
	NATIONAL INSTITUTE OF OCEAN TECHNOLOGY	NOTICE INVITING TENDER (NIT)		
		Form No.	NIOT/S&P/NIT	
निविदा संख्या/ Tender No.	NIOT/S&P/S&GH/100132/2023-24			
कोजारी Issued To	Through Hole Donut / washer load cell with compatible Data Acquisition System and Cables			
निविदाप्रणाली/Tender Mode	GeM (BOQ Bid)- Single Tender Single Bid			
निविदाजारी Tender Issue	M/s. Welan Technologies * (ONLY THE SPECIFIED BIDDER IS ALLOWED TO BID. THE OTHER BIDS SHALL BE TECHNICALLY NOT ACCEPTED) 09.02.2024			
Tender Closing Date and Time	19.02.2024 at 3.00 PM			
Tender Opening Date and Time	19.02.2024 at 3.30 PM			
बोली का प्रकार एवं निविदा प्रस्तुतिकरण Bidding Type & Tender submission	Single Part Tender of Technical Bid and Price Bid should be submitted electronically through GeM portal https://gem.gov.in			
निविदा 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.			
Send your queries to the email IDs	Up to Tender finalizations	gopalakrishnaa.niot@gov.in vaidehi.niot@gov.in purchase@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://www.niot.res.in/tenders_index.php				

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 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%.			
	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:**Through Hole Donut / washer load cell with compatible Data Acquisition System and Cables:**

S.No.	Description	Qty	Unit	Unit rate	Amount
1.	Donut Load Cell	8	Numbers		
2.	USB Data Acquisition system for DONUT load cell	1	Number		
3.	Interface cable assembly	8	Numbers		
4.	Packing and forwarding charges, if any	Lumpsum			
5.	Transportation charges, if any	Lumpsum			
6.	Any other charges (Details to be indicated)	Lumpsum			
7.	GST in %	%			
Total Amount					
(Amount in words.)

Bidder should ensure the total price (Inclusive GST) arrived above should match with the GeM "Offer Price total" showing before "encrypt and save button"

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 should be submitted along with quotation/offer.

3. The above item to be delivered within **6 weeks** from the date of receipt of order.
4. All the supplies to be warranted for **12 months** from the date of supply and acceptance. Warranty certificate should be provided as per the prescribed format of NIOT.
5. **Payment: 100%** Payment will be made after supply and acceptance of the materials.
6. **Part Supply:** Not allowed. All the items should be delivered in a 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 Sheet for "Through Hole Donut / washer load cell with compatible Data Acquisition System and Cables"

S.No.	Specification Description	NIOT Requirement	Remarks(Yes/No)
1	Donut load cell-Make:	FUTEK	
2.	Donut load cell-Model No:	LTH 350 - FSH04864	
3.	Bolt size	3/8"	
4.	Target preload	5000 lbf	
5.	Expected range of the product	5000 lbf (+1000 lbf and -0 lbf)	
6.	Height of the donut load cell	0.5 inch	
7.	Nonlinearity	±0.5% of Residual Output	
8.	Hysteresis	±0.5% of Residual Output	
9.	Non repeatability	±0.5% of Residual Output	
10.	Rated Output	2 mV/V (5000 lb)	
11.	Excitation (VDC)	less than or equal to 18	
12.	Bridge Resistance	700 Ohm nom	
13.	Insulation Resistance	greater than or equal to 500 MOhm @ 50 VDC	
14.	Connection	4 Position Micro Receptacle	
15.	Weight (approximate)	less than or equal to 100 g	
16.	Safe Overload	150% of RO	
17.	Deflection	0.002 in [0.05 mm] nom	
18.	Material	17-4 PH stainless-steel	
19.	IP Rating	IP67	
20.	Operating temperature	0 to 85°C	

21.	EMI/EMC Standards	EN55011; EN61326-1	
22.	USB data acquisition system for DONUT load cell-Make:	DEWESoft	
23.	USB data acquisition system for DONUT load cell-Model No:	DEWE-43A	
24.	No. of channels	8	
25.	Inputs	Voltage, full bridge	
26.	Resolution	24-bit, sigma-delta with anti-aliasing filter	
27.	Sampling rate	Simultaneous 200 kS/sec	
28.	Bridge Excitation voltage	$\pm 5 \text{ V} \pm 0.1 \%$, 70 mA limit	
29.	Voltage Range	$\pm 10\text{V}$, $\pm 1\text{V}$, $\pm 100\text{mV}$, $\pm 10\text{mV}$	
30.	Voltage Accuracy	Accuracy 0.05 % of value + 1 mV	
31.	CMRR @ 50Hz/400Hz/1kHz and Noise floor for $\pm 10\text{V}$	85 dB / 92 dB / 89 dB and 107 dB	
32.	Over voltage protection	$\pm 70 \text{ V}$	
33.	Data Interface	USB	
34.	Power supply	18 - 36 V DC	
35.	Galvanic isolation	ISO-POWER Isolated	
36.	Operating Temperature	0 to 50 deg C	
37.	IP rating	IP50	
38.	Shock & Vibration	IEC/EN 60068-2-6:2008, IEC/EN 60721-3-2, IEC/EN 60068-2-27:2009	
39.	Dimension (W x H x D)	less than or equal to 225 x 80 x 45 mm	
40.	Software	Software should be provided for data acquisition and analysis	
41.	OEM authorization certificate	OEM authorization certificate should be submitted	
42.	Interface cable assembly-Make:	FUTEK	

43.	Interface cable assembly- Model No:	Item No: ZCC200 - FSH04503	
44.	Length of each	= 4.5 m (approx)	
45.	IP rating	IP67	
46.	Material	PVC	
47.	Wiring Code	CC19	
48.	Shield	Braided Shielded	

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