



NATIONAL INSTITUTE OF  
OCEAN TECHNOLOGY

**NOTICE INVITING TENDER (NIT)**

Form No.

NIOT/S&P/NIT



Tender No.		NIOT/S&P/OA/5883/2024-25
Issued To		<b>Portable Acoustic Data Logger</b>
Tender Mode		<b>GeM (Custom Bid) – Dual Bid</b>
Tender Issue date		<b>22.11.2024</b>
Tender Closing Date and Time		<b>19.12.2024 at 3.00 PM</b>
Tender Opening Date and Time		<b>19.12.2024 at 3.30 PM</b>
Send your queries to the email IDs	Up to Tender finalizations	<a href="mailto:gopalakrishnaa.niot@gov.in">gopalakrishnaa.niot@gov.in</a> <a href="mailto:vaidehi.niot@gov.in">vaidehi.niot@gov.in</a> <a href="mailto:purchase@niot.res.in">purchase@niot.res.in</a>

**NATIONAL INSITUTE OF OCEAN TECHNOLOGY VELACHERY  
TAMBARAM MAIN ROAD NARAYANAPURAM, CHENNAI  
600100**

**NIOT WEBSITE: <http://www.niot.res.in/tenders>**

### Commercial Terms Compliance sheet **(format should not be altered)**

Sl. 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 <b>120 days</b> from the due date of tender or time specified in the tender document whichever is later?			
5	Whether <b>payment terms</b> of the tender is complied with?			
6	Whether the bidder satisfies the Pre- qualification criteria			
	a. a copy of your GST Registration certificates and PAN details are attached (Mandatory qualifying condition)			
	b. Supplier should have previous experience in supply of similar items to recognized institutions (Mandatory qualifying condition)			
7.	<b>a. The Goods / items quoted are manufactured in India and not imported from any country.</b>			
	<b>b. Make in India Clause: If the item/goods are partially imported, specify your category:</b>			
	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%.			
	<b>Only Class I and II categories of vendors are eligible to quote.</b>			
8	Whether self certification form is enclosed (For Class I & Class II supplier only)?			
9	Whether price is <b>FOR</b> NIOT, Chennai?			
10	Whether the freight cost is included, if not included whether the freight cost is indicated separately?			
11	Whether the <b>authorization letter</b> exclusively for this tender, from the original manufacturer is enclosed?			
12	a) Whether <b>warranty</b> period accepted as per tender? b) Whether submission of <b>warranty</b> certificate in the prescribed format is acceptable?			
13	Whether the <b>delivery period</b> 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 submission of PS is acceptable if the value exceeds Rs. 25,00,000/-			
17	Whether submission of PBG is acceptable if the value exceeds Rs. 25,00,000/-			

18	Whether list of deliverables attached and comply as per tender?			
19	Whether liquidated damage clause is acceptable in case of delayed supply?			
20	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?			
21	Whether item-wise price is quoted as per price bid and quoted price is realistic?			
22	Whether technical specification has been duly filled in and submitted with the tender document is uploaded along with the quotation.			
23	Whether HSN code of the product has been indicated?			
24	<b>Whether your firm is registered under MSME/ NSIC/DIC/UAM? If yes enclose copy of registration</b>			

ANNEXURE-M

**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:

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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

**PRICE BID FORMAT:**

**Portable Acoustic Data Logger:**

S.No.	Description	Qty	Unit	Unit rate	Amount
1.	Portable Acoustic Data Logger	2	Numbers	<b><u>The price has to be quoted in the price bid only and shall not be revealed here. If revealed here the quotation shall not be considered for evaluation.</u></b>	
<b>Total Amount</b>					
<b>(Amount in words.</b>					<b>)</b>

**The above price should be inclusive of GST and F.O.R. NIOT Chennai.**

**Note:**

**# The goods items quoted are manufactured in India and not imported from any country.**

**For Supply and Service**

1. GST shall be paid extra as applicable.

2. Deduction of Indian Income Tax Deduction at Source:

Deductable for all the services rendered for India as per avoidance of double taxation treaty between your Country and Govt. of India. Without Tax Residency Certificate / Tax Identification No. at your country of residency, tax deduction at source will be @20% and with Tax Residency Certificate / Tax Identification No. at your country of residency, tax deduction at source will be @ 10% as per DTAA rate. However, the applicable taxes at the time of actual utilization of service, etc. will be deducted.

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. (See clause No.51 II (c))

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 and detailed data sheet for the quoted model should be submitted along with quotation/offer.
3. The above item to be delivered within **12 weeks** from the date of receipt of order.
4. The warranty certificate should be provided for **12 months** from the date of supply of the material.
5. 100% payment shall be made after supply and acceptance of the materials.

6. Part Supply: Not allowed. All the items should be delivered in single lot within the stipulated time.

7. **Delivery Site:** National Institute of Ocean Technology, Pallikaranai, Chennai – 600100, India.

8. **Liquidated damage:** If the Contractor shall fail to deliver the systems/components within the time specified in the Contract, NIOT shall recover from the Contractor as liquidated damages a sum of 0.5% (1/2 percent) of the contract price of the undelivered systems /components for each week of delay (or) part thereof. The total liquidated damages shall not exceed 5% (5 percent) of the contract 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 in time, the entire system / components will be considered as delayed until such time the missing parts are delivered.

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

Company's Signature with Seal

**Technical Specification compliance sheets for “Portable Acoustic Data Logger”**

<b>S. NO.</b>	<b>SPECIFICATIONS</b>	<b>REQUIREMENT</b>	<b>Compliance (Yes / No)</b>
1.	Quantity	2 nos.	
2.	Data acquisition -Sampling rate	Software configurable upto 96 kHz	
3.	Data acquisition-Resolution	24 bit	
4.	In built memory	SD/SSD minimum 1TB or higher - Removable	
5.	Continuous recording time	≥10 days at maximum sampling rate as provided	
6.	Recording modes	Continuous/User defined interval	
7.	Real Time Clock	Built-in RTC with the logger	
8.	Internal Power Supply	Built-in battery operated	
9.	Output file format	standard supported format such as .csv, .txt, .wav	
10.	Operating depth	900 m to 1500 m	
11.	Operating temperature range	-5 deg C to +50 deg C	
12.	Storage temperature range	-15 deg C to +55 deg C	
13.	PC and Laptop interface	Ethernet/USB/wifi/bluetooth with user friendly software for configuration and data download	
14.	Housing Material	SS/Plastic/Aluminum/Titanium withstanding the required operating depth	
15.	Hydrophone Interface	provide suitable underwater connector/cable to interface with hydrophone	
16.	Weight ( in air/water) (inclusive of battery)	Less than 12/5 kg	

17.	Accessories	Suitable carrying case, suitable mounting brackets to attach the system with underwater mooring, bottom mount, or a subsurface line. Interface cable or test cable/user manuals/software CD's if any	
18.	Hydrophone Specifications (wide band, low noise)	<ul style="list-style-type: none"> <li>• Operating Frequency Bandwidth : 10Hz to 50 kHz</li> <li>• Receiving Sensitivity (with Preamp): Better than -165 dB +/- 3 dB in the band 10 Hz to 20 kHz</li> <li>• Built-in Preamp Gain: 0 to 30 dB</li> <li>• Pre-amplifier type: voltage</li> <li>• Directionality: Omni-directional</li> <li>• Beam Pattern: +/- 3 dB at 20 kHz.</li> <li>• End Connectivity: Terminated by a suitable underwater connector to interface with data acquisition system.</li> <li>• Depth rating – 1000 m.</li> <li>• Self noise at 1 kHz: &lt; 46 dB ( at or below sea state zero)</li> <li>• Test/Calibration: Calibration certificate with receiving sensitivity curves and directivity plots to be provided.</li> <li>• Input voltage: 12 – 16 V DC</li> </ul>	•
19.	Warranty	1 year	
20.	Previous experience/Supplier Selection Criteria	The vendor should have a minimum of 2 years experience and minimum of 2 orders supplied for similar acoustic system with logger prior to NIT tender to NIOT/research Institutes/industries in India or abroad in the past three years. Valid proof of documentary evidence to be submitted.	

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

Date:

Signature of supplier

Place:

Stamp

**+MANDATORY DOCUMENTS:**

1. GST Registration Certification
2. PAN details
3. Cancelled cheque Leaf / Bank details
4. Copy of NIT documents affixing company seal and signed in all the pages.
5. Duly filled commercial compliance sheet and Technical Compliance sheets
6. Any other documents sought in the NIT
7. Valid Authorisation Letter from OEM
8. MSME Certificate, if any
9. Self Certification under Preference to "MAKE IN INDIA" Policy (format attached)

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

Company's Signature with Seal