

भारतीय राष्ट्रीय महासागर सूचना सेवा केंद्र  
 पृथ्वी विज्ञान मंत्रालय, भारत सरकार  
 "ओशियन वैली", प्रगति नगर (बी. ओ), निजामपेट (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

इंकॉइस: क्रय: 28/2025  
 Ref. INCOIS: PUR: 28/2025

दिनांक: 30.12.2025  
 Date: 30.12.2025

सरकारी ई बाजार द्वारा निविदा सूचना आमंत्रण  
**Notice Inviting Tender through Government E Market Place (GeM)**

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 बाजार (जीईएम) <http://gem.gov.in/> द्वारा ऑनलाइन से ही जमा किया जाए। एनआईटी का संक्षिप्त विवरण नीचे दिया जा रहा है।

Tenders/Bids are 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. Sl. 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)	इंकॉइस हैदराबाद में एक्सेसरीज और एक साल की स्टैंडर्ड वारंटी के साथ 10 न स्टेबिलाइज्ड एक्सीलेरोमीटर-आधारित प्लेटफॉर्म वेव मॉनिटरिंग अलोग नियरशोर (WAMAN) बॉय सिस्टम की सप्लाई।  "Supply of 10 Nos stabilized accelerometer-based platform Wave Monitoring along Nearshore (WAMAN) Buoy system with accessories and one-year standard warranty at INCOIS, Hyderabad.."	इंकॉइस: क्रय: 28/2025 INCOIS: PUR: 28/2025	जीईएम/2025/बी/7056383 दिनांक: 30.12.2025 GEM/2025/B/7056383 dated 30.12.2025	20.01.2026 17:00:00

जीईएम की एक अधिप्राप्ति होने के नाते बोलियों को केवल जीईएम पोर्टल अर्थात बोली/आरए के खाने के अंतर्गत <http://gem.gov.in/> द्वारा ऑनलाइन से ही जमा किया जाए। किसी भी प्रकार की सहायता के लिए कृपया जीईएम पोर्टल की हेल्प लाइन से संपर्क करें। निम्न अधिकारियों से भी संपर्क किया जा सकता है: श्री वी सुब्रह्मण्यम (ईमेल: [manyam@incois.gov.in](mailto:manyam@incois.gov.in); दूरभाष सं. 040 2388 6022) / श्री श्री दसारी प्रसाद (ईमेल: [dasariprasad@incois.gov.in](mailto:dasariprasad@incois.gov.in) दूरभाष सं 040-2388 6082)

Being a GeM procurement, the bid 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 (email: [manyam@incois.gov.in](mailto:manyam@incois.gov.in); Phone No. 040 2388 6022) / Mr. Dasari Prasad (email: [dasariprasad@incois.gov.in](mailto:dasariprasad@incois.gov.in) Phone No. 040-2388 6082).



  
 (V. Subrahmanyam)

(प्रशासनिक अधिकारी (क्रय) / Administrative Officer (Purchase)

निविदा आमंत्रण प्राधिकारी, इंकॉइस/  
 Tender Inviting Authority, INCOIS

नोडल अधिकारी / Nodal Officer

एनआईटी / NIT GEM/2025/B/7056383

ई प्रक्रिया क्रमांक 30.12.2025

## विड दस्तावेज / Bid Document

विड विवरण/Bid Details	
विड बंद होने की तारीख/समय /Bid End Date/Time	20-01-2026 17:00:00
विड खुलने की तारीख/समय /Bid Opening Date/Time	20-01-2026 17:30:00
विड 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
कुल मात्रा/Total Quantity	14
वस्तु श्रेणी /Item Category	WAMAN 1 , Any other Charges 2 , Any other Charges 3 , Any other Charges 4 , Any other Charges 5
GeMARPTS में खोजी गई स्ट्रिंग्स / Searched Strings used in GeMARPTS	Accelerometer based platform for wave monitoring along nearshore, wave monitoring along nearshore
GeMARPTS में खोज गया परिणाम / Searched Result generated in GeMARPTS	<p><b>Searched String:</b> Accelerometer based platform for wave monitoring along nearshore</p> <p>Category not available on GeM for the text string uploaded by the buyer</p> <p><b>Searched String:</b> wave monitoring along nearshore</p> <p>Category not available on GeM for the text string uploaded by the buyer</p>
अपिसूचना के लिए चयनित प्रासांगिक श्रेणियाँ / Relevant Categories selected for notification	<ul style="list-style-type: none"> <li>Out Board Motor for Rescue Boats (Marine propellers)</li> <li>LIFE-BUOY (V3) Conforming to IS 5326</li> </ul>
बीओक्यू शीर्षक /BOQ Title	Supply of WAMAN Buoy System
विडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का) /Minimum Average Annual Turnover of the bidder (For 3 Years)	900 Lakh (s)
अन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष/Years of Past Experience Required for same/similar service	3 Year (s)
टर्नओवर के लिए एमएसई को छूट प्राप्त है / MSE Relaxation for Turnover	Yes   Complete

बिड विवरण/Bid Details	
टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है / Startup Relaxation for Turnover	Yes   Complete
विक्रेता से मांगे गए दस्तावेज़/Document required from seller	Experience Criteria,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,Additional Doc 1 (Requested in ATC),Compliance of BoQ specification and supporting document *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 निविदाकरां द्वारा अपलोड किए गए दस्तावेज़ों को निविदा में आगे लेने वाले सभी निविदाकरां को दिखाना चाहते हैं? संदर्भ मेनू 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 जाना है? / Bid to RA enabled	No
बिड का प्रकार/Type of Bid	Two Packet Bid
प्राथमिक उत्पाद श्रेणी/Primary product category	WAMAN 1
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमति समय /Time allowed for Technical Clarifications during technical evaluation	13 Days
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राथिकरण /जेम के साथ पूर्ण पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
वित्तीय दस्तावेज की आवश्यकता है / Financial Document Required	Yes
मध्यस्थिता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

#### ईएमडी विवरण/EMD Detail

एडवाईजरी बैंक/Advisory Bank	State Bank of India
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ईएमडी राशि/EMD Amount	3600000
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#### ईपीबीजी विवरण /ePBG Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईपीबीजी प्रतिशत (%) /ePBG Percentage(%)	5.00
ईपीबीजी की आवश्यक अवधि (माह) /Duration of ePBG required (Months).	14

(a). जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने हैं। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनियोगीत तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।/EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b).ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए। / EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

#### लाभार्थी /Beneficiary :

DIRECTOR INCOIS

Payable at Hyderabad, Indian National Centre for Ocean Information Services, Ministry of Earth Sciences, Pragathi Nagar, Hyderabad-90  
(Director Incois)

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 केयल 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 योग्यता/MSE Purchase Preference

एमएसई खरीद योग्यता/MSE Purchase Preference	Yes
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माताओं को खरीद में प्राथमिकता, यदि उनका मूल्य $L1+X\%$ तक की सीमा में हो / Purchase Preference to MSE OEMs available upto price within $L1+X\%$	15
सूक्ष्म और लघु उद्यम को खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MSE 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. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
4. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM of the product offered in the bid {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts and delivery acceptance certificates like CRAC to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
5. 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.
6. Purchase preference will be given to MSEs having valid Udyam Registration 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. 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. In respect of bid for Services, the bidder must be the Service provider of the offered Service. 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, while evaluating the bid. 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. 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. 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.

7. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

एक्सेल में अपलोड किए जाने की आवश्यकता /Excel Upload Required :

PRICEBID - 1767093491.xlsx

## WAMAN 1

(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

<b>Specification Document</b>	<a href="#">View File</a>
<b>BOQ Detail Document</b>	<a href="#">View File</a>

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

## 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	10	60

## Any Other Charges 2

(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**

<b>Specification Document</b>	<a href="#">View File</a>
<b>BOQ Detail Document</b>	<a href="#">View File</a>

**Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.**

**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	60

**Any Other Charges 3**

**(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अंहता 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**

<b>Specification Document</b>	<a href="#">View File</a>
<b>BOQ Detail Document</b>	<a href="#">View File</a>

**Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.**

**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

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	60

#### Any Other Charges 4

(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

<b>Specification Document</b>	<a href="#">View File</a>
<b>BOQ Detail Document</b>	<a href="#">View File</a>

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

#### 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	60

#### Any Other Charges 5

(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

<b>Specification Document</b>	<a href="#">View File</a>
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Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

**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	60

**क्रेता द्वारा जोड़ी गई बिट 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 (Increased quantity + Original quantity) x 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. Service & Support**

Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

**3. Service & Support**

Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

**4. Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

**Supply of 10 Nos stabilized accelerometer-based platform Wave Monitoring along Near shore (WAMAN) Buoy system with accessories and one-year standard warranty at INCOIS**

**Payment terms:**

- 90% payment will be made within 30 days upon delivery, acceptance and submission of Original Ink Signed Invoice along with applicable Test Certificate, Pre-shipment inspection/Q.C.

passed certificate and warranty Undertaking

- 10% will be paid after the successful completion of the warranty period or against submission of an advance bank guarantee from a nationalised/scheduled bank for the like amount valid for a period of 01 year and 02 months.

***Net payment will be released after statutory deductions. No advance payment will be allowed and no other payment terms will be considered.***

##### **5. Buyer Added Bid Specific ATC**

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

#### **अस्वीकरण/Disclaimer**

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for attached categories, trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.
15. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.
16. 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 catalogs 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 within 4 days of bid publication on GeM. 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.**

**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 नियिदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राप्तिकरी के पास पंजीकृत हो।बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने या इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई 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---**

**Request of Proposal for "Supply of 10 Nos stabilized accelerometer-based platform Wave Monitoring along Nearshore (WAMAN) Buoy system with accessories and one-year standard warranty at INCOIS,Hyderabad."**

Dear Sirs,

On behalf of Director, ESSO-INCOIS tenders are invited in "Two Bid System" (Techno Commercial Bid and Price Bid) from Contractors with appropriate registration having adequate resources and setup and dealing with Stabilized accelerometer-based platform Wave Monitoring along Nearshore (WAMAN) Buoy system. The offers, in the prescribed format, shall be submitted through online Government E Marketplace at <http://gem.gov.in>. No tender will be accepted in hard copy, fax, e-mail or any other such means. The intending bidders must be registered with Government E Marketplace

1.	<b>Name of the work</b>	Supply of 10 Nos stabilized accelerometer-based platform Wave Monitoring along Nearshore (WAMAN) Buoy system with accessories and one-year standard warranty at INCOIS,Hyderabad
2.	<b>BID Ref. No.</b>	INCOIS:PUR:28/2025
3.	<b>Earnest Money Deposit (EMD)</b>	Rs.36,00,000/- (Rupees thirty six only) as per clause 6 of the General Terms and Conditions under Section 06
4.	<b>Due date for seeking clarifications/Bid Extension Date</b>	On or before 1500 Hrs .of January 12, 2026
5.	<b>Due date for bid submission</b>	On or before 1630 Hrs. of January 20, 2026
6.	<b>Bid opening date</b>	On or before 1630 Hrs. of January 20, 2026
7.	<b>Completion period</b>	Within 60 Days from the date of acceptance of the Order.
8.	<b>Acceptance of the Order</b>	Within 10 days from the date of receipt of the Order

Being a GeM procurement, the bid has to submitted online through the GeM portal ie., <http://gem.gov.in>. For any assistance, please contact help line of GeM portal. The following officials may also be contacted: Mr. V. Subrahmanyam (email: [manyam@incois.gov.in](mailto:manyam@incois.gov.in); Phone No. 040 23886022)/ Mr. Dasari Prasad (email: [dasariprasad@incois.gov.in](mailto:dasariprasad@incois.gov.in) Phone No. 040-2388 6082)

INCOIS may, at its discretion, extend the deadline for submission of bids by issuing a corrigendum, in which case all rights and obligations of the owner and the bidders previously subject to the original deadline will thereafter be subject to the deadline as extended.

Postal Address	Location Address
Indian National Centre for Ocean Information Services (INCOIS), Ministry of Earth Sciences, Govt. of India, "Ocean Valley", Pragathi Nagar (BO), Nizampet (SO), Hyderabad - 500 090	Indian National Centre for Ocean Information Services (INCOIS), Ministry of Earth Sciences, Govt. of India, "Ocean Valley", Survey No.342/3, Beside ALEAP, Near Pragathi Nagar, Opp. JNTU-Kukatpally, Hyderabad 500 090, Ph.No.040-2388 6000 , Fax No.040-23892910

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**1. Introduction**

The Indian National Centre for Ocean Information Services (INCOIS), Hyderabad, an autonomous body under Ministry of Earth Sciences (MoES), Govt. of India is engaged in providing ocean information and advisory services. INCOIS deals with the projects related to tsunami early warning system, ocean state forecast, ocean observing systems, ocean modelling, satellite oceanography, coastal geospatial applications, ocean data and information management and web-based services relevant to societal needs.

**2. Scope of Work:**

The Scope of work under this tender includes the following:

- A. Supply of stabilized accelerometer-based platform wave monitoring along Nearshore buoy system to measure Wave parameters , sea surface temperature, Acoustic Current Meter (ACM) including Non Dangerous (Non DG classified batteries) as per specifications mentioned in Annexure-I.
- B. Supply and integrated with INSAT and HF transmitter system.
- C. Supply with associated mooring materials.
- D. Supply of HF Receivers including antenna setup.
- E. Supply of Software and processing hardware for data acquisition, data presentation and post-processing. (Windows based).

The WAMAN are configured to transmit the data in real time to INCOIS Hub through INSAT and HF.

**3. Technical Specifications:**

<b>3.1</b>	<b>Current Meter:</b>	By integrating 3 acoustic transducers in the hull of WAMAN Buoy, the surface water velocity can be measured. The current is determined at roughly one metre water depth, by measuring the Doppler shift of reflected 2 MHz pings. Every 10 minutes, the magnitude and direction of the surface current should be measured by three acoustic transducers. The transducers all face 30 degrees down and are 120 degrees laterally apart. Each transducer measures the projection of the current velocity along its axis. The velocities as measured by the transducers are converted into a north-west-vertical water velocity by means of the pitch-roll sensor and the compass of the WAMAN Buoy. During one minute each transducer fires 165 acoustic pings. The velocity measurements must be quality-controlled and averaged.	
	<b>General</b>	Method:	Doppler
		Cell size:	Min 0.4 m to 1.1 m from surface

		Update rate:	Minimum every 10 minutes
		Sensors:	three 2 MHz acoustic transducers. Note all eachhas to be distributed equally in physical structure and integration should be leak proof. Algorithm: Doppler Sensors: three 2 MHz acoustic transducers Ping power: 17.5W Ping duration: 1ms Cell size: 0.4 m - 1.1 m from sea surface Update rate: every 10 minutes Avg. interval: 64 seconds
Speed		Range:	0 to 3 m/s, resolution 1 mm/s
		Accuracy:	1% of measured value $\pm$ 2 cm/s
		Std. (1 $\sigma$ ):	1 to 3 cm/s (depending on wave height)
Direction		Range:	0° to 360°, resolution 0.1°
		Accuracy:	0.4° to 2° (depending on latitude), typically 0.5°
		Reference:	magnetic north
<b>Timing:</b> The ACM should be controlled by the internal, GPS synchronized, clock. Every 10 minutes (at exactly 00:00 hours, 00:10 hours, etc), the ACM make a measurement, transmits the results over the HF link and should log the results to the logger.			
Velocity		This is the measured current velocity in the north-west plane.	
Direction to		This is the direction in the north-west plane to where the current is heading. Current is defined as "flowing to" the given direction.	
Sigma (Direction to)		This is the standard deviation of the measured current direction. The standard deviation of the direction depends strongly on the current velocity..	
Sigma (Velocity)		This is the standard deviation of the measured current velocity.	
Sigma (Direction to)		This is the standard deviation of the measured current direction. The standard deviation of the direction depends strongly on the current velocity..	
RSSI		These are the strengths of the received echoes for transducer T1, T2 and T3. The strength of the echoes are given in a logarithmic scale	

	Tw	This is the water temperature that is used to calculate the speed of sound in water. The water temperature is measured at the start of every measurement interval by the sea surface water temperature sensor.	
	'W'	This parameter is the vertical component (speed) of the measured current. This component is a result of the performed calculations and not used to calculate current velocity or direction.	
	Sigma ('W')	This is the standard deviation of the vertical component of the measured current.	
3.2	<b>Wave Sensor:</b>	stabilized platform accelerometer-based wave measuring system (wave height and wave direction), heave scale accuracy 0.5% of measured value, heave period 1.6 s - 30 s, direction resolution 1.5°, heading error 0.4° - 2°, typical 0.5°, RS232, power < 400 mW, dimensions approximate 410 mm x 410 mm x 560 mm,	
	<b>Type and processing</b>	Type:	Wave stabilized platform sensor
		Sampling:	8-channel, 14 bit @ 5.12 Hz
		Data output rate:	2.56 Hz
		Processing:	32 bits microprocessor system
	<b>Heave</b>	Range:	-20 m to +20 m, resolution: variable,
		Sampling:	1 mm smallest step
		Period:	< 0.5% of measured value after calibration
		Period:	< 1.0% of measured value after 3 years
	<b>Direction</b>	Range:	0° to 360°, resolution: 0.1°
		Heading error:	0.4° to 2° (depending on latitude), typically 0.5°
		Period:	1.0 s to 30 s (free floating)
		Reference:	1.0 s to 20 s (moored)
3.3	<b>Sea surface water temperature</b>	The temperature sensor should be located next to transducer ACM and should be fixed inside an aluminium housing on the inside of the hull. An optimum thermal contact with the metal hull should be ensured by metal-to-metal joints and thermally conducting paste. Heat conduction from the interior should be minimized by thin wires and foam insulation. The effect of marine growth should be minimal.	
	<b>Water temperature</b>	Range:	-10 °C to +50 °C, resolution: 0.01 °C
		Sensor accuracy:	≤0.1 °C

		Measurement accuracy: $\leq 0.2^\circ\text{C}$
	Integrated data logger	Compact flash module 1024 Mb to 2048 Mb
	LED flashlight	Antenna with integrated LED flasher, color yellow (590 nm), standard length 35 cm, "Standard pattern": 5 flashes every 20 s, "Increased pattern": 5 flashes every 15 s.
	GPS position	50 channel, update every 10 minutes, precision $< 5\text{ m}$
	HF link	Frequency range 25.5 to 35.5 MHz Transmission range 50 km over sea, user replaceable. For use with HVA compatible to RX receivers.
3.4	General	
	Power consumption	$\leq 522\text{ mW}$
	Material	Cunifer
	Hull diameter	0.9 m (excluding fender) Should be $\leq 202\text{ kg}$ 0.9 m Cunifer material
	Batteries and Life expectancy	operational life 23.5 months Typically Non DG shipping battery with minimum 270 Wh each
	Power switch	Data files are closed and secured
	Temperature range	Operating: $-5^\circ\text{C}$ to $+35^\circ\text{C}$ Storage: $-5^\circ\text{C}$ to $+40^\circ\text{C}$ (+55 °C for short term few weeks only)
	Hull painting	Brantho - Korrux "3 in 1" paint system (no anti-fouling)
3.5	Additional Sensors	Compact Air Temperature (CAT4) sensor integrated in coated antenna. The Compact Air Temperature (CAT4) is a meteorological air temperature sensor should be integrated in the HF-antenna WAMAN buoy. Need to have a four individual sensors that have different radiative properties and will therefore measure different temperatures. The actual air temperature need to be derived from these different temperatures. External influences that might affect the measurements, such as evaporative cooling, are detected for validation.
3.6	Air Temperature	Measuring height: 2 m above sea surface Temperature range: $-20^\circ\text{C}$ to $+70^\circ\text{C}$ Resolution: $0.01^\circ\text{C}$ Exposed accuracy: $\pm 0.5^\circ\text{C}$ ( $\pm 1.0^\circ\text{C}$ when solar induced uncertainty detected)
	Power switch	Data files should be closed and secured
	Life expectancy	Designed to last 10 years
	Maintenance Interval	Recommended yearly Peak power: $\leq 5\text{ W}$ , Capacity: 2 Wh
	Transmission	INSAT and HF. Refer detailed specifications enclosed in the Tender documents.
3.7	Batteries and power	A non Rechargeable (primary) batteries to guarantee autonomous operation under all conditions. Must be supplies non-magnetic cells. The buoy specifically requires non-magnetic batteries in order not to disturb the magnetic compass .Self-discharge of the cells is less than 2% per year.
3.8	Power consumption and operational life	Power consumption should be monitored by the buoy electronics and integrated over time to total energy consumed. This number need to be updated regularly over the HF link (system message) and INSAT. For service and testing purposes it can also be requested over the console with the status command. Dividing the energy consumed by time yields the average power consumption. It is useful to know the remaining operational life, based on batteries only, i.e. without solar energy. HF only: $\geq 2.3.5$ Months

	INSAT and HF: ≥ 18 months (It will be verified independently )
<b>3.9 Solar power</b>	A solar system should be installed consisting of a solar panel and Boostcap capacitors for temporary solar energy storage. Together with the primary cells this makes the hybrid power system. This concept combines the reliability of primary cells with the availability of solar energy. The purpose of the hybrid power option is to reduce primary battery drainage.
<b>3.10 Solar panel</b>	The solar panel array converts the captured sunlight into electrical energy. The design of the buoy such that the low power consumption of the WAMAN only a small solar panel is required. The rugged construction, fully integrated within hull, the panel should be extremely robust. The solar panel array on the WAMAN should be solar cells in a matrix.
<b>3.11 Power storage pack</b>	The hybrid WAMAN should be the power storage pack. An array of specialised, ultra-high capacity capacitors (Boostcaps) should be used to store surplus solar energy during the day. WAMAN should allow that the energy stored powers the buoy through a considerable part of the night. The main operational advantage of the Boostcap is its robustness. The power storage pack with a total capacity of 27 F and 28 Volt. For safety fuse should be incorporated inside the power storage pack.
<b>3.12 External switch</b>	The WAMAN should be equipped with an external switch. It must be located underneath the nut on top of the hatchcover. The labels "ON" and "OFF" indicate the correct position of the switch.
<b>3.13. LED flashlight</b>	The WAMAN should be equipped with a flash light. The visibility range should be ≥ 4 nautical miles under standard atmospheric conditions. By default, the WAMAN should give 5 flashes in 10 seconds and repeat this every 20 seconds. The flash pattern should comply with the regulations for Ocean Data Acquisition Systems (ODAS) of the International Association of Lighthouse Authorities (IALA).
<b>3.14. Painting, anti-fouling and corrosion protection</b>	The Brantho Korrux paint system should be applied to the WAMAN.
<b>3.15. Mooring components</b>	<p>The correct mooring of a WAMAN buoy is essential to measuring wave parameters according to specifications. The WAMAN buoy component should have a rubber cord that provides flexibility to ride waves up to 40 m. In a marine environment corrosion is a problem and stainless steel parts are crucial for the longevity of the mooring and buoy. All metal parts supplied by vendor such as the chain, swivel and metal parts of the terminals, should be AISI316 stainless steel.</p> <p><b>Polypropylene (PP) rope</b> Vendor must supply synthetic fibre 12 mm multiplaited polypropylene rope, in short polypropylene (PP) rope. This PP-rope should be torsion free and has a breaking strength of 2000 Kg. With thimbles</p> <p>Polypropylene rope is floating, however, over time sediments could be trapped between the fibres and the heavier rope may finally sink.</p> <p>PP-rope need to be spliced on thimbles, and mounted on a special PP-terminal. When mounting, the metal bracket can be linked directly with e.g. a rubber cord terminal.</p> <p><b>Shackles and split pins</b> A shackle and split pin are essential components of WAMAN buoy. It is important to notice that vendor must use a shackle bolt which is still free to rotate after the nut is fastened. This prevents wear of the mooring eye. After tightly fastening the nut on the shackle bolt it must be secured against unscrewing by applying a split pin. Should supply suitable pair of pliers and a few spare split. All shackles and split pins should be AISI316 stainless steel, except the one connecting the anchor weight.</p> <p><b>Sinker</b> For larger depths, vendor need to provide in-line sinkers which keep the polypropylene line from the sea surface. The sinker consists of two identical and</p>

	<p>complementary aluminum parts which can be clamped to the 12 mm multiplied polypropylene rope supplied vendor. Applying or removing the sinkers from the rope can be done without special equipment or small parts.</p> <p><b>Floats</b></p> <p>The purpose of floats is to keep the mooring free from the seabed. Vendor need to provide two types of floats, a 3 Kg and a 10 Kg float. The 0.2 m diameter, 3 Kg buoyancy float can be tied with an 8 mm nylon rope to the polypropylene rope by two times a clove hitch.</p> <p>Another float supplied should be a 0.3 m diameter and provides 10 Kg buoyancy. The float can be attached to the rubber cord terminals when it is necessary to keep the rubber cord away from the seabed.</p> <p><b>Chain coupling and swivel</b></p> <p>The WAMAN buoy buoys need to be fitted with a chain coupling attached to the mooring eye. This provides stability when only a small vertical mooring force is present, e.g. for a free floating buoy or a buoy moored in shallow water. Without chain coupling and when broken adrift, large pitch and roll amplitudes could cause irreparable damage to the stabilized platform.</p> <p>The chain coupling needs to incorporate a swivel at the lower chain end. It prevents the buoy from spinning after mooring line wind-up by tidal motion. The thickness of the chain is 16 mm. The upper chain link is connected to the mooring eye and the swivel is connected to the rubber cord terminal. On both ends 12 mm shackles should be used with M12 bolt and nut, blocked by a 2x32 mm split pin. Chain coupling, swivel, shackle, bolt, nut and split pin are all should be made of stainless steel AISI316.</p>						
<b>3.16. Deployment and recovery.</b>	<p>There should be a notch and easy to deploy and recovery the buoy using small boats.. There will not be any winch systems in the boats and hence the weight and dimensions of the buoy is critical in nature. The entire buoy system must be user friendly to carry in small boats(Examples small Fishing boats). Recovery using a small work boat, rib or dingy.</p>						
<b>3.17. GPS position</b>	<p>With GPS (Global Positioning System) and HF communication the position of a WAMAN buoy, can be tracked. Latitude and longitude should be updated every 10 minutes and transmitted together with a timestamp of that position. The position accuracy should be less than or equal to 5 m. Position integrity must be monitored by the GPS receiver. Only if the receiver flags the position as valid, will the position be updated and transmitted. Otherwise the last available GPS position with the corresponding timestamp need to be transmitted.</p> <p>GPS have to set the internal clock to UTC and keep it synchronized. Measurement samples and data messages need to be synchronized as well. Should GPS time fail all measurements and messages continue, however, with reference to the unsynchronized internal clock.</p>						
<b>GPS position antenna</b>	<p>Should be very compact. If you need to remove it, make sure to provide the rubber sealing ring in a clean groove when reinserting the GPS position antenna.</p> <p><b>GPS position specifications</b></p> <p>specifications for GPS positioning.</p> <p><i>Specifications of Value</i></p> <p><i>GPS positioning.</i></p> <p>Parameter</p> <table> <tr> <td>Position</td> <td>5 m</td> </tr> <tr> <td>accuracy</td> <td></td> </tr> <tr> <td>Update rate</td> <td>every 10 minutes</td> </tr> </table>	Position	5 m	accuracy		Update rate	every 10 minutes
Position	5 m						
accuracy							
Update rate	every 10 minutes						
<b>HF communication:</b>	<p>The standard way of communicating the data from the buoy to shore is by the HF radio link.. Each buoy need to transmits at its own frequency, thus allowing several buoys in the same area at sea. A large set of frequencies in the range of 25.5 - 35.5 MHz should be made available. The transmitting range should extend to beyond line-of-sight and amounts to some 50 Km. The LED flasher needs to be integrated in the HF antenna. The</p>						

	receiver must be provided
<b>3.18. HF antenna</b>	The WAMAN body need to be equipped with data transmission through HF radio link. The HF whip antenna should incorporate LED flasher to mark out the buoy's presence and location. The antenna mounted should be on a spring to avoid breaking of the antenna, the rigid spring will subdue in a collision. This HF/LED antenna must be inserted in the HF-port on the hatch cover.
<b>3.19. INSAT communication:</b>	The UHF Transmitter for WAMAN buoy should be baseband transmission in burst communication mode. It must provide minimum 5W-output power. The Unit must operates in the frequency range of 402.710 MHz ± 200 KHz. The unit operating in the voltage range of -10V to -30V DC from Alkaline batteries. Construction of the unit is completely modular and all subassemblies are easily removable. That electrical data signal was stored into data logger & the buoy receives the GPS data. These both data need to be transmitted for every 30 minutes. The transmitted data is received in the HUB station. The unit operating with the voltage range of -10V to -30V DC The WAMAN buoy system need to determine the sea surface fluctuations at an offshore location. The water level and directional data are then transmitted to the shore station as a high-frequency radio signal. The details of data transmissions from WAMAN buoy to shore hub will be provided after successful bidding.
<b>3.20. WAMAN buoy configuration set up</b>	The terminal software which communicates Buoy for configuration (All sensors and buoy) and other need to be provided as below  Console setup Terminal settings When preparing or servicing the buoy the console provides a comfortable interface to communicate with the buoy. A simple terminal program suffices for configuring and monitoring the buoy. The below modes need to provided for operation: (1) standard mode (2) verbose mode (3) Emulation mode  In standard mode the user may command several buoy actions or responses. Furthermore, the user has to receive event messages generated autonomously by the buoy. For trouble shooting the user can enter verbose mode, thereby extending the range of event messages generated within the buoy. Finally, in Emulation-mode the buoy need to emulate a HF -receiver. Linking the console directly with Windows PC running the processing software has to result in immediate on-screen display of the raw displacement measurements.
<b>3.21. Data receiving and processing Software and Hardware:</b>	2 Numbers data processing system should be supplied. A graphical software application which allows the user to connect WAMAN buoys to a computer. The software should be used for processing oceanographic data and displaying it on the screen for operational purposes. It should be connect to multiple WAMAN buoy instruments.  <b>HF Receiver status</b> Whenever a real-time receiver is connected, it is show which displays if the receiver is connected, the location name (which will be used for saving files), the instrument type, the receiver type, the port or IP-address which it is using to send data to the computer, what the last time a message has been received was, and lastly what that message was (the received vector). The operational settings can be customized in order to provide the best user experience. All the different parameters can be individually coloured and a vertical axis label can be configured. In the history plots which can be opened by right clicking the desired panel and selecting Display history. In the Watch circle settings section, the amount of positions displayed in the map can be chosen, such that the map does not get cluttered with old positions. Furthermore, an e-mail address can be chosen to send a notification with whenever the instrument goes out of its watch circle, or returns into its watch circle.  <b>Receivers</b> The settings of a HF receiver which is connected to the selected instrument can be changed.

<p><b>Ethernet settings</b>  It should be is capable of being configured over Ethernet. A web interface can be used in order to change the reception frequency and mode settings of the receiver. Furthermore, the Frame Error Rate (FER) and Frequency Correction in the web interface.</p> <p><b>Logging</b>  Received data can be saved in several (post-processed) file formats. There are file types which only decode information (.RAW) and there are other file types which also require calculations over the data in order to fill their contents. The various file types can be selected to be saved in the given directory by using the folder selection.</p> <p><b>Redirection of real-time data</b>  The input of a HF-receiver can be forwarded to a serial port.</p> <p><b>Operational</b>  An overview of spectral, statistic and performance parameters can be displayed in processing software. Furthermore, system message parameters from the instrument can be displayed.</p> <p><b>Global Positioning System (GPS)</b>  In the Displacements pane, a map with GPS positions should be displayed. This map can be used to track a buoy broken from its mooring, hence it is possible to only display the most recent GPS positions. In this way, the map doesn't become cluttered with old data.</p> <p><b>Display data</b>  <p><b>Displacements</b>  In the displacements plot, heave, north and west displacements should be shown. The values of the heave, north and west displacements in centimeters on the vertical axis. There should be 200 seconds of heave, north and west displacements displacementdisplay, which for displacement values taken at 1.28 Hz means 256 displacements. Hence, the plotting area displays the last 200 seconds of received measurements.</p> <p><b>Operational view</b>  The Operational view which should include in processing aims to facilitate the operational needs. Real-time system, spectral, statistical, and performance parameters are displayed in panels which can be given alarm colours that change by checking user configured thresholds. In this manner one can quickly see if, for example, waves are too high to perform certain operational activities. It can be opened by navigating</p> <p><b>Refresh interval</b>  As operational activities require data which is more frequently updated than data originating from the spectrum calculations in the instrument (new spectral parameters should made available once every 30 minutes), the spectral parameters for the Operational view need to be computed by using the same algorithm used in the instrument, but every 100 seconds (128 vectors at 1.28 Hz). As the computation of a full spectrum requires 200 seconds (256 vectors at 1.28 Hz).</p> <p><b>Spectral parameters</b>  Several spectral parameters should be displayed in the panes. They need to be computed by using the raw heave, north and west displacements acquired by the connected receiver.. This results in a spectrum with a Power Spectral Density.(PSD) value for a set of frequencies. Spectra should be averaged such that a more reliable value is acquired. The time over which spectra are averaged needs to be short enough in order to guarantee a stationary sea state, typically taken as 30 minutes. The available parameters should be: Significant Wave height, Peak Direction, Peak Directional Spread, Mean Period, Crest Period, Energy Period, Integral Period, Modal Period or Peak Period and Zero-Crossing Period.</p> <p>The spectral parameters can be computed and displayed over the total spectrum, the sea part of the spectrum and the swell part of the spectrum.</p> <p><b>Statistical parameters</b>  In the buoy, statistical parameters need to be determined by taking half an hour of heave measurements and conducting upcross wave analysis on this set of heave measurements. Such as Maximum Wave height and Period at Maximum Wave height</p> <p><b>System parameters</b>  The buoy should calculate and send several system parameters in half-hour intervals. These can be displayed in the Operational View. These include several temperatures,</p> </p>	
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	<p>battery status and location.</p> <p>The available parameters should be: Significant Wave height, Zero-Crossing Period, GPS, Peak Power Spectral Density, Air Temperature, Sea Water Temperature, battery Status, Av, Ay, Ax (Respective Axis' Accelerometer Offset), GPS Longitude, GPS Latitude, Orientation of Buoy, Magnetic Inclination.</p> <p><b>Converting data logger files</b></p> <p>To allow for conversion of files that originate from the data logger or from a receiver into a CSV format file such as the a converter should be available in processing software. The output format should support to csv and other oceanographic formats.</p> <p><b>Other requirements:</b></p> <p>Mail accounts, File management ,Displacements plot, Heave displacement histogram,2D MEM spectrum plot,3D MEM spectrum plot, Number of waves plot, Omni-directional spectrum plot, Significant steepness plot, Significant wave height plot, Bandwidth parameter plot, Statistical summary table System message table, Temperature plot,CAT4 and sea surface temperature plot, Converting data logger files, Spectrum file or full wave spectrum, CSV format and Battery life expectancy message should be provided.</p> <p>The bidder should provide the technical demonstration of one WAMAN buoy at INCOIS, Hyderabad. INCOIS will inform the bidders about the technical demonstration. The failure to provide the technical demonstration treated as technically disqualified and such bids will not be considered for further evaluation process.</p>
3.22. Hull	<p>It should be Cunifer10 and hatch cover made of AISI316. On the outside of the hull need the bottom up: the mooring eye, three acoustic transducers, temperature sensor, fender fitted with anti-spin triangle, handles and flange with groove and rubber sealing ring and forward ship (FS) reference. The FS reference corresponds to the compass heading and is in fact a small planed face on the side of the flange. In general the hull contains several compartments of batteries surrounding an aluminum can, an aluminum lid, plywood or PVC boards to keep everything in place, bags of drying agent, the hull control unit for testing each battery section, and finally a main cable with the hatch cover connector, to connect to the electronics unit.</p> <p><b>Mooring eye</b> should be Placed eccentrically to keep the buoy horizontal during high currents so that the three acoustic transducers are always measuring in the horizontal plane and preferred orientation.</p> <p><b>Transducer (3x)</b> The acoustic transducers all face 30 degrees down and are 120 degrees laterally apart. Each should transducer measures the projection of the current velocity along its axis.</p> <p><b>Temperature sensor</b> should be Temperature sensitive resistor (NTC) which measures the water temperature. Located next to transducer 1 near the mooring eye.</p> <p><b>Fender</b> should have Rubber fender which protects the hull from small collisions and damages.</p> <p><b>Hull control unit</b> should the hull control unit has several functions. The battery voltage of each section installed can be measured at this unit. Also the three acoustic transducers are connected to this unit and the seawater temperature sensor is connected to this unit.</p> <p><b>Anti-spin triangle</b> should have and prevents the buoy from spinning. Spinning can damage the vertical accelerometer beyond repair. It also protects the three acoustic transducers from external damage.</p> <p><b>Handles:</b> The handles on the hull are used to lift the buoy.</p> <p><b>Serial number</b> should One serial number identifies the buoy.</p> <p><b>Rubber sealing ring groove</b> This should groove must contain a rubber O-ring to seal the buoy and make it watertight.</p> <p><b>Aluminum canister:</b> The aluminum canister should house the motion sensor package. The motion sensor package consists of electronics boards, a fluid-filled sphere with the stabilized platform and vertical accelerometer, a two-axial accelerometer and a three-axial fluxgate compass..</p> <p><b>Hatch cover</b></p> <p>The electronics unit should be designed from the point of view of modularity. A range of printed circuit boards each with its own functionality and its own location has to fit in the unit.</p>

	<p><b>Antennas</b> The antennas are also part of the modular design of the system. Mounting an antenna on a port should be straightforward. The connector should inside the port should be waterproof. This means that water will not enter the buoy if your antenna is leaking (after a collision or if the rubber sealing ring is absent).</p> <p><b>Wave motion sensors</b> The WAMAN buoy should consist of the below,</p> <ul style="list-style-type: none"> <li>A. Vertical accelerometer</li> <li>B. Horizontal accelerometers</li> <li>C. Pitch and roll</li> <li>D. Magnetic compass</li> </ul>
<b>3.23. Automatic Identification System (AIS)</b>	Buoy to broadcast its location to its surroundings, increasing the visibility to passing vessels. Integrated in the regular HF flashlight antenna with CAT4.
<b>3.24. Solar Power System</b>	Solar panel to be combined with standard batteries (including Power Storage Pack)
<b>3.25. Proven Record of all WAMAN Buoy components</b>	The stabilized accelerometer-based platform wave monitoring along Nearshore (WAMAN) buoy system should have been working in the last 10 years in Indian waters. The vendor needs to submit the details of working experience and installation reports and details should be independently verifiable.
<b>3.26. Calibration certificates and methodologies</b>	Provide all the Calibration certificates and methodologies.
<b>3.27. Proven with INCOIS INSAT transmitters.</b>	The quoted system should have been working with INCOIS INSAT transmitters in the last 10 years in Indian waters. The vendor needs to submit the details of working experience and installation reports and details should be independently verifiable.

#### **4 Eligibility Criteria:**

Only those tenderers fulfilling the following criteria should respond to the tender.

- 1) The Tenderer must be a Company registered under Indian Company Act 1956 or a registered firm. Registration certificate to be submitted. Proofs for Registration of company, PAN and GST certificates to be submitted.
- 2) The tenderer should provide profile of their company including its infrastructure, technical manpower and their expertise.
- 3) Tenderer (OEM/SI) should have past experience in similar nature of works of similar volume in last five years ending previous day of last date of submission of the online Bid. Out of which one work of value Rs.14.40 Crores or above or two works each of value Rs.10.80 Crores or above or three works each of value Rs.7.20 Crores or above. Client certificates/Work Completion Certificate/ Experience certificate along with the P.O no. as a reference to be enclosed in this regard.
- 4) Product catalogues / data sheets of the items offered and make and model for the line items to be submitted. Without any Data sheets/catalogue and requested technical details missing/not provided in Data sheets/catalogue such bids will be rejected.
- 5) The quoted the stabilized accelerometer-based platform wave monitoring along Nearshore (WAMAN) buoy system should have been working with the INSAT system and 10 years INSAT working experience should be provided.
- 6) The tenderer should have an average annual financial turnover of Rs. 9 Cr or more during the last three years ending March 2025 .Proof of turnover and Proof of annual profit certificate issued by the chartered accountant to be submitted.

- 7) The tenderer should provide a technical demonstration of one WAMAN buoy at INCOIS, Hyderabad as proof of working of full-fledged system. INCOIS will inform the bidders about the technical demonstration. The failure to provide the technical demonstration treated as technically disqualified and such bids will not be considered for further evaluation process.
- 8) The tenderer should provide list of clients and their contact details and the installation/commissioning reports.
- 9) The tenderer should provide the user list along with a minimum of five years' experience certificates along with the contact details from Government Institute or Central / State Universities?
- 10) Quotation should be submitted by the original manufacturer / supplier or its sole authorized distributor / dealer / Indian agent/representative. In case of bid by authorized dealer / distributor / Indian agent/representative, the manufactures authorization should be attached with the technical bid.
- 11) One Indian Channel Partner/Agent can participate in a tender on behalf of one manufacturer only. No offer will be entertained if the same Indian Agent/representative is representing another manufacturer for the same item.
- 12) Each SI/tenderer is allowed to bid directly or through single OEM for this tender. (Manufacturer Authorization Form (MAF) from OEM with specific reference to this tender is to be attached).
- 13) Tenderer must submit Quotations with technical compliance statement for all the specifications along with the detailed data sheets/ catalogues. Relevant remarks can be provided in the compliance statement if required. Quotations without technical compliance and data sheets/catalogues will not be considered.
- 14) Earnest Money Deposit (EMD): As per clause 6 of the General Terms and Conditions under section 6.
- 15) Escalation matrix with full contact details, for the resolution of reported issues during contract period.
- 16) **Start ups:** In order to promote make in India and startups, the prior turnover and prior experience for all startups shall be relaxed subject to their meeting of quality, technical specifications and tender conditions as per tender. The bidder who intends to participate as "start up" company should enclose the certificate towards startup enterprise registration/recognition issued by Department of Industrial Policy and Promotion, Ministry of Commerce and the certificate should be certified by the Chartered Accountant or should be registered with GeM as startup. Applicable certificate should be enclosed.
- 17) Bidder's offer is liable to be rejected if they don't upload any of the certificates/ documents sought in the Bid document, ATC and corrigendum if any.

**NOTE:**

- Offers of bidders which do not fulfill the eligibility criteria or fail to submit documentary proof for all the points under eligibility criteria will not be considered for further evaluation.
- No further communication in this regard will be entertained.
- The bids submitted without EMD Declaration (as per clause 6 under section 6 of General terms and conditions) will be summarily rejected and no further communication in this regard will be entertained.

- 5 **Contents of Bid:-** The quote should be submitted in two bid format. (i) Technical Bid and (ii) Commercial Bid
- (i) **Technical Bid:** Technical bid should contain the information ONLY without which the offer will not be considered further.

**NOTE:**

- The documentary proof attached should be legible and relevant
- Part/conditional/incomplete quotations will not be accepted.

**Table 1: Technical Compliance Statement**

S No	Description	Compliance status Yes / No	Page number against the Proof attached.	Remarks/ Deviation s, if any																
1.	Name of the Bidder																			
2.	The bidder is a 1) Registered Indian under Indian Company Act 1956 / 2) Proprietary / 3) OEM/(s) /4) System Integrator/5) Others																			
3.	Bidder Address and contact details like E Mail , Phone etc.,																			
4.	MSE / NSIC certificate details if any  Registration/ License from the Government:  GST Registration No.  PAN Number																			
5.	Full Bank Details:  <i>(Note: Bank Details provided cannot be changed during Contract, unless special request from the company)</i>																			
6.	Single point of Contact Name : E-mail: Ph No.																			
7.	The bidder must be a Company registered under Indian Company Act 1956 or a registered firm. (Proofs for Registration of company, PAN and GST certificates to be submitted.)																			
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	<p>or above or two works each of value Rs. 10.80 Crores or above or three works each of value Rs. 7.20 Crores or above. Client certificates/Work Completion Certificate/ Experience certificate along with the P.O no. as a reference to be enclosed in this regard.</p> <p>Experience details: Details are to be provided on the letter head duly signed and stamped by the authorized signatory along with copies of contract orders.</p>							
	<table border="1"> <thead> <tr> <th>Sl. No.</th><th>Contract Order details</th><th>Scope of work</th><th>Period of contract</th><th>Contract Value</th></tr> </thead> </table>	Sl. No.	Contract Order details	Scope of work	Period of contract	Contract Value		
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19.	<b>Earnest Money Deposit (EMD) :</b> As per clause 6 of the General Terms and Conditions under section 9.							
20.	The Bidder should provide solvency certificate from their bank confirming their assets and liabilities for proving financial credibility							
21.	Pre Contract Integrity Pact as per (Annexure 3)							
22.	Escalation matrix with full contact details, for the resolution of reported issues during contract period.							
23.	<b>Start ups:</b> In order to promote make in India and startups, the prior turnover and prior experience for							

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24.	Signature on all the pages of the tender document, including addendum, if any, issued by INCOIS and The bidder should give a self-declaration certificate for acceptance of all terms & conditions of tender document			
25.	Do you comply with Current Meter technical as mentioned above in technical section			
26.	Do you comply with WaveSensor: technical specifications as mentioned above in technical section			
27.	Do you comply with General technical specifications as mentioned above in technical section			
28.	Do you comply with Sea surface water temperature technical specifications as mentioned above in technical section			
29.	Do you comply with Air Temperature technical specifications as mentioned above in technical section			
30.	Do you comply Batteries and power technical specifications as mentioned above in technical section			
31.	Do you comply with Power consumption and operational life technicals as mentioned above in technical section			
32.	Do you comply with Solar power technicals as mentioned above in technical section			
33.	Do you comply with Solar panel technicals as mentioned above in technical section			
34.	Do you comply with Power storage pack technicals as mentioned above in technical section			
35.	Do you comply with External switch technicals as mentioned above in technical section			
36.	Do you comply with LED flashlight technicals as mentioned above in technical section			
37.	Do you comply with Painting, anti-fouling and corrosion protection technicals as mentioned above in technical section			
38.	Do you comply with Mooring components technicals as mentioned above in technical section			
39.	Do you comply with Deployment and recovery. technicals as mentioned above in technical section			
40.	Do you comply with GPS position technicals as mentioned above in technical section			
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46.	Do you comply with Data receiving and processing Software and Hardware: technicals as mentioned above in technical section			
47.	Do you comply with Hull technicals as mentioned above in technical section			
48.	Do you comply with Automatic Identification System (AIS) technicals as mentioned above in technical section			
49.	Do you comply with Proven Record of all WAMAN Buoy components technicals as mentioned above in technical section			
50.	Do you comply with Calibration certificates and methodologies technicals as mentioned above in technical section			
51.	Do you comply with Proven with INCOIS INSAT transmitters technicals as mentioned above in technical section			

Table-2: Un-Priced bid

S.No	Item Description	Quantity	Please confirm whether prices are Quoted in commercial bid or not. (Yes / No) <u>Please do not mention/quote prices here.</u>
1.	Supply of 10 Nos stabilized accelerometer-based platform Wave Monitoring along Nearshore (WAMAN) Buoy system with accessories and one-year standard warranty at INCOIS, Hyderabad.	10 Nos	

**6 General Terms and Conditions:-**

Point No.	Details
1.	Quotation: Bidders shall submit their offers online via the Government E Marketplace at <a href="http://gem.gov.in">http://gem.gov.in</a> , before the bid submission date.
2.	* Acceptance of the order: The Successful bidder shall formally accept the Purchase order Within 10 days from the date of issue of the PO/Order. If the acceptance communication is not received within 10 days, then PO would be deemed as accepted and binding to the successful bidder.
3.	Delivery Period : Within 60 Days from the date of acceptance of the purchase order
4.	Warranty Period: One Year Standard Warranty
5.	<p>Payment terms:</p> <ul style="list-style-type: none"> <li>90% payment will be made within 30 days upon delivery, acceptance and submission of Original Ink Signed Invoice along with applicable Test Certificate, Pre-shipment inspection/Q.C. passed certificate and warranty Undertaking</li> <li>10% will be paid after the successful completion of the warranty period or against submission of an advance bank guarantee from a nationalised/scheduled bank for the like amount valid for a period of 01 year and 02 months.</li> </ul> <p><i>Net payment will be released after statutory deductions. No advance payment will be allowed and no other payment terms will be considered.</i></p>

6.	<p><b>Earnest Money Deposit (EMD):</b> Rs.36,00,000/- (Rupees thirty six lakh only) has to be submitted by way of Demand Draft/RTGS from any Nationalized Bank in favour of "Director, INCOIS payable at Hyderabad". The Scanned copy of the Demand Draft/RTGS/ Bank Guarantee/FDR /Insurance Surety Bond is to be uploaded to the GeM Portal while submitting the offer. Bank Guarantees/Counter Guarantees should be obtained from any of the Nationalized/schedule bank of India with a validity of 6 months from the closing of the bid due date and should be sent by the issuing banker directly to the office of INCOIS, Hyderabad.</p> <p><i>The original DDs/ Financial Instruments if any should reach to INCOIS on or before 14:00 Hrs of 20/01/2026 ie., before closing of the bid submission date. Offers received without EMD &amp; bid securing declaration as per Annexure-2 will be summarily rejected. (RTGS details: Name of the Bank: SBI, HAL campus Branch; Account Name: Director, INCOIS; A/c No. 10442322840; IFSC Code: SBIN0001676)</i></p> <p>Indian Vendors registered with Ministry of Micro Small Enterprises (MSE) /National Small Scale Industries Corporation (NSIC) are exempted from payment of EMD. A copy of valid registration certificate should be submitted along with bid securing declaration to be submitted on the bidding firm's letter head duly signed and stamped by the authorized signatory as per Annexure.</p>
7.	<p>Bidder's from a country which shares a land border with India will be eligible to participate in this tender, only if the bidder is registered with Department for Promotion of Industry and Internal Trade (DPIIT) under Order (Public procurement No. 1) issued by Ministry of Finance, Department of Expenditure in line with OM No. F.No.6/18/2019-PPD dt 23rd July, 2020 and F.18/37/2020-PPD, dt. 08.02.2021 inserting Rule 144 (xi) in GFR 2017.</p>
8.	<p><b>Start ups:</b> In order to promote make in India and startups, the prior turnover and prior experience for all startups shall be relaxed subject to their meeting of quality, technical specifications and tender conditions as per tender. The bidder who intends to participate as "start up" company should enclose the certificate towards startup enterprise registration/recognition issued by Department of Industrial Policy and Promotion, Ministry of Commerce and the certificate should be certified by the Chartered Accountant or should be registered with GeM as startup. Applicable certificate should be enclosed.</p>
9.	<p><b>Security Deposit:</b> Successful bidder has to submit 05% of the order value towards Performance Deposit by means of Demand Draft drawn in favor of Director, INCOIS payable at Hyderabad or Bank Guarantee from any Nationalized Bank valid for up to 60days beyond the CAMC period. This deposit will be free of interest and is refundable after the satisfactory execution of the contract and complete fulfilment of contractual obligations</p>
10.	<p>Security Deposit is liable to forfeiture in the event of :</p> <ol style="list-style-type: none"> <li>Non Execution order during validity period of the contract</li> <li>If the service of the successful bidder is found to be unsatisfactory and fails to adhere to our tender terms and conditions.</li> <li>Any unilateral revision made by the successful bidder during the validity period of the contract.</li> </ol>
11.	<p><b>GST:</b> The bidder should specifically/particularly state GST if any applicable as extra and the rate at which the same is chargeable, failing which, the prices quoted, will be deemed to be inclusive of such levies. If a particular bidder is not registered under the GST Act, the prices quoted by him will be treated as net and inclusive of all taxes and statutory levies and that any future claims made by him for reimbursement of those levies on account of retrospective registration under the GST Act will under no circumstances be entertained by the INCOIS and that liability for payment of these levies will be wholly and exclusively that of the bidder quoting against our tender.</p>
12.	<p>Please note that any falsification/suppression of information could lead to the disqualification.</p>
13.	<p>Bidders should fill and submit the technical compliance sheet along with supporting documents along with Techno-Commercial bid. Offers received without the compliance sheet will be summarily rejected.</p>
14.	<p>Tenders not in complete shape or not conforming to technical specifications or not confirming to terms and conditions are liable for rejection. All above relevant documents must be enclosed with technical bids failing which bids may be ignored and will not be considered for technical evaluation.</p>
15.	<p>Proof for fulfilment of eligibility criteria mentioned above should be submitted along with the tender.</p>

	If the tender is submitted without valid documents, INCOIS shall not consider the bid offered as responsive. Tenders received without proof of eligibility criteria will be rejected
16.	Any deviations technically or commercially should be clearly indicated in the Technical bid offer only.
17.	If any loss or damage is caused to INCOIS property by workmen deployed by the successful bidder, the cost of the same will be recovered from the agency/contractor
18.	<p><b>Liquidated Damages Clause:</b> In case the supply/delivery/services is delayed and delay is attributed to the Successful Bidder or is not as per our specifications and in the event of breach of any of the terms and conditions mentioned in the Purchase Order, INCOIS shall have the right.</p> <ul style="list-style-type: none"> <li>a) To recover at the rate of 0.5% per week for the value equivalent to undelivered material / services against the delay in execution of the order or part thereof subject to a maximum of 10% of the services/material not executed/delivered.</li> <li>b) To purchase elsewhere, after due notice to the Bidder Inc., on the account and at the risk of the defaulting supplier for the stores/services not supplied or others of a similar description without cancelling the work order in respect of the job not yet due for supply or</li> <li>c) To cancel the order or a portion thereof and if so desired to purchase the stores / services at the risk and cost of the defaulting supplier and also.</li> <li>d) To extend the period of delivery with or without penalty shall not be more than agreed liquidated damages referred to in clause (a) above,</li> <li>e) To forfeit the security deposit full or in part at the discretion of Director, INCOIS.</li> </ul>
19.	<p><b>Force Majeure Clause:</b></p> <p>If the execution of the contract / supply order is delayed beyond the period stipulated in the contract as a result on out-break of hostilities, declaration of an embargo's or blockage or fire flood, acts of nature or any other contingency , pandemic declared by WHO/Govt. authorities causing stoppage of work beyond the supplier's /INCOIS control, Director, INCOIS may allow such additional time by extending the delivery period as he considers to be justified by the circumstances of the case and his decision shall be final, conclusive and binding. If and when additional time is granted by the INCOIS, the contract/supply shall be read and understood as if it had contained from its inception the delivery date as extended.</p>
20.	If any Bidders withdraws his tender after price bid is opened, with in the validity period or makes any modifications in the terms and conditions of tender, which are not acceptable to the INCOIS, then INCOIS shall without prejudice to any other right or remedy available to it, be at liberty to initiate appropriate action w.r.t bid securing declaration.
21.	The bidder shall sign and upload the Bids with the exact name and address of the firm, which is bidding for the tendered requirement.
22.	The Bids shall be uploaded only after signed by a duly authorized officer of the firm which is bidding for the tendered requirement, and in the case of a Corporation, seal, or otherwise appropriately executed under seal.
23.	The acceptance of tender will solely rest with Director, INCOIS who does not bind himself to accept the lowest or any other tender. No reasons will be furnished for acceptance or rejection of any tender.
24.	Director, INCOIS reserves the right to cancel the tender at any stage due to any technical /administrative reasons. The bidder shall not have any claim under whatsoever reasons.
25.	Canvassing in connection with tender is strictly prohibited and any canvassing will render the bid of such Bidders ineligible.
26.	INCOIS reserves the right to alter the scope/or reduce quantum of work, before/after issue of work order and Bidders shall not have any claim whatsoever on this account.
27.	In case of any unresolved dispute or differences arising at any time between this Institute and the firm holding the contract, these shall be resolved in terms of the Arbitration and Conciliation Act 1996 and held at Hyderabad, Telangana, India only. Further, this contract is subject to laws of India alone. The arbitration process shall commence within 30days of a dispute notice, and the decision of the Arbitrator(s) shall be final and binding on both the parties.

**4. Technical Clarifications: -**

If firms require clarifications on certain points in this document may be submitted (via e-mail) on or before 09:00 Hrs of January 12, 2026. Note: Firms may submit a consolidated query only once. E-mail: [aneesh@incois.gov.in](mailto:aneesh@incois.gov.in), E-mail subject should be mentioned as "Queries on" "Supply of 10 Nos stabilized accelerometer-based platform Wave Monitoring along Nearshore (WAMAN) Buoy system with accessories and one-year standard warranty at INCOIS, Hyderabad."

1) Administrative Officer (Purchase  
Indian National Centre for Ocean Information  
Services (INCOIS) Ministry of Earth Sciences, Govt.  
of India, "Ocean Valley", Pragathi Nagar (BO),  
Nizampet (SO), Hyderabad - 500 090, T.S., India  
Phone No.:040-2388 6022  
e-mail: [manyam@incois.gov.in](mailto:manyam@incois.gov.in)

**Declaration:** I, \_\_\_\_\_ son/daughter of \_\_\_\_\_ aged \_\_\_\_\_ years and residing at \_\_\_\_\_ State and sole proprietor /managing partner /director of \_\_\_\_\_ after having read and understood the tender document No..... dated..... floated by the Institute, hereby undertake that I agree to and shall abide by the terms and conditions prescribed in the said tender document Supply of 10 Nos stabilized accelerometer-based platform Wave Monitoring along Nearshore (WAMAN) Buoy system with accessories and one-year standard warranty at INCOIS, Hyderabad."

Signature of the Tenderer/Authorized Signatory & date

Name

OFFICE SEAL,

Address

*Note: The bidder/ tenderer has to sign & stamp on all pages of tender document and upload the same*

**BID-SECURING DECLARATION FORM**

**Bid No. INCOIS: PUR: 28/2025 date 30.12.2025 Supply of 10 Nos stabilized accelerometer-based platform Wave Monitoring along Nearshore (WAMAN) Buoy system with accessories and one-year standard warranty at INCOIS, Hyderabad."**

**To**

**The Director**

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

I/We the undersigned, declare that: I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration.

I/We accept that I/We may be disqualified from bidding for any tender/contract with INCOIS for a period of one year from the date of notification if I am /We are in a breach of any obligation under the bid conditions, i.e., if I/We withdraw, modify, amend, impair or derogate from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i) fail or refuse to execute the contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

Dated on \_\_\_\_\_ day of \_\_\_\_\_

**Signature of the Tenderer/Authorised Signatory & date**

**Name of the authorized signatory:**

**OFFICE SEAL,**

**Designation:**

**Name of the Bidder:**

**Address:**

**(Note: In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid)**

**BANK GUARANTEE FORMAT FOR BID SECURITY:**

Whereas..... (Hereinafter called "the Bidder") has submitted its bid dt..... (Date of submission of bid) for the supply of .....(name and / or description of the goods) (hereinafter called "the Bid").

KNOW ALL PEOPLE by these presents that WE .....(name of bank) of .....(name of country), having our registered office at .....(address of bank) (hereinafter called "the Bank"), are bound unto.....(name of Purchaser) (hereinafter called "the Purchaser") in the sum of \_\_\_\_\_ for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors, and assigns by these presents. Sealed with the Common Seal of the said Bank this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

THE CONDITIONS of this obligation are:

1. If the Bidder Withdraws its Bid during the period of bid validity specified by the Bidder on the Bid Form; or
2. If the Bidder, having been notified of the acceptance of its bid by the Purchaser during the period of bid validity:
  - (a) Fails or refuses to execute the Contract Form if required; or
  - (b) fails or refuses to furnish the performance security, in accordance with the instruction to Bidders.

We undertake to pay the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee shall remain in force up to \_\_\_\_\_ from the date of submission of the bid and any demand in respect thereof should reach the Bank not later than the above date.

(Signature of the Bank)

Name of the Bidder

## PRE-CONTRACT INTEGRITY PACT

Annexure 3

### General

This pre-bid pre-contract Agreement (hereinafter called the Integrity Pact) is made on ..... day of the ..... month of 2022, between, on one hand, the President of India/ Director INCOIS acting through Shri ..... , Ministry/Department, Government of India (herein after called the "BUYER", which expression shall mean and include, unless the context otherwise requires, his successors in office and assigns) of the First Part and ..... represented by Mr. ..... Designation ..... (herein after called the "BIDDER/Seller" which expression shall mean and include, unless the context otherwise requires, his successors and permitted assigns) of the Second Part. WHEREAS the BUYER proposes to procure " Supply of 10 Nos stabilized accelerometer-based platform Wave Monitoring along Nearshore (WAMAN) Buoy system with accessories and one-year standard warranty at INCOIS, Hyderabad." "and the BIDDER/ Seller is willing to offer /has offered the stores and WHEREAS the BIDDER is a private company / public company / Government undertaking /partnership /registered export agency, constituted in accordance with the relevant law in the matter and the BUYER is a Ministry /Department of the Government of India /PSU performing its functions on behalf of the President of India.

### NOW, THEREFORE

To avoid all forms of corruption by following a system that is fair, transparent and free from any influence /prejudiced dealings prior to, during and subsequent to the currency of the contract to be entered in to with a view to:-

Enabling the BUYER to obtain the desired said stores /equipment at a competitive price in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement, and Enabling BIDDERs to abstain from bribing or indulging in any corrupt practice in order to secure the contract by providing assurance to them that he or competitors will also abstain from bribing and other corrupt practices and the BUYER will commit to prevent corruption, in any form, by its officials by following transparent procedures.

The parties hereto hereby agree to enter into this Integrity Pact and agree as follows:-

### Commitments of the BUYER

- 1.1 The BUYER undertakes that no official of the BUYER, connected directly or indirectly with the contract, will demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favour or any material or immaterial benefit or any other advantage from the BIDDER, either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the bidding process, bid evaluation, contracting or implementation process related to the contract.
- 1.2 The BUYER will, during the pre-contract stage, treat all BIDDERs alike, and will provide to all BIDDERs the same information and will not provide any such information to any particular BIDDER which could afford an advantage to that particular BIDDER comparison to other BIDDERs.
- 1.3 All the officials of the BUYER will report to the appropriate Government office any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach.
- 2 In case any such preceding misconduct on the part of such official(s) is reported by the BIDDER to the BUYER with full and verifiable facts and the same is prima facie found to be correct by the BUYER, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings may be initiated by the BUYER and such a person shall be debarred from further dealings related to the contract process. In such a case while an enquiry is being conducted by the BUYER the proceedings under the contract would not be stalled.

### Commitments of BIDDERs

- 3 The BIDDER commits itself to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of its bid or during any pre-contract or post-contract stage in order to secure the contract or in furtherance to secure it and in particular commit itself to the following:-
  - 3.1 The BIDDER will not offer, directly or through intermediaries any bribe, gift, consideration, reward, favor, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BUYER, connected directly or indirectly with the bidding process, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation of the contract.
  - 3.2 The BIDDER further undertakes that it has not given, offered or promised to give, directly or indirectly any bribe, gift, consideration, reward, favor, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BUYER or otherwise in procuring the

Contract or forbearing to do or having done any act in relation to the obtaining or execution of the contract or any other contract with the Government for showing or forbearing to show disfavour to any person in relation to the contract or any other contract with the Government.

3.3\* BIDDERs shall disclose the name and addresses of agents and representatives and Indian BIDDERs shall disclose their foreign principals or associates.

3.4\* BIDDERs shall disclose the payments to be made by them to agents/brokers or any other intermediary, in connection with this bid/contract.

3.5\* The BIDDER further confirms and declares to the BUYER that the BIDDER is the original manufacturer/Integrator/authorized government sponsored export entity of the defense stores and has not engaged any individual or firm or company whether Indian or foreign to intercede, facilitate or in any way to recommend to the BUYER or any of its functionaries, whether officially or unofficially to the award of the contract to the BIDDER, nor has any amount been paid, promised or intended to be paid to any such individual, firm or company in respect of any such intercession, facilitation or recommendation.

3.6 The BIDDER, either while presenting the bid or during pre-contract negotiations or before signing the contract, shall disclose any payments he has made, is committed to or intends to make to officials of the BUYER or their family members, agents, brokers or any other intermediaries in connection with the contract and the details of the services agreed upon for such payments.

3.7 The BIDDER will not collude with other parties interested in the contract to impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the contract.

3.8 The BIDDER will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.

3.9 The BIDDER shall not use improperly, for purposes of competition or personal gain, or pass on to others, any information provided by the BUYER as part of the business relationship, regarding plans, technical proposals and business details, including information contained in any electronic data carrier. The BIDDER also undertakes to exercise due and adequate care lest any such information is divulged.

3.10 The BIDDER commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.

3.11 The BIDDER shall not instigate or cause to instigate any third person to commit any of the actions mentioned above.

3.12 If the BIDDER or any employee of the BIDDER or any person acting on behalf of the BIDDER, either directly or indirectly is a relative of any of the officers of the BUYER, or alternatively, if any relative of an officer of the BUYER has financial interest/stake in the BIDDER's firm, the same shall be disclosed by the BIDDER at the time of filing of tender. The term 'relative' for this purpose would be as defined in Section 6 of the Companies Act 1956.

3.13 The BIDDER shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any employee of the BUYER.

3.14 The bidder shall not commit any offence under Indian Penal code/Prevention of Corruption Act.

3.15 A person signing IP shall not approach the courts while representing the matters to IEMs and he/she will await their decision in the matter.

3.16 In case of a joint venture, all the partners of the joint venture should sign the Integrity Pact. In case of sub-contracting, the Principal contractor. It is to be ensured that all sub contractors also sign the IP.

#### **4. Previous Transgression**

4.1 The BIDDER declares that no previous transgression occurred in the last three years immediately before signing of this integrity pact, with any other company in any country in respect of any corrupt practices envisaged hereunder or with any Public Sector Enterprise in India or any Government Department in India could justify BIDDERs exclusion from the tender process.

4.2 The BIDDER agrees that if it makes incorrect statement on this subject, BIDDER can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

#### **5. Earnest Money (Security Deposit)**

5.1 While submitting commercial bid, the BIDDER shall deposit an amount(to be specified in Tender) as Earnest Money/Security Deposit, with the BUYER through any of the following instruments.

(i) Bank Draft or a Pay Order in favour of \_\_\_\_\_

(ii) A confirmed guaranteed by an Indian Nationalized Bank, promising payment of the guaranteed sum to the BUYER on demand within three working days without any demur whatsoever and without seeking any reason whatsoever. The demand for payment by the BUYER shall be treated as conclusive proof of payment.

(iii) Any other mode or through any other instrument (to be specified in the Tender) NEFT/RTGS/Wire Transfer

5.2 The Earnest Money / Security Deposit shall be valid upto9 months or the complete conclusion of the contractual obligations to the complete satisfaction of both the BIDDER and the BUYER, including warranty period, whichever is later.

5.3 In case of the successful BIDDER a clause would also be incorporated in the Article pertaining to Performance Bond in the Purchase contract that the provision of Sanctions for violations shall be applicable for forfeiture of Performance Bond in case of a decision by the BUYER to forfeit the same without assigning any reason for imposing sanction for violation of this pact.

5.4 No interest shall be payable by the BUYER to the BIDDER on Earnest Money / Security Deposit for the period of its currency.

#### **6. Sanctions for Violations.**

6.1 Any breach of the aforesaid provisions by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER) shall entitle the BUYER to take all or any one of the following actions, wherever required:-

(i) To immediately call off the pre contract negotiations without assigning any reason or giving any compensation to the BIDDER. However, the proceedings with the other BIDDER(s) would continue.

(ii) The Earnest Money Deposit (in pre-contract stage) and/or Security Deposit/Performance Bond (after the contract is signed) shall stand forfeited either fully or partially, as decided by the BUYER and the BUYER shall not be required to assign any reason therefore.

(iii) To immediately cancel the contract, if already signed, without giving any compensation to the BIDDER

(iv) To recover all sums already paid by the BUYER and in case of an Indian BIDDER with interest thereon at 2% higher than the prevailing Prime Lending Rate of State Bank of India, while in case of a BIDDER from country other than India with interest thereon at 2% higher than the LIBOR. If any outstanding payment is due to the BIDDER from the BUYER in connection with any other contract for any other stores, such outstanding payment could also be utilized to recover the aforesaid sum and interest.

(v) To encash the advance bank guarantee and performance bond/warranty bond, if furnished by the BIDDER, in order to recover the payments, already made by the BUYER, along with the interest.

(vi) To cancel all or any other contracts with the BIDDER. The BIDDER shall be liable to pay compensation for any loss or damage to the BUYER resulting from such cancellation/rescission and the BUYER shall be entitled to deduct the amount so payable from the money (s) due to the BIDDER.

(vii) To debar the BIDDER from participating in future bidding process of the Government of India for a minimum period of five years, which may be further extended at the discretion of the BUYER.

(viii) To recover all sums paid in violation of this Pact by BIDDER(s) to any middleman or agent or broker with a view to securing the contract.

(ix) In cases where irrevocable Letters of Credit have been received in respect of any contract signed by the BUYER with the BIDDER, the same shall not be opened.

(x) Forfeiture of Performance Bond in case of a decision by the BUYER to forfeit the same without assigning any reason for imposing sanction for violation of this pact.

6.2 The BUYER will be entitled to take all or any of the actions mentioned at para 6.1(i) to (x) of this pact also on the Commission by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER), of an offence as defined in Chapter IX of the Indian Penal Code, 1860 or Prevention of Corruption Act, 1988 or any other statute enacted for prevention of corruption

6.3 The decision of the BUYER to the effect that a breach of the provisions of this pact has been committed by the BIDDER shall be final and conclusive on the BIDDER. However, the BIDDER can approach the independent Monitor (s) appointed for the purposes of this pact.

#### **7. Fall Clause**

7.1 The BIDDER undertakes that it has not supplied / is not supplying similar product / systems or subsystems at a price lower than that offered in the present bid in respect of any other Ministry / Department of the Government of India or PSU and if it is found at any stage that similar product / systems or sub systems was supplied by the BIDDER to any other Ministry/Department of the Government of India, or a PSU at a lower price, then that very price, with due allowance for elapsed time, will be applicable to the present case and the difference in the cost would be refunded by the BIDDER to the BUYER, if the contract has already been concluded.

#### **8. Independent Monitors**

8.1 The BUYER has appointed Independent Monitors (hereinafter referred to as Monitors) for this Pact in consultation with the Central Vigilance Commission

Independent External Monitors (IEMs):

Motia Khan (Near Jhandewalan Temple), D.B.  
Gupta Road, New Delhi-110015  
(Email:ajay\_k\_lal@yahoo.com,

Ganesh Apartments, Plot No. 12B, Sector-7 Dwarka,  
New Delhi-110075  
(Email : [mespkj@gmail.com](mailto:mespkj@gmail.com))

8.2 The task of the Monitors shall be to review independently and objectively, whether and to what extend the parties comply with the obligations under this pact.

8.3 The monitors shall not be subject to instructions by the representatives of the parties and perform their functions neutrally and independently.

8.4 Both the parties accept that the Monitors have the right to access all the documents relating to the project / procurement, including minutes of meetings.

8.5 As soon as the Monitor notices, or has reason to believe, a violation of this Pact, he will so inform the Authority designated by the BUYER.

8.6 The BIDDER(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the BUYER including that provided by the BIDDER. The BIDDER will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor shall be under contractual obligation to treat the information and documents of the BIDDER/Subcontractor(s) with confidentiality.

8.7 The BUYER will provide to the Monitor Sufficient information about all meetings amount the parties related to the Project provided such meetings could have an impact on the contractual relations between the parties. The parties will offer to the Monitor the option to participate in such meetings.

8.8 The Monitor will submit a written report to the designated Authority of BUYER/Secretary in the Department /within 8 to 10 weeks from the date of reference or intimation to him by the BUYER / BIDDER and, should the occasion arise, submit proposals for correcting problematic situations.

#### **9. Facilitation of Investigation**

In case of any allegation of violation of any provisions of this pact or payment of commission, the BUYER or its agencies shall be entitled to examine all the documents including the Books of Accounts of the BIDDER and the BIDDER shall provide necessary information and documents in English and shall extend all possible help for the purpose of such examination

#### **10. Law and Place of Jurisdiction**

This pact is subject to Indian Law. The place of performance and jurisdiction is the seat of the BUYER.

#### **11. Other legal Actions.**

The actions stipulated in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

#### **12. Validity**

12.1 The validity of this integrity pact shall be from date of its signing and extend upto 5 years or the complete execution of the contract to the satisfaction of both the BUYER and the BIDDER/Seller, including, warrant period, whichever is later. In case BIDDER is unsuccessful, this integrity pact shall expire after six months from the date of the signing of the contract.

12.2 Should one or several provisions of this pact turn out to be invalid; the remainder of this pact shall remain valid. In this case, the parties will strive to come to an agreement to their original intentions.

13. Parties hereby sign this Integrity Pact at on \_\_\_\_\_

BUYER

Name of the Officer

Dept./Ministry/PSU

Witness:

1. \_\_\_\_\_

2. \_\_\_\_\_

BIDDER

CHIEF EXECUTIVE OFFICER Designation

Witness:

1. \_\_\_\_\_

2. \_\_\_\_\_

\*Provisions of these clauses would need to be amended/deleted in line with the policy of the BUYER in regard to involvement of Indian agents of foreign suppliers.