



NATIONAL INSTITUTE OF
OCEAN TECHNOLOGY

NOTICE INVITING TENDER (NIT)

Form No.

NIOT/S&P/NIT



Tender No.		NIOT/S&P/S&GH/100171/2024-25
Issued To		Display Digital Notice Board
Tender Mode		GeM – Single Bid (Custom Bid Mode)
Tender Issue date		04.02.2025
Tender Closing Date and Time		27.02.2025 at 3.00 PM
Tender Opening Date and Time		27.02.2025 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 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 price is FOR NIOT, Chennai?			
7.	Whether the freight cost is included, if not included whether the freight cost is indicated separately?			
8.	Whether the authorization letter exclusively for this tender, from the original manufacturer is enclosed?			
9.	a) Whether warranty period accepted as per tender?			
10	b) Whether submission of warranty certificate in the prescribed format is acceptable?			
11	Whether the delivery period is clearly indicated, and is as per tender?			
	Whether the cost of installation / inspection / testing explicitly mentioned in the quote?			
12	Whether Past track record of quality and service is enclosed?			
13	Whether submission of PS is acceptable if the value exceeds Rs. 25,00,000/-			
14	Whether submission of PBG is acceptable if the value exceeds Rs. 25,00,000/-			
15	Whether list of deliverables attached and comply as per tender?			
16	Whether liquidated damage clause is acceptable in case of delayed supply?			
17	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?			
18	Whether item-wise price is quoted as per price bid and quoted price is realistic?			
19	Whether technical specification has been duly filled in and submitted with the tender document is uploaded along with the quotation.			
20	Whether HSN code of the product has been indicated?			
21	Whether your firm is registered under MSME/ NSIC/DIC/UAM? If yes enclose copy of registration			

PRICE BID FORMAT:
Display Digital Notice Board

S.No	Description	Quantity	Unit	Unit rate	Amount
1.	Display Digital Notice Board	2	Numbers		
Total Amount					
(Amount in words. _____)					

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

For Supply and Service

1. GST shall be paid as applicable

2. **Deduction of Indian Income Tax Deduction at Source:**

Deductible 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. 100% Payment will be made after supply and acceptance of the material.
4. The item should be supplied within **4 weeks** from the date of receipt of order.
5. Warranty certificate should be provided for **12 months** from the date of supply and acceptance. Warranty certificate should be provided as per the prescribed format of NIOT.
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

Signature with Seal

Technical specification Compliance sheet for "Display Digital Notice Board"

TABLE 1 SPECIFICATION OF DISPLAY DIGITAL NOTICE BOARD

S. No.	Item	Parameters			Yes / No	Remarks
1.	LCD Size	54.64"		Display		
2.	Resolution	3840 x2160 (RGB)				
3.	Brightness	350cd/m2(typ.)				
4.	Contrast Ratio	1300:1(typ.)				
5.	Response Time	9ms(typ.)				
6.	Pixel Pitch(mm)	0.420(H) x0.315(V)				
7.	Refreshing Frequency	60 Hz				
8.	Viewing Angle	178°(H) / 178°(V)				
9.	Life Time	30,000 hrs(min.)				
10.	View Area(mm)	1209.6(H) x680.4(V)				
11.	Chipset	MSD8386			Electrical	
12.	CPU	Architecture	ARM A73+A53			
13.	CPU	Working Frequency	1.5GHz			
14.	CPU	Core	Quad Core			
15.	GPU	MaliG51				
16.	RAM	2GB DDR				
17.	ROM	16GB				
18.	OS	Android 8.0				
19.	Power Requirements	AC 100 V ~ 240 V, 50/60 Hz				
20.	Audio Output Power	2x5W/8Ω				
21.	HDMI IN (1 No.)	Version: HDMI2.0 Up to 3840x2160@60Hz		Interface		
22.	DP IN (1 No.)	Version: DP1.2 Up to 3840x2160@60Hz				
23.	VGA IN (1 No.)	Interface: DB15 Up to 1920x1080@60Hz				
24.	DVI-D IN (1 No.)	Interface: DVI-D Up to 1920x1080@60Hz				
25.	BNC IN (1 No.)	Input Impedance:75Ω Video System: PAL,NTSC,SECAM Interface: BNC				
26.	USB (2 Nos.)	Version: USB2.0 Interface: Type-A				
27.	Audio IN (1 No.)	Level: 0.2-2Vrms Φ3.5mm mini interface				
28.	Audio OUT (1 No.)	(L/R) Output level :0.2- 2Vrms Φ3.5mm mini interface				
29.	SPDIF (1 No.)	Max				

		speed: 16Mbps(Optical)		
30.	LAN (1 No.)	100Mbps Base-T, Interface: RJ45		
31.	RS232 IN (1 No.)	Interface: DB9		

TABLE 2 SPECIFICATION FOR NANO SET UP BOX

S. No.	Parameters	Details	Yes / No	Remarks
32.	Memory Operating Memory	2 GB or higher		
33.	Operating system Pre-installed OS – PNP	Android 4.4 or higher		
34.	Battery	R2032		
35.	Storage / Cache	8GB caching		
36.	Network Internet connectivity	Ethernet / WiFi		
37.	LAN Hole	Standard RJ45 interface, can access network line cable to realize the wired internet function.		
38.	Screen resolution via single or multi HDMI	1920x1080 x 1 Adjustable Resolution		
39.	Total USB Ports external	1 USB hub		
40.	USB Host	2.4 GHZ and USB devices		
41.	Power supply interface	DC +5V		
42.	AV Output Interface	AV OUT, through the interface , output the AV to the TV or monitor screen by AV line (1 to 3 or 3 to 1)		
43.	Signage Controller	Yes		
44.	Plug and Play connect and play	Yes		
45.	Audio/Video Output	HDMI		
46.	Real time clock	Inbuilt		

TABLE 3 ENVIRONMENT CONDITION

S. No.	Description	Values	Yes / No	Remarks
47.	Storage humidity	10% ~ 90% RH Non-Condensing		
	Operating humidity	20% ~ 85% RH Non-Condensing		
	Storage temperature	-10°C ~ +60°C		
	Operating temperature	0 ~ + 40°C		
	Operating altitude	≤ 5000 m		
	The longest service time	24 Hours×7 days		

TABLE 4 ACCESSORIES (For one set)

S. No.	Item	Quantity	Yes / No	Remarks
48.	Remote Control	1		
	3 m Power Cord	1		
	Qualified Certificate Label	1		
	Instruction	1		
	Warranty Card	1		
	Wall Mount	1		

TABLE 5 ITEM DELIVERABLES

S. No.	Items	Quantity	Yes / No	Remarks
1.	LCD Screen	2 Nos.		
2.	Nano Set up box set	2 Nos.		
3.	3 m Power Cord for Screen	2 Nos.		
4.	Power Cord for Set up Box	2 Nos.		
5.	Data Cord from Set up Box to Screen	2 Nos.		
6.	Remote Control	2 Nos.		
7.	Wall Mount Fixtures	2 Nos.		

- User training should be given after installation

TABLE 6 DOCUMENTS DELIVERABLES

S. No.	Description	Yes / No	Remarks
1.	Qualified Certificate Label		
2.	Instruction Manual for individual set		
3.	Warranty Card for individual set		

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

Date:

Signature of supplier

Place:

Stamp

+MANDATORY DOCUMENTS:

1. GST Registration Certificate
2. PAN details
3. Cancelled cheque Leaf / Bank details
4. Vendors Address and Contact details
5. Copy of NIT documents affixing company seal and signed in all the pages.
6. Duly filled commercial compliance sheet
7. Any other documents sought in the NIT
8. Valid Authorisation Letter from OEM
9. MSME Certificate, if any

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

Company's Signature with Seal