



राष्ट्रीयसमुद्रप्रौद्योगिकीसंस्थान
NATIONAL INSTITUTE OF OCEAN
TECHNOLOGY

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

फ़ार्म संख्या: NIOT/S&P/NIT
Form No.

GEM-Tender Schedule

निविदा संख्या/ Tender No.	NIOT/S&P/DSM/25807/2025-26
कोजारी Issued To	12 Channel Paperless Recorder
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
निविदा प्रलेख उपलब्धता स्थान 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 ppgfollowup@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			
	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	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	12 Channel Paperless recorder along with accessories as per Specifications.	1 No	No		
Total Amount					
(Amount in words. _____)					

Note:

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

*** For Supply**

The GST as applicable will be paid.

For Service

GST @ 18% is applicable.

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 should be submitted along with quotation/offer.

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

Signature with Sea

Technical compliance sheet of 12 Channel Paperless Recorder

1.0 Pre-Qualification Criteria

Sl.no	Pre-Qualification terms	Yes/No/Remarks
1.1	The OEM/supplier should have 3years of experience in supply of data loggers for Industrial/marine applications. OEM authorization certificate shall be provided by supplier.	
1.2	Documents proof for previous contract/supply shall be submitted along with tender. Failure / non-submission of documentary evidence may lead to disqualification of the bid.	
1.3	<p>** No Exemption in Pre qualification criteria for MSE'S**</p> <p>Since,</p> <p><i>The intended 12 channel paperless recorder critical equipment for recording the paramentsof 3.3/6.6 kV, 250kVA/500kVA and 415V 350kW VFDsduring testing.The recorder is essential for recordingreal-time parameters with high precision, accuracy and reliability during the testing of integrated mining system.</i></p> <p><i>Considering the above requirement, it is proposed to procure or get the 12-channel paperless recorder manufactured by an experienced vendor with a proven track record in supplying similar high-reliability products. It is requested that, pre-qualification criteria shall be for all suppliers including MSE's.</i></p>	

2.0 Technical compliance sheet of 12 Channel Paperless Recorder

Sl.no	Requirements	Specification	YES	NO	Remarks
2.1	Number of channels	i. 4 Channel for Voltage measurement ii. 4 Channel for current measurement iii. 2 Channels Pulse iv. 2 Channels for RTD			
2.2	Input type	i. DC Amps: 0 – 20mA, 4 -20mA ii. DC Volt: 0/1-5V, 0/2-10V iii. RTD: PT100, PT500 and etc, iv. Pulse input: Max sampling pulse frequency: 100Hz,			
2.3	Accuracy	i. $\pm 0.1\%$ @25°C for DC amps ii. $\pm 0.1\%$ @25°C DC Volts iii. $\pm 0.1\%$ @25°C for Pulse iv. $\pm 0.1\%$ @25°C for resistance			
2.4	Precision	i. $\pm 0.1\%$ @25°C for DC amps ii. $\pm 0.1\%$ @25°C DC Volts iii. $\pm 0.1\%$ @25°C for Pulse iv. $\pm 0.1\%$ @25°C for resistance			
2.5	Mathematic function	Arithmetic, Logic operations etc..			
2.6	Display parameters	Numerical values, Horizontal and vertical charts, Horizontal and vertical bars and many groups at a time			
2.7	Sampling period	100 ms			
2.8	Display	5.7inch graphic TFT, 16bit colour 320x240pixels with touch screen			
2.9	Internal memory	As per manufacture standard – 4GB internal memory			
2.10	Communication interface	3x RS485, USB Host port Ethernet			
2.11	Power supply	85-260V AC, 50Hz			
2.12	External media for data storage	USB port for data storage at front panel through 16Gb pen drive (to be supplied by OEM)			
2.13	Ingress protection	IP 65 (Device front side) including the gasket for panel cutout sealing			
2.14	Mounting	Panel mounting type and the cut-out size:137x137mm			

Sl.no	Requirements	Specification	YES	NO	Remarks
2.15	Test and calibration certificate	Item should be supplied with test and calibration certificate			
2.16	Testing and acceptance	The supplier should depute their engineer /representative for testing and acceptance of paperless recorder at NIOT campus, Chennai.			
2.17	Software upgradation	Supplier to provide support for software upgradation, if any for three years without any additional cost.			
2.18	Deliverable items	i. 12Channel Paperless recorder ii. Software (CD)for PC interface iii. Standard 3mtr Cable for PC interface iv. Instruction manual (hard copy) v. 16Gb pen drive vi. Calibration certificate vii. Carrying case viii. Test certificate			
2.19	Preferred make	Yokogawa, Simex, Honeywell, ABB & GE			

3.0 Information to be supplied along with Technical offer

- 3.1 Supplier shall enclose the above compliance sheet along with the offer duly filled.
- 3.2 The supplier shall provide quote in the following format as given in 4.0.
- 3.3 The supplier should provide the necessary technical brochures and data sheets for the product quoted in the offer.
- 3.4 The quotation should indicate the delivery time/schedule, validity of the price/quote, payment terms clearly.
- 3.5 The item should be delivered to NIOT within 4-8 weeks from the date of purchase order.
- 3.6 OEM authorization certificate to be provided

Note:

The supplier should provide the necessary technical brochures and data sheets for the product quoted in the offer.

- 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 **4-8 Weeks** from the date of receipt of the purchase order.
- 4. Warranty:** All the supplies shall carry warranty for **12 months from** the date of supply and acceptance by NIOT. The format of the warranty certificate shall be furnished to the successful bidder.
- 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 conform 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