



राष्ट्रीय समुद्र प्रौद्योगिकी संस्थान
NATIONAL INSTITUTE OF
OCEAN TECHNOLOGY

संविदा आमंत्रण सूचना(नि.आ.सू.)
NOTICE INVITING TENDER (NIT)

फार्म संख्या:
Form No. NIOT/S&P/NIT

GeM-Tender Schedule

निविदा संख्या/Tender No.	NIOT/S&P/EFW/24441/2025-26	
किएजारी/Issued For	Barometric Pressure Sensor with Cables and Accessories to Suit Marine Environment.	
निविदाप्रणाली/Tender Mode	GeM – Custom Bid	
बोली का प्रकार एवं निविदा प्रस्तुतिकरण/ Bidding Type & Tender submission	Single Part Tender comprising of Technical Bid and Price Bid should be submitted electronically through GeM portal https://gem.gov.in	
विनिदा प्रलेख उपलब्धता स्थान/ Tender Documents available place	Bidders may download the help documents. Helpdesk number : 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 ई मेल आईडी पर भेजें/Send your queries to the email IDs	निविदा के अंतिम चरण तक/Upto Tender finalisations	gopalakrishnaa.niot@gov.in / procure@niot.res.in

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

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

नारायण पुरम, चेन्नै **600 100 NARAYANPURAM, CHENNAI 600 100**

रा.स.प्रौ.सं. वेबसाइट/NIOT Website : <https://niot.res.in/conmgmt/signin.php>

Commercial Terms Compliance sheet (The format should not be altered)

S. No.	Particulars	Yes	No	offer Page Ref
1	Whether every page of the tender document is signed for acceptance of tender and uploaded along with the offer?			
2	Whether Taxes and duties are shown separately in the quote. (Registration numbers for claiming the same to be strictly indicated)			
3	Whether accepted to submit the order acceptance within 7 days from the date of order?			
4	Whether Quote is valid for 90 days from the due date of tender or time specified in the tender document whichever is later?			
5	Whether payment terms of the tender is complied with?			
6	Whether the bidder satisfies the Pre- qualification criteria			
7	a copy of your GST Registration certificates and PAN details are attached (Mandatory qualifying condition)			
	a. The Goods / items quoted are manufactured in India and not imported from any country.			
	b. Make in India Clause: If the item/goods are partially imported, specify your category:			
	1. CLASS I Category: Supplier or service provider, whose goods, services or works offered for procurement, has local content greater than or equal to 50%.			
	2. CLASS II Category: Supplier or service provider, whose goods, services or works offered for procurement, has local content more than 20% but less than 50%.			
8	Whether self certification form is enclosed (For Class I & Class II supplier only)?			
9	Whether price is FOR /DAP, NIOT Chennai?			
10	Whether the freight cost is included, if not included whether the freight cost is indicated separately?			
11	Whether the authorization letter exclusively for this tender, from the original manufacturer is enclosed?			
12	a) Whether warranty period accepted as per tender?			
	b) Whether submission of warranty certificate in the prescribed format is acceptable?			
13	Whether the delivery period is clearly indicated, and is as per tender?			
14	Whether the cost of installation / inspection / testing explicitly mentioned in the quote?			
15	Whether Past track record of quality and service is enclosed?			
16	Whether list of deliverables attached and comply as per tender?			
17	Whether liquidated damage clause is acceptable in case of delayed supply?			
18	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?			
19	Whether item-wise price is quoted as per price bid and quoted price is realistic?			
20	Whether technical specification has been duly filled in and submitted with the tender document is uploaded along with the quotation.			
21	Whether HSN code of the product has been indicated?			
22	Whether your firm is registered under MSME/ NSIC/DIC/UAM? If yes enclose copy of registration			

PRICE BID FORMAT

S.No.	Description	Quantity	Unit	Unit rate	Amount
1.	Barometric pressure sensor with cables and accessories to suit marine environment & Including Freight Charges.	2	Nos		
Total Amount					
(Amount in words. _____)					

Note:

* **The above price should be inclusive of GST and FOR NIOT, Chennai.**

NIOT has enrolled under GST in the category "Tax Deductor". The bidders are requested to update their database regarding NIOT's Registration under GST-Tax Deductor.

TDS @ 2% on the order value towards GST will be deducted on payments made to the supplier in respect of goods and/or services, supplied/provided if the value exceeds Rs. 2.5 lakhs.

1. The copy of the GST registration certificate to be attached.
2. The duly filled technical and commercial compliance sheets should be submitted along with quotation/offer.

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

Signature with Seal

Technical specification for Barometric pressure sensor

1. Scope of work

Supply of Barometric pressure sensor with cables and accessories to suit marine environment

Pre-Qualification criteria:

Description	YES/NO
The supplier should have supplied the proposed item to reputed ocean research institutions (NIOT, INCOIS, NCCR, NIO, NCPOR, etc). The item should have been used for moored buoy applications, and a satisfactory performance certificate for a minimum of one year must be provided by the user.	

2. Requirement

Description	Requirement	Yes	No	Remarks
Type of Sensor	Barometric Pressure Sensor			
Application	To measure Barometric pressure on wave powered navigational buoy			
Make	Xylem/ Lambrecht/ RM Young/ Observator/ Vaisala			
Measurement Range	500 to 1100 hpa or better			
Accuracy	±0.60 Full scale or better			
Response time	500 ms or better			
IP rating	IP65 or better			
Analog output	0-5 VDC			
Operating Voltage	9-12 VDC			
Current consumption	< 8 mA or better			
Operating conditions	Marine environment			
Operating temperature	20 to 60°C			
Accessories	• 5 meter sensor cable, test cable and accessories shall be suitable for marine environment. • Suitable mounting brackets and connectors, if any			
Quantity	2Nos			

2. General

- i. Items to be supplied along with a calibration / test certificate, operation User guide
- ii. Items to be supplied with a suitable molded cabinet case.
- iii. After sales support required to be provided at NIOT, Chennai whenever required.
- iv. The equipment should be calibrated in a NABL-certified laboratory, which must be traceable to a national standards laboratory such as NPL or NIST etc.

Terms and Conditions:

1. **Validity:** Quote should be valid for **90 days**.
2. **Payment:** 100% Payment will be made within 30 Days after supply, acceptance of the materials. No advance payment shall be made.
3. **Delivery:** The items should be delivered at NIOT, Chennai **within 4-6 weeks** from the date of receipt of the purchase order.
All items should be properly dispatched to NIOT, Chennai.
4. **Warranty:** All the supplies shall carry warranty for **12 months** from the date of supply and acceptance by NIOT.
5. **Part Supply:** Not Allowed. All the items should be delivered in a single lot within the stipulated time.

We agree to all terms and conditions as per tender document.

Date:

Signature of supplier

Place:

Stamp

SPECIMEN COPY (to be given in your Letter Head)

WARRANTY CERTIFICATE

The contractor / seller

Address hereby declares that the goods/stores/articles, namely sold to the buyer Director, National Institute of Ocean Technology, Chennai, under the Contract / Purchase Order No.: shall be of the best quality (and Workmanship) and shall be strictly in accordance with the specifications and particulars contained / mentioned in the clause / order hereof and the contractor / seller hereby guarantees that the said goods / stores / articles would continue to confirm to the description and quality aforesaid for a period of days/month/year from the date of delivery of the said goods / stores / articles to the purchaser i.e., day of 2025 and that notwithstanding the fact that the purchaser or his authorized representative may have inspected and / or approved the said goods / stores / articles, if during the aforesaid period of days / months / years the said goods/stores/articles be discovered not to conform to the description and quality aforesaid or have deteriorated (and the decision of the purchaser in that behalf will be final and conclusive) the purchaser will be entitled to reject the said goods/stores/articles or such portion thereof as may be discovered not to conform to the said description and quality. On such rejection the goods/articles/stores will be at the seller's risk and all the provisions herein contained relating to rejection of goods etc., shall apply. The contractor / seller, if so called upon to do, replace the goods, etc., or such portion thereof as is rejected by the purchaser, otherwise the contractor/seller shall pay the purchaser such damages as may arise by reasons of the breach of the conditions herein contained. Nothing herein contained shall prejudice any other right of the purchaser in that behalf under this contract or otherwise.

ANNEXURE

**Format for Self Certification under Preference to
"MAKE IN INDIA" Policy**

(Refer Clause No. 2.8 & 3.4.4 of ITT)

CERTIFICATE

In line with Government Public Procurement Order No. P-45021/2/2017-BE-II dt. 15.06.2017, as amended from time to time and as applicable on the date of submission of tender, we hereby certify that we M/s._____ (supplier name) are local supplier meeting the requirement of minimum **Local Content** _____% as defined in above orders for the material against Tender No._____

Details of location at which local value addition will be made is 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 Rule for which for which a bidder or its successors can be debarred for up two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.

Seal and Signature of Authorized Signatory