



राष्ट्रीयसमुद्रप्रौद्योगिकीसंस्था
न
NATIONAL INSTITUTE OF
OCEAN TECHNOLOGY

संविदाआमंत्रणसूचना(नि.आ.सू.)
NOTICE INVITING TENDER (NIT)

फार्मसंख्या:
Form No. NIOT/S&P/NIT



GEM-Tender Schedule

निविदासंख्या/ Tender No.	NIOT/S&P/OOS/28556/2025-26
कोजारी Issued To	Handheld XRF Analyzer (With Coating thickness Module)
निविदाप्रणाली/Tender Mode	GeM - Custom Bid
बोलीकाप्रकारएवंनिविदाप्रस्तुतिकरण 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
निविदाप्रलेखउपलब्धतास्थानTender 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.
अपनेप्रश्नईमेलआईडीपरभेजें Send your queries to the email IDs	निविदाकेअंतिमचरण तक/Upto Tender finalisations gopalakrishnaa.niot@gov.in / tendergroup@niot.res.in

राष्ट्रीयसमुद्रप्रौद्योगिकीसंस्थान NATIONAL INSTITUTE OF OCEAN TECHNOLOGY
वेलचरीताम्बरममेनरोड VELACHERY TAMBARAM MAIN ROAD
नारायणपुरम, चेन्नै 600 100 NARAYANPURAM, CHENNAI 600 100
रा.स.प्रौ.सं. वेबसाइट/NIOT Website : <https://www.niot.res.in/index.php/vendor/login>

Commercial Terms Compliance sheet (The 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 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. 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 ClassI & 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 relevant data sheets/catalogs/brochure is enclosed alongwith the quotation?			
20	Whether item-wise price is quoted as per price bid and quoted price is realistic?			
21	Whether technical specification has been duly filled in and submitted with the tender document is uploaded along with the quotation.			
22	Whether HSN code of the product has been indicated?			
23	Whether your firm is registered under MSME/ NSIC/DIC/UAM/ Women Entrepreneur ? If yes enclose copy of registration			

PRICE BID FORMAT

S. No.	Description	Quantity	Unit	Unit rate	Amount
1.	Handheld X-ray Fluorescence Analyzer with PMI & coating thickness Module, (with accessories and deliverables listed in S. No. 2 of Technical specification)	1	No.		
Total Amount					
(Amount in words. _____)					

Note:

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

- The above price is FOR NIOT, Chennai and inclusive of all including the applicable GST.

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

Sl. No.	Description	Details		Bidder's Compliance
1	Handheld XRF Analyzer specifications	Elemental analyzing range	Aluminum alloys, structural steels, stainless steels and other industrial important alloys	
		Detector	Silicon Drift Detector (SDD) with ProGuard protection	
		Calibration Modes	General Metals, Precious Metals, Coatings, Mining, Soils, Plastics, Lead-in-Paint.	
		Coating Capability	Single & multilayer coatings. (mainly Galvanized zinc over steel)	
		Thickness Limit	Up to 100 µm	
		Battery use time	Between charges it should withstand up to 8-12hrs.	
		Operating Environment	-10 °C to +50 °C, Relative humidity : 0% to 80%	
		Data Handling	Storage: 10,000+ readings, Transfer via USB, Bluetooth.	
		Durability	IP54 rated (dust & splash proof)	
2	Accessories and Deliverables	Batteries-2no, charger, carrying case, check samples, cables, NDT software, Test Stand, mobile stand, soil guard, GPS module, etc.		

Sl. No.	Description	Details	Bidder's Compliance
3	Test Certificate	☐ Certificates should confirm elemental analysis accuracy, detection limits, and coating thickness calibration as per OEM standards. • AERB approval on low radiation safety.	
4	Inspection	☐ The successful bidder/supplier shall provide a functional demonstration of the Handheld XRF Analyzer to NIOT staff after delivery. ☐ The equipment shall be tested for PMI performance and coating thickness measurement capability as per OEM specifications, and if it does not meet or satisfy the requirements of the tender, the analyzer shall be rejected	

1. PRICE VALIDITY:

Quote validity should be provided minimum for 90 Days.

2. WARRANTY:

Warranty should be provided for 12 Months from the date of acceptance of the items at NIOT.

3. DELIVERY PERIOD:

The Items shall be delivered within 4-6 Weeks from the date of receipt of order.

4. PAYMENT:

90% payment will be made after the supply and acceptance of the materials. Remaining 10% will be paid after the completion of warranty period.

5. TEST CERTIFICATES:

Certificates should confirm elemental analysis accuracy, detection limits, and coating thickness calibration as per OEM standards.

AERB approval on low radiation safety.

ANNEXURE

Format for self Certification under preference to make in India order

Certificate

In line with Government Public Procurement Order No.P-45021/2/2017-BE-II dt.15.06.2017 & P-45021/2/2017-PP (BE-II) dated 28.05.2018, 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 Enquiry 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 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.

Seal and Signature of Supplier

SPECIMEN COPY (to be given in your Letter Head)
WARRANTY CERTIFICATE

The contractor / seller
Address
.....hereby declares that the goods/stores/articles,
namelysold 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 / orderhereof 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 of2022 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.