



NATIONAL INSTITUTE OF  
OCEAN TECHNOLOGY

**NOTICE INVITING TENDER (NIT)**

Form No.

NIOT/S&P/NIT



निविदा संख्या/ Tender No.	<b>NIOT/HVT/1325/2024-25</b>
निविदा शीर्षक/ Tender Title	Impedance Analyzer
निविदा प्रणाली/Tender Mode	GeM portal (Open Tender- Two Bid) -Domestic Tender
निविदा जारी करने की तारीख / Tender Issue date	22.06.2024
निविदा समापन तिथि और समय/ Tender Closing Date and Time	<b>19.07.2024@11.00AM</b> (IST)
निविदा खोलने की तिथि और समय/ Tender Opening Date and Time	<b>19.07.2024@11.30AM</b> (IST)
Submission of EMD/ ईएमडी जमा करना	<b>INR 74000/-</b> a) Scanned copy of the EMD instrument to be uploaded in the GeM portal. <b>b) Original EMD should be submitted through courier/ speed post or in person dropped at the tender box before the closing date and time of the tender</b>
नाजुक दस्तावेज उपलब्ध स्थान/ Tender Documents available place	Tender documents can be downloaded from GeM portal app and MoES NIOT website <a href="http://www.niot.res.in">www.niot.res.in</a> till closing date and time of the Tender.
Bidding Type & Tender submission/ बोली लगानेका प्रकार और निविदा प्रस्तुत करना।	Two Bid Tender comprising of Techno- commercial Bid and Price Bid should be submitted electronically through GeM portal <a href="http://gem.gov.in">http://gem.gov.in</a>
ई-निविदाके लिए हेल्प मैनुअल/ Help manual for e-tender	Bidders may download the help documents and bidders manual kit from <a href="http://gem.gov.in">http://gem.gov.in</a> Helpdesk number :1800-419-3436 e-mail: <a href="mailto:helpdesk-gem@gov.in">helpdesk-gem@gov.in</a> For any issues/clarification relating to the tender(s) published kindly contact the respective tender inviting authority
अपनी पूछताछ ईमेल आईडी पर भेजें/Send your queries to the email ID	<b><a href="mailto:hvt@niot.res.in">hvt@niot.res.in</a></b>

राष्ट्रीय समुद्र प्रौद्योगिकी संस्थान **NATIONAL INSTITUTE OF OCEAN TECHNOLOGY**

वेलचरी ताम्बरम मेन रोड **VELACHERY TAMBARAM MAIN ROAD**

नारायणपुरम, चेन्नै **600 100 NARAYANPURAM, CHENNAI 600 100**

रा.स.प्रौ.स. 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.

### **General Conditions of Contract (GCC)**

National institute of Ocean Technology invites GeM bid Impedance Analyzer at NIOT Chennai as per details given below.

### **Notice Inviting Tender (NIT)-Section-I**

**1. Submission of bids:** Bidders are requested to submit their Bid/quotation in two parts containing Technical proposal and price bid (BOQ) as Part-2 should be submitted electronically through GeM portal <http://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 upload 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.

**No Manual tender is acceptable.**

**Part-1 should contain Techno-Commercial Bid and duly signed blank price bid (without indicating the cost) and scanned copy of EMD.** All tender documents to be uploaded in the GeM 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. This NIT shall form part of the LOI / Contract.

**2.NIT:** NIT and all corrigendum shall part of the Purchase order/contract.

#### **2.1 Prequalification Criteria:**

The bidder/manufacturer /OEM should have supplied a **similar type of three numbers in the past five years.** The documentary proof of the same need to be submitted along with the performance certificate and installation completion from the end user/client.

### **Instruction to bidders:**

**3.Security:** Any information / material / document uploaded along with this tender or after placement Purchase Order should not be disclosed or copied without written permission from NIOT.

**4.Contacting NIOT:** No correspondence / discussion / visits whatsoever will be entertained on the subject unless specifically called by this office after opening the tender for any 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.

**5.Default in Performance:** If any Vendor is not successfully discharging their contractual obligations against the order / contract placed 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 Vendor from their participation in future tenders of NIOT for a minimum period of one year. Even after revoking the suspension period the Vendor's performance still continues to be the same without any improvement, NIOT reserves its right to BAN such Vendor permanently from participation in all the tenders of NIOT and also the organization under MoES.

**6.Order Acceptance:** The successful bidder should submit order acceptance within fifteen (15) days from the date of order and the performance security details to be provided along with order acceptance failing which it shall be presumed that the successful bidder is not interested in executing the contract and the EMD submitted will be forfeited.

**7.Change of Name after award:** Request / intimations with regard to change of name of the contract 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 bidder / contractor to execute further agreements with regard to execution / implementation of the contract.

**8.One Bid per Bidder:** A firm shall submit only one bid either individually or as a partner of a joint venture. A firm that submits either individually or, as a member of a joint venture, the same bidder cannot submit more than one bid, which will result in rejection of all the bids

**9.Tender opening:** All the tenderers can participate in the e-tender opening with proper authorization letter from the respective company.

**10.Goods:** Goods should be supplied only after signing of the contract.

### **BIDDING CONDITION**

**11.Dead line for submission of bids:** e-Bids must be submitted only at the GeM portal specified in the invitation for bids cover page on or before the due date/extended due date thereof. All bidders are advised to take adequate care to plan for bid submission well ahead of closing date and time and avoid any last minute connectivity problem in submission.

**12. Due date Extension, Corrigendum to NIT:** Any corrigendum including due date extension for NIT will be notified in GeM portal and NIOT website. Hence bidders are requested to watch website for such due date extension and corrigendum if any.

**13. 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 of the tender.

**14. Unsolicited correspondences:** NIOT will not entertain any unsolicited correspondence or queries on the status of offer against this tender.

**15. Submission of E-tender** by a tenderer implies that he has read this NIT and all other tender documents and has made himself aware of the scope and specifications of this tender. Conditional offers are liable for rejection/treated as invalid tender.

**16. Non-receipt of E-Tender:** NIOT will not be responsible for the non-receipt of EMD or any documents to be submitted physically by the bidder well before the tender closing date and time or any last-minute issues in uploading process in the e tender portal.

**17. Bid Validity:** Bids shall remain valid and open for acceptance for a minimum period of **120 days** from the date of opening of 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, vendor 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.

**18. Bid validity extension:** In exceptional circumstances, prior to expiry of the original Bid validity period, NIOT may request the Bidder for a specified extension in the period of validity. The request and the responses thereto shall be made in writing. A Bidder agreeing to the request will not be required nor permitted to modify his bid, and will be required to extend the validity of his Bid Security correspondingly.

**19. Conditional offers/** quotations shall not be accepted.

**20. Signing of bids:** Each page of the tender (NIT) and tender document shall be digitally signed by the bidder and upload in the GeM portal. Unsigned bid is liable for rejection.

**21. The broad configuration/** specification of the proposed purchase are given in the SCC. Bidders are required to keep their proposal strictly as per the specification prescribed.

**22. 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.

**23. 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 ALONG WITH THEIR OFFER. TENDERS WITHOUT COMPLIANCE SHEETS WILL NOT BE EVALUATED. The Price bid should be unconditional.

**24. Award:** NIOT shall initially place LOI and sign the contract with the Successful bidder.

**25. Commercial compliance** as per the NIT should be uploaded along with the offer/ quotation.

**26. 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.

**27. EMD/Bid security:** - 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.
- (5) Online payment in an acceptable form.

**28.1 Micro and Small Enterprises (MSEs):** -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). 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 issue 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 request for bids document, they will be suspended for the period of one year from being eligible to submit Bids for tenders with NIOT and all the departments under MoES." The bid declaration format to be attached.

**28.2 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 63 make in India as per the DPIIT order under chapter 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 dtd 02.07.2021 & 5/2(1)2020/E-P&G/Policy dtd 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.

**29. 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 order 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 seven days of the order and / or fails to furnish Performance Security.

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

**30. Modifications to Bids:** The Bidder shall make no modifications to the bids after the closing date unless specifically requested for, by NIOT. In case certain clarifications are sought by NIOT after opening of tenders, then the reply of the partner should be restricted to the clarifications sought. Any bidder who modifies his bid (including a modification which has the effect of altering the value of his offer) after the closing date without any specific communication from NIOT shall make their tender as invalid and liable to be debarred from participation in future Tenders of NIOT.

**31. Unsolicited Post-Tender Reduction:** The bidder shall note that any unsolicited post-tender reduction by them would disqualify them from participating in this as well as future tenders apart from forfeiting the EMD submitted or any other Bank Guarantee submitted.

**32. Discounts:** Bidders are advised not to indicate separate discounts. Discounts, if any, should be included in the rates against the quoted items.

**33. Canvassing:** Exerting pressure and/or offering in documenting any form by the bidder or by any other person on behalf of the bidder shall disqualify the bid and lead to its rejection.

**34. 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 (Model format available in the annexure) along with agency agreement.

## **TERMS AND CONDITIONS GOVERNING THE CONTRACT**

**35. 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 (Air worthy packing of internationally acceptable practices withstand transit and Transshipments by air / road / rail)
- d. Cost of handling, documentation, freight, insurance from contractor's ware house up to NIOT warehouse.

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.

**36. Taxes and duties:**

**The GST will be paid as per the HSN code and applicable rate.**

**b. Deductibles:**

**(a) Deduction of Indian Income Tax Deduction at Source for the Indian bidders:** TDS will be deducted as applicable for Supply under Sec 194Q and for service portion under Sec 194C. Valid Permanent Account Number (PAN) is mandatory.

**(b) Deduction of GST TDS for the Indian Bidders:**

GST-TDS is deductible on supply of goods or Services in respect of Intra - State Supplies at the rate of 2% (CGST -1% and SGST – 1%) and also in the case of Inter-State supplies at the rate of 2%(IGST) from the payment made or credited to the supplier of taxable goods or services or both when the contract value is above Rs.2,50,000/-.

**37. Delay in Completion / Liquidated Damage (LD):** If the Contractor shall fail to deliver the entire systems as per the tender specification within the time specified in the contract, NIOT shall recover from the contractor as liquidated damages a sum of 0.5% of the particular activity price for each week of delay will be deducted. The total liquidated damages shall not exceed 5% (five percent) of the specific activity price of the unit or units 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 on time, the entire system/components will be considered as delayed until such time the un-delivered parts are delivered and entire contractual obligations completed.

**38. Guaranteed time of delivery-specific performance of contract:** The time of delivery including testing is the essence of the contract. In the event of part supply, NIOT shall withhold the entire payment until the whole of the supply as per the order is delivered. The item to be supplied within **10 Weeks** from the date of Purchase order.

**39. Extension of delivery period:** If 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 three days from the date of such occurrence, give notice to NIOT in writing of his claim for extension of delivery period. NIOT on receipt of such notice may agree to extend the order delivery date as may be reasonable but without prejudice to other terms and conditions of the order. Unless the extended delivery period is agreed by NIOT in writing, supplier cannot claim the extension of delivery time as a matter of right. NIOT shall have the right to either cancel/extend the order validity/ levy LD as appropriate.

**40. Performance Security:** The successful bidders should deposit 5% of the item value as Performance Security within 2 weeks from the date of issue of PO. The performance security shall be in one of 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 Bank
- (5) Online payment in an acceptable form.

This format can be downloaded from the link <https://www.niot.res.in/index.php/vendor/login>. 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 purchase order and forfeit the EMD submitted.

**41. Performance Guarantee/ Warranty Bank Guarantee:** As per the MoFS guidelines 10% of the item value to be retained towards warranty to ensure the performance of the equipment's to avoid any defect due to material/ workmanship or

any omission on the part of the contract to rectify the same during the warranty period. If performance bank guarantee for 10% of the item value is submitted and valid till completion of the warranty period of both items at both Island and acceptance then 50% payment will be released at (ii) of clause 42. The warranty Bank Guarantee will be discharged after completion of the standard warranty period.

**42. Payment: -NO ADVANCE PAYMENT WILL BE MADE.** 90% payment will be made within 30 days from the date of receipt of bill along with the required documents such as Warranty certificate and after receipt and acceptance of the item at NIOT and upon fulfilment of other obligations stipulated in the order. The balance 10% retained towards warranty for three years will be released at on completion of warranty period.

**43. Risk Purchase:** If the Contractor fails to deliver to the stores or any instalment 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 remaining items from any parties the stores not delivered at the risk and cost of the defaulting Contractor. No payment claimed for any part supplies made.

**44. 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 bidder.

**45. Warranty:** The supplier warrants that the Goods supplied under this order 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 order. The supplier further warrants that all Goods supplied under this order shall have no defect arising from design, materials or workmanship (except when the design and/or material is required by NIOT's Specifications) or from any act or omission of the supplier that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination. The item supplied should be free from any manufacturing defects. The warranty shall remain valid for 12 months after the production and successful testing as per tender requirements, Installation and commissioning of the Goods. The warranty certificate should be furnished in the prescribed format in your letterhead and can be downloaded from the website link <https://www.niot.res.in/index.php/vendor/login>. NIOT shall promptly notify the supplier in writing of any claims arising under this warranty.

Upon receipt of such notice, the supplier shall, within one (1) month repair or replace the defective 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 supplier, having been notified, fails to remedy the defect(s) within the period specified, NIOT may proceed to take such remedial action as may be necessary, at the supplier 's risk and expense and without prejudice to any other rights which NIOT may have against the supplier under the order. Also, such failure shall lead to suspension of vendor from participation as deem fit by NIOT.

**46. Defect Liability clause:** Any defect, or any other faults of the goods supplied/parts etc., plant components etc., which may appear against the set quality or performance characteristics within the Defects Liability period (DLP), of 12 months.,

any defects, arising in the opinion of the NIOT from materials or workmanship not in accordance with the contract, shall on demand which shall be made within the defects liability period, in writing by the NIOT and within such reasonable time (i.e) 1 months as shall be stated therein specifying the work, materials or articles complained of notwithstanding that the same may have been passed or/and certified, paid for be amended and made good by the contractor. In case of default, NIOT may employ and pay other person or persons to amend and make good all such defects or other faults and all damages, losses and expenses consequent thereon or incidental there to. Contractor shall be made good and borne by the Contractor at the risk and cost of the contractor. And recoverable from the contractor by the NIOT or may be deducted by NIOT from any moneys due or that may become due to the contractor. Should any defective work have been done or materials supplied by the contractor or their associates the contractor shall be liable to make good the same in the same manner as if such work or materials had been subject to the provisions. Any delay in rectifying the defects within a maximum time of one month shall result in automatic extension of DLP within contract price to the extent of delay in rectification. The warranty clause & DLP clause to be read together.

**47. 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.

#### **48. Eligible Bidders**

**48.1.** This Invitation for Bids is open to all suppliers. However, only Class-I and Class-II local suppliers are eligible to participate in Domestic Tender.

**48.2.** 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.

**48.3.** 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.

**48.4.** Bidders who fulfil the Eligibility Criteria mentioned in NIT will be considered for Technical Evaluation of bids.

#### **49. 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.

## **50. 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.

### **(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 7

### **(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

**50.1.** 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.

**50.2.** The bidders/suppliers should sign a declaration about abiding by the Code of Integrity for Public Procurement and submit it in the form 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 contracts, banning and blacklisting or action by Competition Commission of India, and so on.

### **50.3. Obligations for Proactive disclosures**

a) The Purchaser as well as bidders, suppliers, contractors and consultants, is 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

### **50.4. Punitive Provisions**

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

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.

## **51. 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 CPPP website <https://etenders.gov.in> of the purchaser

## **52. Documents Establishing Goods' Eligibility and Conformity to Bidding Documents**

52.1. 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.

52.2. 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.

52.3. 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.

## **53. Confidentiality**

**53.1.** Information relating to the examination, evaluation, comparison, and post qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until Award of the Contract. However, decisions taken during process of tender evaluation shall be hosted on e-Tenders portal.

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

## **54. 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.

## **55. Post qualification**

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

**55.2.** The determination will take in to the Eligibility & Qualification criteria listed in the SCC of Tender document 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.

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

## **56. 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:

**56.1** 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.

**56.2** 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.

**56.3** 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.

**56.4** 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 within 05 working days from the date of communication of the purchaser intimating the rejection for reconsideration of the decision by the purchaser.

**56.5** 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.

### **57. Joint Venture, Consortium or Association**

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

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. Applicability in Special Cases**

a) Applicability to 'Make in India'

Bidders (manufacturer or principal of authorised representative) who have a valid/approved ongoing 'Make in India' agreement/ program and who while meeting all other criteria above, except for any or more of sub-criteria in Experience and Past Performance above, would also be considered to be qualified provided:

- i their foreign 'Make-in-India' associates meet all the criteria above without exemption, and
- ii The Bidder submits appropriate documentary proof for a valid/approved ongoing 'Make in India' agreement/program.
- iii the bidder (manufacturer or principal of authorised representative) furnishes along with the bid a legally enforceable undertaking jointly executed by himself and such foreign Manufacturer for satisfactory manufacture, Supply (and erection, commissioning if applicable) and performance of 'The Product' offered including all warranty obligations as per the general and special conditions of contract.

b) Authorized Representatives Bids of bidders quoting as authorised representative of a principal manufacturer would also be considered to be qualified, provided:

- i. their principal manufacturer meets all the criteria above without exemption, and
- ii. the principal manufacturer furnishes a legally enforceable tender-specific authorisation in the prescribed form assuring full guarantee and warranty obligations as per the general and special conditions of contract; and

iii. the bidder himself should have been associated, as authorised representative of the same or other Principal Manufacturer for same set of services as in present bid (supply, installation, satisfactorily commissioning, after sales service as the case may be) for same or similar 'Product' for past three years ending on 'The Relevant Date'.

c) For Existing Successful Past Suppliers

In case the bidder (manufacturer or principal of authorised representative) who is a successful past supplier of 'The Product' in at least one of the recent past \_\_\_\_\_ procurements, who do not meet any or more of requirements above, would also be considered to be qualified in view of their proven credentials, for the maximum quantity supplied by him in such recent past.

d) Joint Ventures and Holding Companies

Credentials of the partners of Joint ventures cannot (repeat cannot) be clubbed for the purpose of compliance of PQC in supply of Goods/Equipment, and each partner must comply with all the PQC criteria independently. However, for the purpose of qualifying the Financial Standing Criteria, the Financial Standing credentials of a Holding Company can be clubbed with only one of the fully owned subsidiary bidding company, with appropriate legal documents proving such ownership.

## **59. Termination:**

a) The contract shall become effective from the date of signing of contract and the contract shall automatically get terminated after successful completion of all contractual obligation and warranty obligation as per the terms of the contract.

b) (i) Termination of the order due to breach of order by the bidder  
(ii) Termination of order due to default,  
(iii) Termination of the order due to insolvency,  
(iv) Termination of the order for convenience.

If the termination of the order 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.

## **60. 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 or arising, directly or indirectly, from:

- Breach of this Agreement by the Contractor
- 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
- Violation or contravention of any Legislation on the part of the Contractor
- Any negligence or wilful misconduct of Contractor, which violates any provision of this Agreement
- Infringement of any intellectual property belonging to any third party by the Contractor
- Any breach of an agreement or misunderstanding between Contractor and any and all Third Parties due to which a liability arises on NIOT

- Any claim that any representations or warranties contained herein are not true or any breach thereof
- Any loss or damage caused by the Contractor to NIOT, its personnel or property
- Any loss or damage caused by the Contractor to any and all Third Parties for which a claim against NIOT has arisen
- 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.
- Any obligation of the Contractor performed by NIOT under this Agreement or under any Legislation.

## **61. Arbitration**

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 re-enactment 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 Arbitrator shall make 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.

## **62. Preference to Make in India**

As per DPIIT Order No. P-45021/2/2017-PP (BE-II) dated 16<sup>th</sup> September 2020 issued by Ministry of Commerce, Class-I and Class-II Local suppliers are eligible to bid (as specified in Clause- 1.30.3)

### **I. 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.

## **II. 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.

## **III. 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.

d) 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.

e) 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

#### **IV. 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.

#### **V. 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.

#### **VI. 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.

#### **VII. 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.

**VIII. 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 upto 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 & authorised copy of certificate of registration with any one of the above agencies. In case of bidders submitting DIC registration certificate shall attach original notarised 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.

### Section-I-Commercial Terms Compliance sheet

S. No	Particulars	Yes	No	Page Ref
1	Whether EMD for <b>INR 74000/-</b> 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 accepted to submit the ORDER acceptance within 15 days from the date of receipt of the ORDER along with scanned copy of performance security?			
5	Whether submission of 5% of the contract value as Performance Security is acceptable?			
6	Whether submission of 15% of the item value as Performance Bank Guarantee is acceptable?			
7	Whether quote is valid for 120 days from the date of tender opening or time specified in the tender document whichever is later?			
8	Whether payment terms of the tender are complied with?			
9	Whether FOR NIOT Chennai is complied with?			
10	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?			
11	Whether item-wise price is quoted as per price bid and quoted price is realistic?			
12	Whether liquidated damage as specified in the NIT accepted unconditionally?			
13	Whether the delivery period is acceptable as per the tender.			
14	Whether the warranty period (minimum 36 months) is acceptable as per the tender.			
15	Bidder is responsible for all performance benchmarks and the quote should contain an undertaking certifying the same.			
16	Whether all the Pre-qualification criteria both technically documents is attached?			
17	Whether Past track record of quality and service is enclosed?			
18	In case of Dual Bid whether unpriced /blank commercial bid (Part-B) is enclosed in part – A (Technical Bid)?			
19	Whether list of deliverables attached and comply as per tender?			
20	Whether all the annexure I to VIII is duly signed & sealed attached?			

We agree to all applicable terms and conditions listed in the tender document

Company's Signature with Seal

**Section II: Technical compliance sheet (to be filled by bidders)**

<b>S.No</b>	<b>Parameter</b>	<b>Requirement</b>
1	Quantity	1 (on Buy Back Mode)
2	Pre-Qualification Criteria	As per Tender Technical Specification
3	Frequency	20 Hz (or less) to 1 MHz (or more)
4	Frequency Resolution	Atleast 1 mHz
5	Measurement parameters	Impedance ( $ Z $ ), Phase ( $\theta_z$ ), admittance( $ Y $ ), Conductance (G), Susceptance (B), Reactance, Capacitance, Resistance, inductance, Q factor
6	Basic Accuracy	<0.1%
7	Impedance Range	1 $\Omega$ to 10 M $\Omega$
8	DC bias Voltage, Current	0V to $\pm$ 10 V, 0mA to $\pm$ 100 mA
9	Voltage signal level	At least 1V rms
10	Voltage signal level Resolution	1 mV
11	Sweep parameters	Frequency, signal voltage/current, DC bias voltage/current
12	Sweep Type	Linear frequency, log frequency, linear signal level, linear DC bias, log DC bias, segment
13	Number of measurement points	800 or above
14	Number of Channels/traces	4- data trace per channel
15	Marker	Delta marker, marker search, marker analysis Maximum value, minimum value, multi-peak, multi-target, peak, peak left, peak right, target, target left, target right, and width parameters with user defined bandwidth values
16	Data analysis	Equivalent Circuit parameter calculation and Limit Line Test
17	External trigger	TTL Positive or negative with BNC connector
18	Interface	USB (front and rear), LAN, GPIB
19	Display	>5.5 inch TFT color LCD

20	Test Fixtures to be supplied	<ul style="list-style-type: none"> <li>• Large Kelvin Clip Lead ( 5 Hz to 500 kHz) with cable length 1 mtr</li> <li>• 4 terminal pair fixtures for component tests and cable test (DC to 1MHz) (each 1 No)</li> <li>• DC bias fixture (if required)</li> </ul>
21	Line power	230V VAC, 50 Hz
22	Operating temperature	+10 °C to +40 °C
23	Storage temperature	+10 °C to +60 °C
24	Calibration Certificate	Traceable calibration certificate from accredited laboratory need to be provided
25	Accessories	Test fixtures as above, power cable, GPIB cable
26	Operating System	Windows 10 or above
27	Installed RAM	at least 8.00 GB or above.
28	Overall Specification	As per Tender Technical Specification

**Section III Unpriced Bid sheet format**

<b>S.No</b>	<b>Description</b>	<b>Quantity (Nos)</b>	<b>Unit Rate in Rs.</b>	<b>Amount in Rs.</b>
1.	Impedance Analyzer	1 No		
2.	Large Kelvin Clip Lead (5 Hz to 500 kHz) with cable length 1 mtr.	1 No		
3.	4 terminal pair fixtures for component tests and cable test (DC to 1MHz) (each 1 No)	1 set		
4.	DC bias fixture (if required)	1 set		
5.	Total Value without buyback (Sl.No.1 - 4)			
6.	Buy back price for the existing Impedance Analyzer	1 No		
7.	Total Value with buyback			

**Note: The basic price should be inclusive of all taxes and other levies. Since GEM excel format does not have the provision to quote GST separately**

#### **Section IV Scope of Supply**

- Supply and install the impedance analyzer as per the specification given in the tender document **on buy back mode**.
- Test fixtures, power cable, GPIB cable and necessary accessories as per tender document.
- Operating manual and Service Manual for impedance analyzer and accessories (Softcopy / hardcopy)
- Supporting Drivers/software's for interfacing with PC.
- Traceable calibration certificate from accredited laboratory need to be provided.
- Packing list with the details of dimension, weight and contents of the packages

### ANNEXURE-1

To supply and install the impedance analyzer along with accessories as per specification given below **on buy back mode**. This impedance analyzer will be used for measuring and logging impedance parameters of underwater electro acoustic transducers/hydrophones.

S.No	Parameter	Requirement
1	Quantity	1 (on Buy Back Mode)
2	Pre-Qualification Criteria	As per Tender Technical Specification
3	Frequency	20 Hz (or less) to 1 MHz (or more)
4	Frequency Resolution	Atleast 1 mHz
5	Measurement parameters	Impedance ( Z ), Phase ( $\theta_z$ ), admittance( Y ), Conductance (G), Susceptance (B), Reactance, Capacitance, Resistance, inductance, Q factor
6	Basic Accuracy	<0.1%
7	Impedance Range	1 $\Omega$ to 10 M $\Omega$
8	DC bias Voltage, Current	0V to $\pm$ 10 V, 0mA to $\pm$ 100 mA
9	Voltage signal level	At least 1V rms
10	Voltage signal level Resolution	1 mV
11	Sweep parameters	Frequency, signal voltage/current, DC bias voltage/current
12	Sweep Type	Linear frequency, log frequency, linear signal level, linear DC bias, log DC bias, segment
13	Number of measurement points	800 or above
14	Number of Channels/traces	4- data trace per channel
15	Marker	Delta marker, marker search, marker analysis Maximum value, minimum value, multi-peak, multi-target, peak, peak left, peak right, target, target left, target right, and width parameters with user defined bandwidth values

16	Data analysis	Equivalent Circuit parameter calculation and Limit Line Test
17	External trigger	TTL Positive or negative with BNC connector
18	Interface	USB (front and rear), LAN, GPIB
19	Display	>5.5-inch TFT color LCD
20	Test Fixtures to be supplied	<ul style="list-style-type: none"> <li>• Large Kelvin Clip Lead (5 Hz to 500 kHz) with cable length 1 mtr</li> <li>• 4 terminal pair fixtures for component tests and cable test (DC to 1MHz) (each 1 No)</li> <li>• DC bias fixture (if required)</li> </ul>
21	Line power	230V VAC, 50 Hz
22	Operating temperature	+10 °C to +40 °C
23	Storage temperature	+10 °C to +60 °C
24	Calibration Certificate	Traceable calibration certificate from accredited laboratory need to be provided
25	Accessories	Test fixtures as above, power cable, GPIB cable
26	Operating System	Windows 10 or above
27	Installed RAM	at least 8.00 GB or above.
28	Overall Specification	As per Tender Technical Specification

### **Delivery Content**

- I. The complete system to be delivered within 10 weeks from the date of purchase order
- II. Installation at NIOT, Chennai
- III. The supplied item should have minimum of 1-year warranty
- IV. System documentation includes
  - Installation guide
  - Operating manual for impedance analyzer and accessories (soft copy and hard copy)
  - Service manual if any
  - Packing list with the details of dimension, weight and contents of the packages
  - Traceable calibration certificates
  - Warranty certificate as per NIOT format

## ANNEXURE-2

### Bid Securing Declaration Form

Date:

E-Tender No:

E-Tender Title:

To,

NATIONAL INSTITUTE OF OCEAN TECHNOLOGY

VELACHERY 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: or (ii) thirty days after the expiration of the validity of my/our Bid.

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

In the capacity of \_\_\_\_\_ (insert legal capacity of person signing the Bid 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 Bidder)

Dated on \_\_\_\_\_ day of \_\_\_\_\_ (insert date of signing)

Corporate Seal (where appropriate)

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

## ANNEXURE-3

### 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 2.20 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

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

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

Title: [insert title]

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

Dated on \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ [insert date of signing]

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

**ANNEXURE- 4**

**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-5

### 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 Para 1.3.0 of ITB 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 transgressions of the code of integrity with any entity in any country during the last three years or of being debarred by any other Procuring Entity are as under:

a

b

c

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

Thanking you,

Yours sincerely,

Signature

(Name of the Authorized Signatory)

Company Seal

## ANNEXURE-6

### **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-6**  
**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

i 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- 7**

### **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 applicable
- 

Place:

Date:

Authorised Signatory

Name:

Company Seal