pradesh	2 Nos		
49	Evaporating flask capacity: 1000ml for NIOT Andhra Pradesh	2 Nos		
50	Evaporating flask capacity 2000ml for NIOT Andhra Pradesh	2 Nos		
51	Spider evaporator with 5 flask for 100 ml for NIOT Andhra Pradesh	3 Nos		
52	Spider evaporator with 5 flask for 50 ml for NIOT Andhra Pradesh	3 Nos		
53	Control cable between rotavapor and vacuum pump RJ-45 for NIOT Andhra Pradesh	2 Nos		
54	Preventive maintenance kit for rotary evaporator for NIOT Andhra Pradesh	2 Nos		
55	Preventive maintenance kit for vacuum pump for NIOT Andhra Pradesh	2 Nos		
Total amount for F O R, NIOT (Inclusive of all)				
(Total Value in words				only)

Note:

- 1. The bidders should not reveal their price, anywhere in the technical bid.**
- 2. The basic price should be inclusive of all charges as in clause no. 34 and including GST, transportation charges upto the respective NIOT sites, unloading and handing over to the respective store.**
- 3. The rate per unit of Sl. No. 1 of BoQ to be calculated as (A-B) / 6 where**
A=Cost of 6 Nos. of Rotary evaporator System with Chiller, Vacuum pump, Vacuum controller and heating (incl. of GST)
B= Buyback value for items listed under clause no. 37

Technical Compliance Sheet (To be filled by the bidder)

S. No	Description	Specifications	Compliance (Yes/No)	Remarks
1.	Application	Automated Rotary Evaporator, Vacuum pump, Controller & Recirculating chiller for evaporation and concentration of solvents under controlled vacuum and temperature.		
2.	Rotary evaporator unit	Made-up of glass vertical plastic coated condenser with cooling capacity 1400cm/hour or above and Drive Unit		
		Condenser should able lift by in-built motorized unit with 0-250 RPM or more		
		Condenser unit and evaporating flash should connect through NS 29/32		
		The coupling ring and the flange on the condenser should be made of PPS (PolyPhenylene Sulfide), for robustness and with chemical resistance		
		Condenser flask capacity - 50ml to 5000 ml or more		
		Lift height indication position digitally indicated on display		
		Auto Lift in case of power loss		
		Multifunctional Combi-Clip for evaporating flask fixation and removal, as well as vapor duct release		
		Should have IP21 rated protection.		
		Should be certified by CE & ISO 9001		
3	Heating Bath unit	Microprocessor controlled heating bath temperature from 20° to 200° C using either an oil or water.		
		Set bath temperature on display accuracy: ± 1° C		
		Heating power water bath should be 1250W or more		
		Digital temperature display for adjusting set temperature and indicates actual temperature.		
		Power cut off when actual temperature exceeds set temperature or by rapid temperature increase.		
		Heating bath should be constructed of an insulated double wall for user protection against burns and scalding.		

		Heating bath capacity should be 4L or more		
		Should have IP21 rated Protection		
		Should be certified by CE		
4	Controller unit	Microprocessor controlled LCD display with operation by navigation knob and function keys.		
		Displays all operating parameters – set and actual values of heating bath, coolant temperature, rotation speed, lift position, pressure ramping, integrated vacuum controller.		
		Should have solvent library and its sets the vacuum according to the current readings from the heating bath and coolant temperature.		
		Audible signal for termination of distillation.		
		Data recording and charting		
		Should have a IP21 rated protection		
		Should have certified by CE / CSA / ISO9001.		
		Woulff Bottle for trap		
5	Vacuum pump	Made up of chemical resistant PTFE diaphragm DC vacuum pump		
		Vacuum range 0 – 1400 mbar		
		Final vacuum: 0-5 mbar (± 2 mbar)		
		Suction capacity: min 1.5 m ³ /h or more		
		Should provide more than 90 % of solvent recovery.		
		Maximum speed 1500 rpm		
		Transparent front panel to observe the membrane for highest distillation efficiency.		
		Silencer with 2 m of vacuum tubing.		
		Should have IP20 rated Protection Class		
		Should be certified by CE / CSA / ISO9001		
6	Recirculating Chiller	Microprocessor controlled digital display for set and actual temperature		
		Temperature range: - 10° C to +25 °C.		
		R134A Refrigerant		
		Power Consumption:- 500 Watts or more		
		Should have the tank volume of minimum		

		5 L		
		Flow rate 2.5 L/min		
		System should be hermitically sealed, CFC free compressor.		
		Minimum 5 meter silicon tube for recirculation with necessary insulation material and Clamps.		
		Lid, drain tap, and removable ventilation grid for easy cleaning		
		Should have IP20 rated Protection Class		
		Should be certified by ISO9001		
7.	Warranty	Provide 1 year general warranty from date of installation.		
		Provide 4 year comprehensive warranty after completion of general warranty from OEM		
8.	Installation-Training	Training during installation should be provided by vendor's factory-trained engineers, followed by a demonstration and in-depth training.		
9	Supply and installation	Total 6 Nos of Rotary evaporator with chiller – 2 systems should be installed at MBT, NIOT Chennai, 2 systems should be installed at ANCOST, Sri Vijaya Puram, Andaman and 2 systems should be installed at NIOT-Chittedu, Andhra pradesh.		
10	Accessories	1 set for NIOT, Chennai, 1 set for NIOT Andaman and 1 set for NIOT, Chittedu, Andhrapradesh i) Stop cock – 2 Nos ii) vapour duct with combi clips – 2 Nos iii) silicone hose - 4m – 2 Nos iv) cooling fluid hose 4m with insulation tubes - 2 Nos v) Ball joint clamp S:35 Receiving Flask with clip – 2 Nos vi) Vacuum seal, PTFE base, and NBR O-ring – 2 Nos vii) Evaporating flask capacity: 50ml – 2 Nos viii) Evaporating flask capacity: 100ml – 2 Nos ix) Evaporating flask capacity: 500ml - 2		

		<p>Nos</p> <p>x) Evaporating flask capacity: 1000ml - 2 Nos</p> <p>xi) Evaporating flask capacity: 2000ml - 2 Nos</p> <p>xii) Spider evaporator with 5 flask for 100 ml – 3 Nos</p> <p>xiii) Spider evaporator with 5 flask for 50 ml – 3Nos</p> <p>xiv) Control cable between rotavapor and vacuum pump RJ-45 – 2 Nos</p> <p>xv) Preventive maintenance kit for rotary evaporator – 2 Nos</p> <p>xvi) Preventive maintenance kit for vacuum pump – 2 Nos</p>		
11	Pre-installation requirement	Complete technical details of pre-installation Requirements should be furnished along with the technical bid such as space, AC, power supply etc.		
12	Support and Service	The vendor should have a technical service team based in Chennai, India.		
13	General	It is mandatory for the bidders to provide the compliance statement in tabular column format along with the catalogue page number (comply/not comply) for the Above points with document proof as required. Failing which bidders will be technically disqualified		

Annexure _I

Technical Specification

S. No	Description	Specifications
1.	Application	Automated Rotary Evaporator, Vacuum pump, Controller & Recirculating chiller for evaporation and concentration of solvents under controlled vacuum and temperature.
2.	Rotary evaporator unit	<p>Made-up of glass vertical plastic coated condenser with cooling capacity 1400cm/hour or above and Drive Unit</p> <p>Condenser should be able to lift by in-built motorized unit with 0-250 RPM or more</p> <p>Condenser unit and evaporating flask should connect through NS 29/32</p> <p>The coupling ring and the flange on the condenser should be made of PPS (PolyPhenylene Sulfide), for robustness and with chemical resistance</p> <p>Condenser flask capacity - 50ml to 5000 ml or more</p> <p>Lift height indication position digitally indicated on display</p> <p>Auto Lift in case of power loss</p> <p>Multifunctional Combi-Clip for evaporating flask fixation and removal, as well as vapor duct release</p> <p>Should have IP21 rated protection.</p> <p>Should be certified by CE & ISO 9001</p>
3	Heating Bath unit	<p>Microprocessor controlled heating bath temperature from 20° to 200° C using either oil or water.</p> <p>Set bath temperature on display accuracy: $\pm 1^\circ \text{C}$</p> <p>Heating power water bath should be 1250W or more</p> <p>Digital temperature display for adjusting set temperature and to indicate actual temperature.</p> <p>Power cut off when actual temperature exceeds set temperature or rapid temperature increase.</p> <p>Heating bath should be constructed of an insulated double wall for user protection against burns and scalding.</p> <p>Heating bath capacity should be 4L or more</p> <p>Should have IP21 rated Protection</p> <p>Should be certified by CE</p>
4	Controller unit	<p>Microprocessor controlled LCD display with operation by navigation knob and function keys.</p> <p>Displays all operating parameters –set and actual values of heating bath, coolant temperature, rotation speed, lift position, pressure ramping, integrated vacuum controller.</p> <p>Should have solvent library and its sets the vacuum according to the current readings from the heating bath</p>

		and coolant temperature.
		Audible signal for termination of distillation.
		Data recording and charting
		Should have a IP21 rated protection
		Should have certified by CE / CSA / ISO9001.
		Woulff Bottle for trap
5	Vacuum pump	Made up of chemical resistant PTFE diaphragm DC vacuum pump
		Vacuum range 0 – 1400 mbar
		Final vacuum: 0-5 mbar (± 2 mbar)
		Suction capacity: min 1.5 m ³ /h or more
		Should provide more than 90 % of solvent recovery.
		Maximum speed 1500 rpm
		Transparent front panel to observe the membrane for highest distillation efficiency.
		Silencer with 2 m of vacuum tubing.
		Should have IP20 rated Protection Class
		Should be certified by CE / CSA / ISO9001
6	Recirculating Chiller	Microprocessor controlled digital display for set and actual temperature
		Temperature range: - 10° C to +25 °C.
		R134A Refrigerant
		Power Consumption:- 500 Watts or more
		Should have the tank volume of minimum 5 L
		Flow rate 2.5 L/min
		System should be hermitically sealed, CFC free compressor.
		Minimum 5 meter silicon tube for recirculation with necessary insulation material and Clamps.
		Lid, drain tap, and removable ventilation grid for easy cleaning
		Should have IP20 rated Protection Class
		Should be certified by ISO9001
7.	Warranty	Provide 1 year general warranty from date of installation.
		Provide 4 year comprehensive warranty after completion of general warranty from OEM
8.	Installation-Training	Training during installation should be provided by vendor's factory-trained engineers, followed by a demonstration and in-depth training.
9	Supply and installation	Total 6 Nos of Rotary evaporator with chiller – 2 systems should be installed at MBT, NIOT Chennai, 2 systems should be installed at ANCOST, Sri Vijaya Puram, Andaman and 2 systems should be installed at NIOT-Chittedu,

		Andhrapradesh.
10	Accessories	<p>1 set for NIOT, Chennai, 1 set for NIOT Andaman and 1 set for NIOT, Chittedu, Andhrapradesh</p> <p>i) Stop cock – 2 Nos ii) vapour duct with combi clips – 2 Nos iii) silicone hose - 4m – 2 Nos iv) cooling fluid hose 4m with insulation tubes - 2 Nos v) Ball joint clamp S:35 Receiving Flask with clip – 2 Nos vi) Vacuum seal, PTFE base, and NBR O-ring – 2 Nos vii) Evaporating flask capacity: 50ml – 2 Nos viii) Evaporating flask capacity: 100ml – 2 Nos ix) Evaporating flask capacity: 500ml - 2 Nos x) Evaporating flask capacity: 1000ml - 2 Nos xi) Evaporating flask capacity: 2000ml - 2 Nos xii) Spider evaporator with 5 flask for 100 ml – 3 Nos xiii) Spider evaporator with 5 flask for 50 ml – 3Nos xiv) Control cable between rotavapor and vacuum pump RJ-45 – 2 Nos xv) Preventive maintenance kit for rotary evaporator – 2 Nos xvi) Preventive maintenance kit for vacuum pump – 2 Nos</p>
11	Pre-installation requirement	Complete technical details of pre-installation Requirements should be furnished along with the technical bid such as space, AC, power supply etc.
12	Support and Service	The vendor should have a technical service team based in Chennai, India.
13	General	It is mandatory for the bidders to provide the compliance statement in tabular column format along with the catalogue page number (comply/not comply) for the Above points with document proof as required. Failing which bidders will be technically disqualified

Annexure –II

Bid Securing Declaration Form

Date:

E-Tender No:

E-

Ten

der

Titl

e:

To,

NATIONAL INSTITUTE OF OCEAN

TECHNOLOGYVELACHERY

TAMBARAM MAIN ROAD,

NARAYANAPURAM, CHENNAI 600

100

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: Signed: (Insert signature of person whose name and capacity are shown)

In the capacity of (insert legal capacity of person signing the Bid Security Declaration) Name: (insert complete name of person signing the Bid Security Declaration)

Duly authorized to sign the bid for an on behalf of (insert complete name of Sole bidder/ Joint Venture /Leader of Consortium)

Dated on _____ day of _____ (insert date of signing) Corporate Seal (where appropriate)

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

(Note: In case of a Consortium, the Bid Security Declaration to be signed by consortium lead partners that submits the bid)

ANNEXURE - III
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.]

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 45 of the NIT, 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]

*(Not required in case the bidder itself is the manufacturer)

ANNEXURE-IV

PERFORMANCE STATEMENT FORM

Details of similar equipment / systems supplied & installed during past 3 years in India

& Abroad Name of the Firm _____

Order Placed by (full address of

Purchaser) Order Number and date:

Description and Quantity of Ordered:

Equipment Value of Order:

Date of Completion of deliver as Per Contract:

Date of actual Completion of Delivery:

Remarks Indicating reasons for late delivery, if any:

Has the Equipment Been installed/ Working Satisfactory (Attach a Certificate from The purchaser /Consignee)

Name of Contact Person along with Telephone No., FAX No. and e-mail address

Signature and Seal of the manufacturer/Bidder

Place

:Date

:

Annexure – V

Format for declaration by the Bidder for Code of Integrity & conflict of interest(On the Letter Head of the Bidder)

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 the Clause number 58

(a) of NIT of your Tender document and have no conflict of interest.

It is certified that we are not 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 / Tender. The details of any previous transgressionsof 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 thiscode.

Thanking you,

Yours

sincerely,

Signature

(Name of the Authorized
Signatory)Company Seal

ANNEXURE-VI

Certificate of Local Content (To be enclosed along with Technical Bid)

Tender No. _____

We M/s. _____ (Name of Bidder) hereby certify that we meet the minimum Local content for the Goods and services offered vide our offer/bid No. _____ dated _____ as specified below:

- Class-I Local Supplier with local content of 50% and above
OR
- Class-II Local Supplier with local content of 20% and above but less than 50% (Tick appropriate category of Local Supplier)

We are not claiming the services such as transportation, insurance, installation, commissioning, training, after sales service (warranty or AMC/CMC support), consultancy and custom clearance including custom duty as local value addition.

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

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

In the capacity of [insert legal capacity of person signing the Bid Submission Form] Name: [insert complete name of person signing the Bid Submission Form]

Duly authorized to sign the bid for and on behalf of: [insert complete name of Bidder] Dated on _____ day of _____, _____ [insert date of signing]

ANNEXURE-VII
Certificate of Price break up of Local
Content(To be enclosed along with Price
Bid)

Tender No. _____

We M/s. _____ (Name of Bidder) hereby certify that we meet the minimum Local content for the Goods and services offered vide our offer/bid No. _____ dated _____ as specified below:

- Class-I Local Supplier with local content of 50% and above
OR
- Class-II Local Supplier with local content of 20% and above but less than 50% (Tick appropriate category of Local Supplier)

Minimum Local content is _____ % as per Price break up given below:

Component of cost Imported product Domestic value addition to product In Foreign Currency US\$ or specify In Rupees

Exchange Rate @ 1 US\$ = Rs In Rupees Location of value addition

Goods/ Material

ii Equipment

iii Total Quoted Price

= (X + Y)

X =

Y =

% Local Content = $(\frac{Y}{X+Y}) \times 100$

We are not claiming the services such as transportation, insurance, installation, commissioning, training, after sales service (warranty or AMC/CMC support), consultancy and custom clearance including custom duty as local value addition. These costs should not be included in Y above.

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

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

In the capacity of [insert legal capacity of person signing the Bid Submission Form] Name: [insert complete name of person signing the Bid Submission Form]

Duly authorized to sign the bid for and on behalf of: [insert complete name of Bidder] Dated on _____ day of _____, _____ [insert date of signing]

ANNEXURE-VIII

Self-Certification

With reference to Clause No. 1.1.3 of this tender and GoI Ministry of Finance Order No.: F. No. 6/18/2019-PPD dated 23rd July, 2020 on "Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs)" & OM No. F. No. 18/37/2020-PPD dated 8thFebruary, 2021;

It is certified that

We are not a bidder of a country which shares a land border with India. OR

We are a bidder of a country which shares a land border with India, however, we are eligible to bid in any procurement whether of goods or services as we are registered with the Competent Authority as specified in Ministry of Finance (GoI) Order No. 6/18/2019 – PPD dated 23rd July 2020. Copy of valid registration is attached.

Tick as

applicablePlace:

Date:

Authorised

SignatoryName:

Company Seal

ANNEXURE IX

**Self-Certification under preference to Make in India order
Certificate**

In line with Government Public Procurement Order No. P-45021/2/2017-PP (BE-II) dated 04.06.2020 issued by Ministry of Commerce and Industry and subsequent amendment of the order dt 16th September 2020 we hereby certify that we M/s. are local supplier meeting the requirement of minimum local content (i.e. amount of value addition)% as defined in above orders for the item/s against Enquiry/Tender No Details of location at which local value addition is made for the item/s are as follows

.....
.....
.....

We also understand false declarations will be in breach of the code of integrity under rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for upto two years as per Rule 151(iii) of the General Financial Rules along with such other actions as may be permissible under law.

Signature of vendor with stamp