



NATIONAL INSTITUTE OF
OCEAN TECHNOLOGY

NOTICE INVITING TENDER (NIT)

Form No.

NIOT/S&P/NIT



Tender No.		NIOT/S&P/S&GH/100152/2024-25
Issued To		HMPE 12 Strand synthetic rope for emergency rescue buoy system
Tender Mode		GeM (Custom Bid) – Single Bid
Tender Issue date		16.07.2024
Tender Closing Date and Time		08.08.2024 at 3.00 PM
Tender Opening Date and Time		08.08.2024 at 3.30 PM
Send your queries to the email IDs	Up to Tender finalizations	gopalakrishnaa.niot@gov.in vaidehi.niot@gov.in purchase@niot.res.in

**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 120 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%.			
	Only Class I and II categories of vendors are eligible to quote.			
8	Whether self certification form is enclosed (For Class I & Class II supplier only)?			
9	Whether price is FOR 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?			
	a) Whether warranty period accepted as per tender?			
12	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 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	Whether your firm is registered under MSME/ NSIC/DIC/UAM? If yes enclose copy of registration			

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:

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:

HMPE 12 Strand Synthetic rope for emergency rescue buoy system:

S.No.	Description	Qty	Unit	Unit rate	Amount
1.	HMPE 12 strand, 12 mm rope	1500	Metres		
2.	Packing and forwarding charges, if any	Lumpsum			
3.	Transportation charges, if any	Lumpsum			
4.	Any other charges (Details to be indicated)	Lumpsum			
5.	GST in %	%			
Total Amount					
(Amount in words.)

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 **30 days** from the date of receipt of order.
4. 100% payment shall be made after supply and acceptance of the materials.
5. Part Supply: Not allowed. All the items should be delivered in single lot within the stipulated time.
- 6. Delivery Site:** National Institute of Ocean Technology, Pallikaranai, Chennai – 600100, India.

7. **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 "HMPE 12 Strand Synthetic rope for emergency rescue buoy system"

S. No	Specification	Description	Compliance Yes/No
1	Nominal diameter	12 mm	
2	Specific gravity	~0.98	
3	Coefficient of friction	0.09-0.12	
4	Elongation at break	3%-4%	
5	Fiber water absorption	0%	
6	Approximate weight	~9.5 kg/100 m	
7	Minimum Tensile Strength Spliced Rope	>14 tonnes	
8	Minimum Tensile Strength ISO unspliced Rope	>15 tonnes	
9	Application	Subsea Lifting weights	
10	Third party approval	DNV type approved	
11	Coil Length	750m – 2 nos.	
12	Certificate	Load test certificate with DNV type approval to be provided along with the product	

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

Technical Specification and Special Conditions of Contract (SCC)

For

Procurement of Plasma 12 Strand synthetic rope for emergency rescue buoy system

Contents

<u>1</u>	<u>Introduction</u>	<u>3</u>
<u>2</u>	<u>Scope of Supply</u>	<u>4</u>
<u>3</u>	<u>Technical Requirement</u>	<u>4</u>
<u>4</u>	<u>Deliverables</u>	<u>4</u>
<u>5</u>	<u>Conditions for supply</u>	<u>4</u>
<u>6</u>	<u>Delivery period</u>	<u>5</u>
<u>7</u>	<u>Delivery Site</u>	<u>5</u>

1. Introduction

National Institute of Ocean Technology (NIOT) is an autonomous institute under the Ministry of Earth Sciences (MoES), Government of India, Chennai. The institute is involved in developing and promoting technology for ocean energy, resource exploration from deep oceans, ocean observation, and oceanographic applications.

Following are some of the technologies developed and commissioned by NIOT during the past twenty-five years.

- a) Work class remotely operated vehicle (ROSUB 6000) for 6000 m water depth.
- b) In-situ soil tester rated for 6000 m water depth.
- c) Crawler-based sea bed mining system for 300 m depth rating.
- d) Low-temperature thermal desalination (LTTD) plant for islands and demonstration of 1 MLD barge-mounted LTTD plant.
- e) Ocean data buoys and tsunami warning system for Indian waters.
- f) Drifters and ARGO profiling floats.
- g) Acoustic tide gauges in major ports of India and neighboring countries.
- h) Coastal protection measures and coastal zone management.
- i) Marine biotechnology related activities.
- j) NIOT / MoES have state-of-the-art ocean research vessels (ORV) for its research explorations and surveys namely ORV Sagar Nidhi, ORV Sagar Kanya, and a few more.
- k) NIOT has a hyperbaric chamber capable of testing subsea systems up to a hydrostatic pressure of 900 bar and many more testing laboratories.

Currently NIOT is developing a manned submersible for scientific application and research purpose.

For further information refer to the website www.niot.res.in

2. Scope of Work

The scope of work under this tender covers the supply of 12mm /12str / 750 meter Plasma HMPE rope with SS thimble at both ends for emergency rescue system. The rope supplied should be a DNV approved product.

3. Technical requirement

1. Technical Specifications of rope is mentioned in table 1.
2. The list of requirement is illustrated in Table 2.

Table1. Technical Specification of rope

S.No.	Description	Specification
12mm /12strand / 750 meter Plasma HMPE Rope with SS thimble at both ends		
1	Nominal diameter	12 mm
2	Specific gravity	~0.98
3	Coefficient of friction	0.09-0.12
4	Elongation at break	3%-4%
5	Fiber water absorption	0%
6	Approximate weight	~9.5 kg/100 m
7	Minimum Tensile Strength Spliced Rope	>14 tonnes
8	Minimum Tensile Strength ISO unspliced Rope	>15 tonnes
9	Application	Subsea Lifting weights
10	Third party approval	DNV type approved
11	Coil Length	750m – 2 nos.

Table 2 List of Requirements

<u>S.No.</u>	<u>Item Description</u>	<u>Qty</u>
<u>1</u>	<u>DNV approved 12mm /12strand / 750 meter Plasma HMPE Rope with SS thimble at both ends.</u>	<u>2 Nos.</u>

4. Deliverables

- 12mm /12strand / 750 meter Plasma HMPE Rope with SS Thimble at both ends - 2 Nos.
- Load test certificate - specific to the proposed supply of ropes

5. Condition for supply

- Part supply not allowed; entire requirement need to be delivered in a single stage.
- Product supplied should be a DNV type approved product.

6. Delivery period

- 30 days from the issue of Purchase Order.

7. Delivery site

- National Institute of Ocean Technology, Pallikaranai, Chennai, India.