

भारतीय राष्ट्रीय महासागर सूचना सेवा केंद्र
पृथ्वी विज्ञान मंत्रालय, भारत सरकार
“ओशियन वैली”, प्रगति नगर (बी. ओ), निज़ामपेट (एस. ओ), हैदराबाद – 500 090
दूरभाष सं. 040-2388 6002 / 23886074 फैक्स : 040-2389 2910 / 2389 5001
INDIAN NATIONAL CENTRE FOR OCEAN INFORMATION SERVICES
Ministry of Earth Sciences, Government of India
“Ocean Valley”, Pragathi Nagar (BO), Nizampet (SO), Hyderabad - 500 090
Phone No.040-2388 6002/23886074 Fax: 040-2389 2910/2389 5001

इंकोईस:क्रय: 78/2025
Ref. INCOIS: PUR: 78/2025

दिनांक: 01. 09.2026
Date: 01. 09. 2026

टेंडर आमंत्रित करने से पहले की सूचना (प्री-एनआईटी) - बाज़ार परामर्श

Pre-Notice Inviting Tender (Pre-NIT) Market Consultation

भारतीय राष्ट्रीय महासागर सूचना सेवा केंद्र, हैदराबाद भारत सरकार के पृथ्वी विज्ञान मंत्रालय के अंतर्गत एक स्वायत्त निकाय है।

Indian National Centre for Ocean Information Services (INCOIS), Hyderabad is an autonomous body under Ministry of Earth Sciences, Government of India.

निम्न विवरणों के लिए पंजीकृत विक्रेताओं से निविदाओं/बोलियों को आमंत्रित किया जाता है। जीईएम की एक अधिप्राप्ति होने के नाते बोलियों को केवल सरकारी ई बाज़ार (जीईएम) <http://gem.gov.in/> द्वारा ऑनलाइन से ही जमा किया जाए। एनआईटी का संक्षिप्त विवरण नीचे दिया जा रहा है।

Pre-Notice Inviting Tender (Pre-NIT) Market Consultation is invited from registered vendors of GeM for the following items. Being a GeM procurement, the bids has to be submitted online through **Government E- Market Place (GeM)** <http://gem.gov.in/> only. The brief details of NIT are appended below.

क्र. सं. S I. No	कार्य का नाम Name of the Work	बोली संदर्भ सं. Bid Reference No.	बोली संख्या एवं दिनांक Bid Number and Date	बोली समाप्ति की तारीख और समय Bid end date and Time
(1)	INCOIS में समुद्र विज्ञान के प्रचार-प्रसार के लिए एक ह्यूमनॉइड रोबोट की आपूर्ति और कमीशनिंग, “Supply and Commissioning of a Humanoid Robot for Oceanography Outreach at INCOIS”.	इंकोईस:क्रय: 78/2025 INCOIS: PUR: 78/2025	जीईएम/2026/बी/7983220 दिनांक: 01.09.2026 GEM/2026/B/7983220 dated 01.09.2026	22.09.2026 17:00:00

चूंकि यह GeM के ज़रिए की जाने वाली खरीद है, इसलिए NIT को GeM पोर्टल (<http://gem.gov.in>) पर 'Bids/RAs' कॉलम के तहत ऑनलाइन जमा करना होगा। किसी भी तरह की मदद के लिए, कृपया GeM पोर्टल की हेल्पलाइन से संपर्क करें। आप इन अधिकारियों से भी संपर्क कर सकते हैं: श्री वी. सुब्रह्मण्यम (फ़ोन नंबर 040 2388 6022) / श्री दसारी प्रसाद (फ़ोन नंबर 040-2388 6082)।

Being a GeM procurement, the NIT has to be submitted online through the GeM portal i.e., <http://gem.gov.in> under the Bids/RAs column. For any assistance, please contact help line of GeM portal. The following officials may also be contacted: Mr. V. Subrahmanyam (Phone No. 040 2388 6022)/Mr. Dasari Prasad (Phone No. 040-2388 6082)




(V. Subrahmanyam)
प्रशासनिक अधिकारी (क्रय)/ Administrative Officer (Purchase)
निविदा आमंत्रण प्राधिकारी, इंकोईस/
Tender Inviting Authority, INCOIS

बिड दस्तावेज़ / Bid Document

बिड विवरण / Bid Details	
बिड बंद होने की तारीख/समय / Bid End Date/Time	22-09-2026 17:00:00
बिड खुलने की तारीख/समय / Bid Opening Date/Time	22-09-2026 17:30:00
बिड पेशकश वैधता (बंद होने की तारीख से) / Bid Offer Validity (From End Date)	90 (Days)
मंत्रालय/राज्य का नाम / Ministry/State Name	Ministry Of Earth Sciences
विभाग का नाम / Department Name	Department Of Earth Sciences
संगठन का नाम / Organisation Name	Earth Sciences Secretariate
कार्यालय का नाम / Office Name	Indian National Centre For Ocean Information Servi
शिकायत निवारण के संपर्क विवरण / Contact details of Grievance redressal	HOD Email id : bala@incois.gov.in Buyer Email id: dasariprasad@incois.gov.in
कुल मात्रा / Total Quantity	1
वस्तु श्रेणी / Item Category	Pre NIT and Market Consultation for Supply and Commissioning of Humanoid Robot
GeMARPTS में खोजी गई स्ट्रिंग्स / Searched Strings used in GeMARPTS	Supply & commissioning of Humanoid Robot
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	Management and Supply of ATM, Supply, Installation and Commissioning of Liquid Medical Oxygen (LMO) Storage Tank and Supply of Liquid Medical Oxygen (LMO), Design, Supply, Installation, Commissioning and Maintenance of Grid Connected Ground Mounted Solar Power Plant Service, Design, Supply, Installation, Commissioning and Maintenance of Grid Connected Roof Top Solar Power Plant Service, Hiring of Water Tanker Service, Supply of Packaged Water Bottle, Hiring of Vehicle Tracking Services, Supply of Liquid Medical Oxygen (LMO), Operation And Maintenance Of Water Supply Systems, Decorative/ Ornamental Plant Service- Daily Rental Model
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	- Advanced Robotics - Mobile Robots - TERA Package 1 - Robotics and Electro - Mechanical Components (ASoSE)
टर्नओवर के लिए एमएसई को छूट प्राप्त है / MSE Relaxation for Turnover	Yes Complete
टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है / Startup Relaxation for Turnover	Yes Complete

बिड विवरण/Bid Details

विक्रेता से मांगे गए दस्तावेज़/Document required from seller	Additional Doc 1 (Requested in ATC), Additional Doc 2 (Requested in ATC), Additional Doc 3 (Requested in ATC), Additional Doc 4 (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेज़ों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ में है/Do you want to show documents uploaded by bidders to all bidders participated in bid?	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension	1
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	7
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	1
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	No
बिड का प्रकार/Type of Bid	Single Packet Bid
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	4 Days
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

ईएमडी विवरण/EMD Detail

आवश्यकता/Required	No
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ईपीबीजी विवरण /ePBG Detail

आवश्यकता/Required	No
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बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

एमआईआई खरीद वरीयता / MII Purchase Preference

एमआईआई खरीद वरीयता / MII Purchase Preference	Yes
मेक इन इंडिया विक्रेताओं को खरीद में प्राथमिकता, यदि उनका मूल्य $L1+X\%$ तक की सीमा में है / Purchase Preference to MII sellers available upto price within $L1+X\%$	20
मेक इन इंडिया खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MII purchase preference	50
सार्वजनिक खरीद (मेक-इन-इंडिया को प्राथमिकता) आदेश 2017 के अनुसार केवल क्लास 1/क्लास 2 के स्थानीय आपूर्तिकर्ताओं को ही भागीदारी की अनुमति है दिनांक 16.09.2020 (समय-समय पर संशोधित एवं लागू) / Allow participation only from Class 1/Class 2 local suppliers as per the Public procurement(Preference to Make-in-india) order 2017 date 16.09.2020(as amended and applicable time to time)	Yes, in compliance with the MII ORDER : DPIIT Order(as amended and applicable time to time)

एमएसई खरीद वरीयता/MSE Purchase Preference

एमएसई खरीद वरीयता/MSE Purchase Preference	Yes
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माताओं/सेवा प्रदाता को खरीद में प्राथमिकता, यदि उनका मूल्य $L1+X\%$ / Purchase Preference to MSE OEMs/ Service Provider available upto price within $L1+X\%$	15
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माता/सेवा प्रदाता को खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Percentage of Bid quantity/amount for MSE OEMs/ Service Provider Purchase preference	25

1. If the bidder is a Micro or Small Enterprise (MSE) as per latest orders issued by Ministry of MSME, the bidder shall be relaxed from the eligibility criteria of "Bidder Turnover" as defined above subject to meeting of quality and technical specifications. If the bidder itself is MSE OEM of the offered products, it would be relaxed from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Turnover, shall upload the supporting documents to prove his eligibility for Relaxation.
2. If the bidder is a DPIIT registered Startup, the bidder shall be relaxed from the the eligibility criteria of "Bidder Turnover" as defined above subject to their meeting of quality and technical specifications. If the bidder is DPIIT Registered OEM of the offered products, it would be relaxed from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Turnover shall upload the supporting documents to prove his eligibility for Relaxation.
3. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the

Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.

OM No.1 4 2021 PPD dated 18.05.2023 for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017 and its subsequent Orders/Notifications issued by concerned Ministry .Benefits of MSE will be allowed only if seller/service provider is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

4. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs having valid Udyam Certificate and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service, and Buyer will decide eligibility for purchase preference based on documentary evidence submitted in case of product bids, whereas in case of services the eligibility is automatically validated. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No.1 4 2021 PPD dated 18.05.2023 for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

Pre Bid Detail(s)

मूल्य भिन्नता खंड दस्तावेज़/Pre-Bid Date and Time	प्री-बिड स्थान/Pre-Bid Venue
10-09-2026 11:00:00	A Pre-NIT Market Consultation and Pre-Bid Interaction will be held at INCOIS, Hyderabad to discuss, clarify, and understand the core scope of work, technical specifications, and service delivery frameworks from the Buyer's perspective. This exercise aims to gather market inputs to ensure fair competition, transparency, and a realistic estimation of project requirements before finalizing the Notice Inviting Tender (NIT)

Pre NIT And Market Consultation For Supply And Commissioning Of Humanoid Robot (1 Unit)

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

क्रेता विशिष्टि दस्तावेज़ /Buyer Specification Document	Download
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परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Reddipalli Velangini Giridhar	500090, Indian National Centre for Ocean Information Services (INCOIS), Ministry of Earth Sciences, Government of India, Ocean valley, Pragathi Nagar BO, Nizampet SO, Hyderabad - 50090 INDIA	1	16

Buyer added Bid Specific Additional Scope of Work

क्र.सं./S.N o.	Document Title	Description	रिवर्स प्रभार के अनुसार जीएसटी/Applicable i.r.o. Items
1	Pre NIT and Market Consultation for Supply and Commissioning of Humanoid Robot View	Pre NIT and Market Consultation only	Pre NIT And Market Consultation For Supply And Commissioning Of Humanoid Robot(1)

The uploaded document only contains Buyer specific Additional Scope of Work and / or Drawings for the bid items added with due approval of Buyer's competent authority. Buyer has certified that these additional scope and drawings are generalized and would not lead to any restrictive bidding.

क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/Buyer Added Bid Specific Terms and Conditions

1. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be $(\text{Increased quantity} \div \text{Original quantity}) \times \text{Original delivery period (in days)}$, subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

2. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

Pre-Notice Inviting Tender (Pre-NIT) Market Consultation

for

Supply & Commissioning of Humanoid Robot

IMPORTANT NOTE:

The outcome of this exercise of **Pre-NIT Notice Inviting Tender (NIT) Market Consultation** is only to support informed decision-making and enable INCOIS for refinement of technical requirements etc., prior to finalising independent and separate tendering process

Submission :

1. **Soft Copy:** Submit through GeM Portal and also e-mail to manyam@incois.gov.in
2. **Hard Copy:**

Submit in a sealed envelope to ensure compliance. The envelope **must** be superscribed with **"Pre-NIT Notice Inviting Tender (NIT) Market Consultation for supply and commissioning of Humanoid Robot for INCOIS"**

PS: In case of any difference/deviation between GeM version and hard copy version, the GeM version only will be considered for evaluation.

3. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)

अस्वीकरण/Disclaimer

The Additional Terms and Conditions (ATC) have been incorporated by the Buyer after approval of their Competent Authority. The Buyer is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any restriction arising in the bidding process due to these ATCs and including the modification of technical specifications and / or terms and conditions governing the bid. All representations / grievances pertaining to the ATC clauses shall be raised with the buyer organization directly and not with GeM. If any of the clause(s) is/are incorporated by the Buyer regarding the following, the bid & resultant contract shall be treated as null & void. Further, GeM reserves the right, at its sole discretion, to cancel the bid forthwith, without issuance of any prior notice or intimation :-

1. Publishing Custom / BOQ bids for items for which regular GeM categories are available (unless such Custom / BOQ item is bunched with the major regular product Category Item).
2. Mandating procurement of / from specific Brand / Make / Model / Manufacturer / Dealer except in case of Single Bid / Proprietary Article Certificate (PAC) Buying.
3. Inclusion of disqualification criteria related to suspension of seller / service provider, where such suspension period has already expired.
4. Mandating submission of documents (other than EMD and signed Integrity Pact - which can be submitted within 5 days of bid opening) in physical form as a pre-requisite to qualify bidders.
5. Publishing bids on GeM for procurement of works.
6. Procurement of Goods by creating a Service bid on GeM & vice-versa.
7. Seeking sample with bid or approval of samples during bid evaluation process. However, trial / sample, as the case may be, shall be permitted in cases where trial / sample are allowed as per approved and published procurement policy of the Buyers' controlling Ministry / Department / State / Public Sector Enterprises Headquarters. If there is any violation of trial / sample clause with regard to approved policy of the Buyers' Ministry / Department / State / Public Sector Enterprises Headquarters, then this is to be determined and redressed by the concerned Buyer Organisation only.
8. Seeking experience from specific organization / department / institute only or from foreign / export experience.
9. Creating bid for items from incorrect categories.
10. Reference of conditions published on any external site or reference to external documents/clauses.

11. Asking for any Tender fee / Bid Participation fee, as the case may be.
12. Buyer added ATC Clauses which are in contravention of clauses defined in bid detail section, including specifications, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by the applicable GeM GTC.
13. Any ATC clause in contravention with GeM GTC Clause 4 (xiii) (h) will be invalid. In case of multiple L1 bidders against a service bid, the buyer shall place the Contract by selection of a bidder amongst the L-1 bidders through a Random Algorithm executed by GeM system.
14. In a category based bid, adding additional items, through buyer added, additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogues or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

All GeM Sellers/Service Providers shall ensure full compliance with all applicable labour laws, including the provisions, rules, schemes and guidelines under the four Labour Codes i.e. the Code on Wages, 2019; the Industrial Relations Code, 2020; the Occupational Safety, Health and Working Conditions Code, 2020; and the Code on Social Security, 2020 as and when notified and brought into force by the Government of India.

For all provisions of the Labour Codes that are pending operationalisation through rules, schemes or notifications, the corresponding provisions of the pre-existing labour enactments (such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972, etc. and relevant State Rules) shall continue to remain applicable.

The Seller/ Service Providers shall, therefore, be responsible for ensuring compliance under:

- All notified and enforceable provisions of the new Labour Codes as mentioned hereinabove; and
- All operative provisions of the erstwhile Labour Laws until their complete substitution.

All obligations relating to wages, social security, safety, working conditions, industrial relations etc. and any other statutory requirements shall be strictly met by the Seller/ Service Provider. Any non-compliance shall constitute a breach of the contract and shall entitle the Buyer to take appropriate action in accordance with the contract and applicable law.

This Bid is governed by the General Terms and Conditions, conditions stipulated in Bid and Service Level Agreement specific to the Service, as the case may be, as provided in the Marketplace.

However, in case of Service, if any condition specified in General Terms and Conditions is contradicted by the conditions stipulated in Service Level Agreement specific to said Service, then it will over-ride the conditions in the General Terms and Conditions.

यह बिड सामान्य शर्तों के अंतर्गत भी शासित है /This Bid is also governed by the General Terms and Conditions

जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्यवाई का आधार होगा।/In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---धन्यवाद/Thank You---





Indian National Centre for Ocean Information Services (INCOIS)
Ministry of Earth Sciences (MoES)
Government of India
Pragathi Nagar
Hyderabad-500090
Telangana State, INDIA

Pre-Notice Inviting Tender (Pre-NIT) Market Consultation

Reference No: PUR: 78/2025 dated 01/09/2026

for

Supply & Commissioning of Humanoid Robot

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1. Project Overview and Objectives

Background and Purpose

The Indian National Centre for Ocean Information Services (INCOIS), an autonomous Institution under Ministry of Earth Sciences (MoES), Government of India, undertakes National-Level outreach and public awareness activities to disseminate knowledge on Ocean Science, Operational Service and their societal applications. As part of its efforts to strengthen interactive engagement with public during exhibitions, workshops and at the INCOIS Visitor Centre, INCOIS proposes deploying a Humanoid Robot capable of interactive communication, guided assistance and scientific demonstrations.

Accordingly, this document has been prepared to facilitate submission to assess the availability, technological maturity, feasibility, system architecture, cost drivers and implementation constraints of contemporary humanoid robotic systems.

IMPORTANT NOTE:

The outcome of this exercise of **Pre-NIT Notice Inviting Tender (NIT) Market Consultation** is only to support informed decision-making and enable INCOIS for refinement of technical requirements etc., prior to finalising independent and separate tendering process.

2. Scope of Work and Expected Outcomes

Primary Responsibilities:

1. Intended Deployment and Use-Cases at INCOIS

The Humanoid Robot is envisaged to be deployed at INCOIS premises, exhibitions, workshops, open-house events, and the Visitor Centre for the following purposes:

- Welcoming visitors and participants
- Providing information on INCOIS services and ocean science
- Guiding visitors to specific facilities or exhibits
- Conducting interactive demonstrations and presentations
- Enhancing overall visitor engagement and experience

2. Functional Expectations (Indicative)

The Humanoid Robot is expected to interact with visitors in a friendly, informative, and reliable manner. Indicative functional expectations include:

- Responding to visitor queries using pre-loaded and dynamically accessible content
- Supporting multilingual interaction, subject to feasibility
- Providing contextual explanations of nearby exhibits or digital posters
- Allowing dynamic content updates through software interfaces or APIs

Visitor interaction logic, including categorisation of visitors and corresponding response behaviour, should be clearly defined, configurable, realistic, and technically achievable, aligned with the current state of humanoid technologies.

3. Indicative Technical Areas for Market Feedback

3.1 *Physical and Mobility Characteristics*

- Humanoid form with head, upper body, arms, and legs
- Appropriate size and weight for indoor public interaction
- Autonomous navigation within designated areas

- Smooth and stable movement suitable for crowded public spaces
- Rechargeable power system capable of extended operation during visitor hours

3.2 Interaction and Cognitive Capabilities

- Speech recognition and speech synthesis
- Natural Language Processing (NLP) for handling visitor queries
- Gesture-based interaction (basic gestures such as waving or pointing)
- Configurable interaction behaviour and response profiles
- Knowledge base related to INCOIS services and ocean science
- Supported and preferred languages, along with indicative latency for recognition and response

3.3 Sensory and Perception Capabilities

- Vision systems for basic object detection and human presence detection
- Audio systems for clear voice interaction
- Environmental awareness for safe navigation
- Automatic return to docking/charging station, as applicable

3.4 Software, Data Integration, and Control

- User-friendly interface for configuration, monitoring, and control
- Support for dynamic content loading and updates
- Secure web connectivity
- Optional API-based integration with external data sources
- Data logging of interactions and system usage statistics

3.5 Processing Architecture

Vendors may indicate whether the proposed system is CPU-based, GPU-based, or hybrid, along with implications on performance, approximate cost, power consumption, and scalability. INCOIS reserves the right to refine processing requirements at subsequent stages.

3.6 Levels of Autonomy

- Levels of autonomy to be supported (semi-autonomous and/or fully autonomous operation)
- Degree of human intervention required during normal and exceptional operating conditions

3.7 Safety and Reliability Considerations

- Collision avoidance and controlled movement
- Emergency stop mechanism
- Safe operation suitable for children and general public environments

4. Information Requested from Industry Participants

Industry participants are requested to provide indicative inputs on:

- Company profile and experience in robotics
- Technical description of the humanoid system
- Processing and AI approach
- Deployment experience in public-facing environments
- Indicative cost range (non-binding)
- Support and maintenance model

Outcome

Inputs against bid will be evaluated by INCOIS. Based on the evaluation, the technical scope and requirements for the subsequent tender will be refined.

5. Eligibility and Qualification Criteria

This invitation is open to Indian entities including Companies (Private Ltd, PSUs, MSMEs, and Start-ups) Partnership firms, Trusts, and Societies with registered Offices in India.

S.N	Pre-qualification Criteria	Supporting Documentation
Legal Entity:		
1	Must be registered under the Companies Act 2013, Partnership Act 1932, LLP Act 2008, or relevant Trust/Society Acts.	Copy of Certificate of Incorporation, Registration, or Partnership Deed.
Financial Strength:		
2	Submission of audited annual accounts for the last three (03) consecutive financial years.	Format-3 certified and validated by a Chartered Accountant (CA).
Compliance:		
3	Applicant must not be blacklisted/debarred by any Central/State Govt, PSU, or Municipal Corporation.	Certificate signed by the Authorized Signatory.
Tax Registration:		
4	Possession of valid statutory tax identities.	Copies of PAN, TAN, and GST Registration Certificates.

Note: Start-ups recognized by the Department for Promotion of Industry and Internal Trade (DPIIT) will be granted waivers regarding specific qualification requirements.

6. Submission Process and Strategic Warnings

Critical Success Factor:

Applicants are cautioned that any submission found to be inconsistent with requirements, incomplete, or failing to adhere to prescribed formats **will be considered non-responsive** and liable to be ignored in the preliminary evaluation stage itself.

Submission :

1. **Soft Copy:** Submit through GeM Portal and also e-mail to manyam@incois.gov.in

2. **Hard Copy:**

Submit in a sealed envelope to ensure compliance. The envelope **must** be superscribed with ***"Pre-NIT Notice Inviting Tender (NIT) Market Consultation for supply and commissioning of Humanoid Robot for INCOIS"***

PS: In case of any difference/deviation between GeM version and hard copy version, the GeM version only will be considered for evaluation.

Address for submission of Hard copy:

Director

Indian National Centre for Ocean Information Services (INCOIS)
Ministry of Earth Sciences,
Pragathi Nagar (BO)
Nizampet (SO)
Hyderabad-500 090

Tender Submission Timelines:

End Date 22/09/2026 – 05.00 P.M

Opening Date 22/09/2026 – 05.30 P.M

Presentation The applicants may have to present their credentials in presence of a nominated Committee, date/time for which will be informed, after preliminary evaluation

7. Application Formats (Annexure I Checklist)

The following formats are mandatorily to be filled appropriately and submitted. Enclosures must correspond precisely to the specific serial numbers in the application form:

- **Format-1 (Applicant's):** Official cover letter on organization letterhead.
 - **Format-2 (Application Form):** Organizational details, areas of work, and contact points.
 - *Enclosure 1:* Copy of Certificate of Incorporation.
 - *Enclosure 2:* Copy of Article of Association (mapping to S.N No 3 of the form).
 - *Enclosure 3:* Undertaking regarding blacklisting status (mapping to S.N of the form).
 - **Format-3 (Financial Strength):** Verified net profit and turnover for the last three years certified by CA.
 - **Format-4 (Technical Compliance Statement):** Required technical compliance on organization letterhead.
 - **Format-5 (Declaration):** Attestation of information accuracy on organization letterhead.
-

8. Intellectual Property, Confidentiality, and Ethics

Legal Obligations:

Selected applicants are required to sign a **Non-Disclosure Agreement (NDA)** prior to the commencement of technical deliberations. A **Memorandum of Agreement (MoA)** must be executed within Three(3) months of INCOIS providing final terms.

Ethics:

INCOIS maintains a zero-tolerance policy regarding the **Penalty for Use of Undue Influence and Corrupt or Fraudulent Practices**. Breach of these undertakings will result in contract cancellation, recovery of losses, and potential prosecution under the Indian Penal Code 1860 or the Prevention of Corruption Act 1986.

9. Evaluations Process

- Part I is the primary selection phase. Only those who qualify in Part I will be taken forward to Part II for detailed technical deliberations. Failure to participate in Part I precludes any further engagement in this Project.

10. Terms and Conditions:

1. Information shared with the applicant cannot be shared with the third party unless agreed in writing by INCOIS.
2. Contract/Agreement: INCOIS will sign a MoA with the selected Applicant. The selected Applicant is required to comply with the terms and conditions which will be part of the MoA. INCOIS reserves the right to enter into the MoA with more than one applicant.
3. Right to Amend/Cancel
 - a) INCOIS reserves the right to amend the eligibility criteria, scope of supply, technical specifications etc.
 - b) INCOIS reserves the right to cancel the entire without assigning any reasons thereof.
4. Penalty for Use of Undue Influence

The applicant undertakes that he has not given, offered or promised to give, directly or indirectly, any gift, consideration, reward, commission, fees, brokerage or inducement to any person in service of INCOIS or otherwise in procuring the contract / agreement or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of the contract / agreement or any other contract / agreement with the Government of India for showing or forbearing to show favour or disfavour to any person in relation to the Contract/Agreement or any other contract/agreement with the Government of India. Any breach of the aforesaid undertaking by the applicant or anyone employed by him or acting on his behalf (whether with or without the knowledge of the applicant) or the commission of any offence by the applicant or anyone employed by him or acting on his behalf as defined in Chapter 9 of the Indian Penal Code, 1860 or the Prevention of Corruption Act 1986 or any other Act enacted for the prevention of corruption shall entitle INCOIS to cancel the contract / agreement and all or other contract /agreements with the applicant and recover from the applicant the amount of any loss arising from such cancellation.

A decision of INCOIS to the effect that a breach of the undertaking had been committed shall be final and binding on the applicant, giving or offering of any gift, bribe or inducement or any attempt at any such act behalf of the applicant towards any officer / employee of INCOIS or to any other person in a position to influence any officer / employee of INCOIS for showing any favor in relation to this or any other contract / agreement, shall render the applicant to such liability / penalty as INCOIS may deem proper, including but not limited to termination of the contract / agreement, imposition of penal damages, and refund of the amount paid by INCOIS.

5. Intellectual Property Rights (IPR)

INCOIS holds the Intellectual Property Rights (IPRs) pertaining to the R & D in these areas. INCOIS reserves the right to hold these IPRs with them. The use of these IPRs will be allowed only for the purpose stipulated in the agreement to be signed.

6. Corrupt or Fraudulent Practices

- a. *It is expected that the selected applicants have highest standards of ethics.*

- b. INCOIS will reject the application if it encounters that the applicant has engaged in corrupt or fraudulent practices.*

7. Confidentiality

The applicant / or their personnel shall not, either during the term or after expiration of agreement period under this, disclose any proprietary or confidential information relating to the services, contract or INCOIS's business or operations without the prior written consent of INCOIS. The applicant and / or their personnel shall not, either during the term or after expiration of this contract, undertake any public communication, press / media releases relating to the services, contract, or INCOIS's business or operations without the written consent of INCOIS. Information available on public domain is excluded from confidentiality clause. The eligible applicants will be required to sign a Non-Disclosure Agreement (NDA) with INCOIS towards the confidentiality requirements.

8. Interpretation of the Clauses in the document

In case of any ambiguity/dispute in the interpretation of any of the clauses in the document, the interpretation of the clauses by Director, INCOIS Hyderabad shall be final and binding on all parties.

9. Any bidder from a country which shares a land border with India shall be eligible to bid in this tender only if the bidder is registered with the Competent Authority, i.e., the Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT), in terms of Department of Expenditure O.M. No. F.7/10/2021-PPD dated 23.02.2023 read with O.M. F.No. 6/18/2019-PPD dated 23.07.2020 and the amendments thereto, to be eligible for the subsequent main tender. The bidder shall submit a certificate to this effect in the subsequent main Tender. If the certificate is found false, this would be ground for immediate termination and further legal action in accordance with law.
10. Relaxation of prior turnover and experience criteria waiver to **Micro and Small Enterprises (MSEs)** and **DPIIT-recognized Start-ups** will be given in subsequent main Tender, provided they meet technical specifications.

FORMATS FOR SUBMISSION (FORMAT – I)

To

**The Director
INCOIS,
Hyderabad – 500 090**

Subject: **Supply and Commissioning of a Humanoid Robot for Oceanography Outreach at INCOIS**

Dear Sir,

In response to the published in the www.incois.gov.inportal for the above purpose, we would like to express interest for the same.

As instructed, we attach one set of the following documents in a sealed envelope and Soft copy through mail to: manyam@incois.gov.in

1. Application Form (Format - 2)
2. Financial strength of the Organization (Format - 3)
3. Declaration (Format - 4)

Yours faithfully,

Signature of the Authorized signatory (with date)

(full name)

(designation)
Stamp & Date

Encl.: As above.

Note

This is to be furnished on the letter head of the organization.

ORGANIZATIONAL DETAILS (FORMAT –II)

S N	Organizational Details	
1	Name of the organization / year of establishment	
2	Main areas of work	
3	Type of organization company / partnership firm registered under the Indian Companies Act, 1956 / the partnership Act, 1932 etc.	
4	Whether the Applicant has been blacklisted by any Central Govt. / State Govt. / PSU / Govt. Bodies / Autonomous / Anywhere else? If yes, details thereof.	
5	Address of registered office with telephone no. & e-mail	
6	Name of the Contact Person with Telephone No. Mobile No. Email Id.	
7	Organization Chart	- To be attached -
8	Registration copy with any Govt. / Govt. undertaking Companies (if any)	

Enclose:

1. Copy of Certificate of Incorporation
2. Copy of Article of Association in respect of #3 above.
3. Undertaking in respect of #4 above

Signature of the Applicant / Authorized Signatory

(Full name of the Applicant / Authorized Signatory)
Stamp & Date

FINANCIAL STRENGTH OF THE ORGANIZATION (FORMAT – III)

Sl. No.	Financial Year	Annual net profit (In Lakhs)	Overall annual turnover (In Lakhs)
1			
2			
3			

Note:

Please enclose auditor's certificate in support of your claim for last Three (3) years ending March 31, 2026

(Authorized Signatory)

Name: _____

Designation: _____

Date of Signature: _____

Stamp & Date _____

Technical Compliance Statement (FORMAT – IV)

S N	Description	Compliance Status (Yes/No)
1	Hardware Meets Specifications (Height, Weight, Battery, Safety	
2	Custom Oceanographic Knowledge base and demo scripts integrated	
3	Multilingual Capabilities (English, Hindi and Telugu)	
4	Minimum 95% uptime, rapid support SLA	
5	03 Years Warranty and Maintenance	
6	Demo Sample Prior work with science outreach Robot	
7	Experience Certification and reference Projects	

(Authorized Signatory)

Name: _____

Designation: _____

Date of Signature: _____

Stamp & Date _____

Note: The declaration is to be furnished on the letter head of the Organization