

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

ईकोईस: क्रय: 27/2025  
Ref. INCOIS: PUR: 27/2025

दिनांक: 05.01.2026  
Date: 05.01.2026

**सरकारी ई बाज़ार 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 बाज़ार (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)	30 संख्या के रियल टाइम एयर सी मेट्रोलॉजिकल सिस्टम (IRASIMET) सिस्टम की आपूर्ति, स्थापना, इंटीग्रेशन और कमीशनिंग, एक साल की मानक वारंटी और 3 साल की CAMC के साथ "Supply, Installation, Integration and Commissioning of 30 No. of Real Time Air Sea metrological systems (IRASIMET) systems with a one-year standard warranty and 3 year CAMC."	ईकोईस: क्रय: 27/2025 INCOIS: PUR: 27/2025	जीईएम/2026/बी/7073536 दिनांक: 05.01.2026 GEM/2026/B/7073536 dated 05.01.2026	27.01.2026 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, ईकोईस/  
Tender Inviting Authority, INCOIS

नोडल अधिकारी / Nodal Officer  
एनआईटी / NIT  
ई-क्रय / e-Procurement

**बिड दस्तावेज़ / Bid Document**

बिड विवरण/Bid Details	
बिड बंद होने की तारीख/समय /Bid End Date/Time	27-01-2026 17:00:00
बिड खुलने की तारीख/समय /Bid Opening Date/Time	27-01-2026 17:30:00
बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)	90 (Days)
मंत्रालय/राज्य का नाम/Ministry/State Name	Ministry Of Earth Sciences
विभाग का नाम/Department Name	Department Of Earth Sciences
संगठन का नाम/Organisation Name	Earth Sciences Secretariate
कार्यालय का नाम/Office Name	Indian National Centre For Ocean Information Servi
कुल मात्रा/Total Quantity	36
वस्तु श्रेणी /Item Category	IRASIMET 1 , CAMC 2 , Commiss 3 , Decomissio 4 , Any other Charges 5
GeMARPTS में खोजी गई स्ट्रिंग्स / Searched Strings used in GeMARPTS	Real Time Air Sea Meteorological systems, CAMC of IRASIMET
GeMARPTS में खोजा गया परिणाम / Searched Result generated In GeMARPTS	<p><b>Searched String:</b> Real Time Air Sea Meteorological systems</p> <p>GNSS RECEIVER FOR REFERENCE STATION</p> <p><b>Searched String:</b> CAMC of IRASIMET</p> <p>AMC/ CAMC of Hydro Energy Power Plants, AMC/ CAMC of Solar Energy Power Plants, AMC/ CAMC of Wind Energy Power Plants, AMC/CAMC of Bio Energy Power Plants, Hiring of POS (point-of-sale) Devices, Hiring of Boats, Hiring of Vessels, Mine Development and Operation Service- Lumpsum Based, Mine Development &amp; Operations Service(MDO) - Per MT Based, Selection of Laboratories for Testing of Products/Material</p>
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	<ul style="list-style-type: none"> <li>• Sunshine Recorder -as per IS 7243</li> <li>• Wind Vane as per IS 5799</li> <li>• Aneroid Barometer as per IS 5793 (V2)</li> </ul>
बीओक्यू शीर्षक /BOQ Title	SIIC OF IRASIMET
बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का) /Minimum Average Annual Turnover of the bidder (For 3 Years)	747 Lakh (s)



बिड विवरण/Bid Details	
उन्हीं/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
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 निविदाकारों द्वारा अपलोड किए गए दस्तावेजों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ में है/Do you want to show documents uploaded by bidders to all bidders participated in bid?	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)
बिड लगाने की समय सीमा स्वतः नहीं बढ़ने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension	1
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	7
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	1
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	No
बिड का प्रकार/Type of Bid	Two Packet Bid
प्राथमिक उत्पाद श्रेणी/Primary product category	IRASIMET 1
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	11 Days
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
वित्तीय दस्तावेज की आवश्यकता है / Financial Document Required	Yes
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

**ईएमडी विवरण/EMD Detail**

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईएमडी राशि/EMD Amount	2988000

**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).	38

(a). जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित कैटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने हैं। एमएसई कैटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता 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, Govt. of India, 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 केवल क्लास 1/क्लास 2 के स्थानीय आपूर्तिकर्ताओं को ही भागीदारी की अनुमति है दिनांक 16.09.2020 (समय-समय पर संशोधित एवं लागू) / Allow participation only from Class 1/Class 2 local suppliers as per the Public procurement(Preference to Make-in-india) order 2017 date 16.09.2020(as amended and applicable time to time)	Yes, in compliance with the MII ORDER : DPIIT Order(as amended and applicable time to time)
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#### एमएसई खरीद वरीयता/MSE Purchase Preference

एमएसई खरीद वरीयता/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 - 1767611778.xlsx

## IRASIMET 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

Specification Document	<a href="#">View File</a>
BOQ Detail Document	<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.	प्रेषिती/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	30	45

### CAMC 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

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

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

#### प्रेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	प्रेषिती/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	3	365

### Commiss 3

(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

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



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

**परेषिती/रिपोर्टिंग अधिकारी तथा मात्र/Consignees/Reporting Officer and Quantity**

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्र /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	15

**Decomissio 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 मात्र/Consignees/Reporting Officer and Quantity**

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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	15

**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.

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क्र.सं./S.No.	प्रेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्र /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	45

**क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/Buyer Added Bid Specific Terms and Conditions****1. Generic**

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

**2. Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

**Supply, Installation, Integration and Commissioning of 30 No. of Real Time Air Sea meteorological systems (IRASIMET) systems with a one-year standard warranty and 3 year C AMC**

**Payment terms:**

**Material Component:**

- 60 % payment will be released within 30 days upon supply and acceptance of materials at INCOIS, Hyderabad along with original Ink signed commercial invoice and warranty undertaking.
- 30% payment will be released on prorata basis upon completion of, Installation, Integration and Commissioning Systems at each designated vessels and transportation of instruments to INCOIS along with 10 days continuous satisfactory real time data transmission receipt at INCOIS.
- 10% will be paid after successful completion of warranty period or against submission of advance bank guarantee from a nationalized/scheduled bank for the like amount valid for a period of 01 year 02 months

#### **Service Component:**

- CAMC and Placement of Engineer:
- Payment will be released on quarterly basis against submission of the Ink Signed invoice in triplicate (Original , Duplicate and Triplicate) and subject to satisfactory performance.
- The following documents are to be accompanied while submitting the quarterly invoice:•
  - a. Joint Log Report for the quarter,
  - b. Attendance details of manpower deployed.
  - c. Tax payment copies as applicable.
  - d. Proof of back to back support from OEM (Wherever applicable)
- If Sensor calibration of respective IRASIMET is not done before 3<sup>rd</sup> quarter for the particular year , the vendor will loose the CAMC & Calibration payments/charges forever for the subsequent quarters for the respective IRASIMET system .The payment if CAMC charges will be resumed only from the date of fitment of calibrated sensor in the respective ASIEMT system.

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

*CAMC Contract period: 3 years after completion of 1 year standard warranty*

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

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

#### **4. Service & Support**

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

#### **5. Service & Support**

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

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



INCOIS: PUR:27/2025

05.01.2026

**Request of Proposal for "Supply, Installation, Integration and Commissioning of 30 No. of Real Time Air Sea metrological systems (IRASIMET) systems with a one-year standard warranty and 3 year CAMC"**

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 Supply, Installation, Integration and Commissioning of 30 No. of Real Time Air Sea metrological systems (IRASIMET) systems with a one-year standard warranty and 3 year CAMC. 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.	Name of the work	Supply, Installation, Integration and Commissioning of 30 No. of Real Time Air Sea metrological systems (IRASIMET) systems with a one-year standard warranty and 3 year CAMC
2.	BID Ref. No.	INCOIS: PUR:27/2025
3.	Earnest Money Deposit (EMD)	Rs.29,88,000/- (Rupees twenty nine lakhs eighty eight thousand only) as per clause 6 of the General Terms and Conditions under Section 10
4.	Due date for seeking clarifications/Bid Extension Date	On or before 1500 Hrs .of January 16, 2026
5.	Due date for bid submission	On or before 1500 Hrs. of January 27, 2026
6.	Bid opening date	On or before 1530 Hrs. of January 27, 2026
7.	Completion period	Within 45 days from the date of acceptance of the Order.
8.	Acceptance of the Order	Within 10 days from the date of receipt of the Order

Being a GeM procurement, the bid has to be submitted online through the GeM portal i.e., <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:** Supply, Installation, Integration and Commissioning of 30 No. of Real Time Air Sea metrological systems (IRASIMET) systems with a one-year standard warranty and 3 year CAMC**3. Technical Specifications:****IRASIMET modules specifications.****IRASIMET Sonic Wind Module:**

Sensor: Ultrasonic Anemometer

**Wind:**

Range 0 - 90 m/s (0-201mph)

Starting threshold 0.01 m/s

Accuracy\*  $\pm 2\%$  @ 12 m/s,  $\pm 4\%$  @ 90 m/s

Resolution 0.01 m/s

Offset  $\pm 0.01$  m/s

**DIRECTION**

Range 0 - 360°

Dead band direction None

Accuracy  $\pm 2^\circ$  @ 12 m/s

Resolution 1°

Ultrasonic output rate 1-4 Hz

Parameters UV, Polar, NMEA

Units m/s, knots, mph, kph, ft/min

Averaging Flexible 1-3600 seconds

Block average 0-3600s

Communication (Operat'n) RS422/RS485 full duplex/half duplex

Baud rates 1200, 2400, 4800, 9600, 19200, 38400

Formats 8 bit data; odd, even or no parity

Anemometer status Supplied as part of standard message

Anemometer only 20 - 30 VDC (60mA max, 50mA average)

Heating Max 7A @ 24 VAC or DC  
 External construction Stainless steel 316  
 Size Refer to diagram overleaf  
 Weight  $\leq 1.7\text{kg}$  (with 2m cable)  
 $\leq 1.3\text{kg}$  (with connector)  
 Protection class IP66 (NEMA4X)  
 Humidity 0% to 100% RH  
 Operating temperature  $-55^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$  (with heating)  
 Precipitation 300mm/hr  
 EMC EN 61326-1: 2013, EN6095: 2002  
 Icing MILSTD810F Method 521.2 Procedure I  
 Standards Traceable to National standards  
 Cable: 2m

**Notes:** Each measurement takes 250msec, so the base sample rate is 4Hz. There is overhead involved to output the data at the end of a sampling burst, resulting in 15 samples in a 5 s interval (3 Hz).

**Infrared Thermometer (continuous recording type):**

Sensor Thermopile and thermistor  
 Input Power 2.5 V excitation (for thermistor)  
 Response Time  $< 1\text{ s}$  (to changes in target temperature)  
 Target Temperature Output Signal  $60\text{ }\mu\text{V}$  per  $^{\circ}\text{C}$  difference from sensor body  
 Body Temperature Output Signal 0 to 2500 mV  
 Optics Germanium lens  
 Wavelength Range 8 to  $14\text{ }\mu\text{m}$   
 Field of View (FOV)  $22^{\circ}$  half angle  
 Operating Temperature Range  $-55^{\circ}$  to  $+80^{\circ}\text{C}$   
 Operating Relative Humidity Range 0 to 100% RH  
 Cable Description 4.5 m (14.76 ft) twisted, shielded 4-conductor wire with Santoprene casing, ending in pigtails  
 Absolute Accuracy  $\pm 0.2^{\circ}\text{C}$  ( $-10^{\circ}$  to  $+65^{\circ}\text{C}$ )  $\pm 0.5^{\circ}\text{C}$  ( $-40^{\circ}$  to  $+70^{\circ}\text{C}$ )  
 Uniformity  $\pm 0.3^{\circ}\text{C}$  ( $-40^{\circ}$  to  $+70^{\circ}\text{C}$ )  $\pm 0.1^{\circ}\text{C}$  ( $-10^{\circ}$  to  $+65^{\circ}\text{C}$ )  
 Repeatability  $\pm 0.1^{\circ}\text{C}$  ( $-40^{\circ}$  to  $+70^{\circ}\text{C}$ )  $\pm 0.05^{\circ}\text{C}$  ( $-10^{\circ}$  to  $+65^{\circ}\text{C}$ )  
 Size Diameter  $\leq 2.3\text{ cm}$  (0.9 in.) Length  $\leq 6\text{ cm}$  (2.4 in.) Weight  $\leq 190\text{ g}$

**Barometric Pressure Module:**  
**Specifications**

- Sensor: ceramic sensor
  - Range: 800 to 1100 mb, Resolution: 0.01 mb
  - Accuracy: 0.3 mb;
  - Drift (post vs. pre cal after 1 yr): 0.1 mb
- Physical:
  - Housing: Stainless Steel (3.6 x 2.4 x 1.0 in)
  - Weight:  $< 150\text{g}$
- Electrical:
  - +10 vdc to +15 vdc
  - 4 ma average current
- Sampling:
  - Response time: 1 Sec
  - Single samples at up to once per second
  - Output variables: pressure (mb)
- Communications:
  - Analogue

**Precipitation Module:**  
**Specifications**

- Sensor: Self-siphoning rain gauge
  - Range: 0 to 50 mm
  - Threshold: 1 mm
  - Accuracy: 1 mm
- Physical:
  - Catchment: Diameter  $\leq 113$  mm
  - Height:  $\leq 65$  cm
  - Weight in air:  $< 2.5$  kg
- Electrical:
  - +10 vdc to +15 vdc
  - 3.0 ma average current
- Sampling:
  - Single samples at up to once per second
  - Minimum on-time: 3 min
  - Output variables: water level (mm)
- Communications:
  - Analogue

**Notes:** Calibration is done by adding successive, known volumes of water. Calibration constants are stored in the EEPROM

#### **ASIMET Shortwave Radiation Module (SWR) Specifications**

- Sensor: Thermopile
  - Range: 285 to 2800 nm, Resolution:  $1 \text{ W/m}^2$
  - Sensor Output: upto  $4000 \text{ W/m}^2$
  - Non-linearity (100 to  $1000 \text{ W/m}^2$ ):  $< 0.2\%$
  - Drift (post vs. pre calibration after 1 yr):  $< 0.5\%$
- Physical:
  - Housing: Diameter  $\leq 15$  cm, Height:  $\leq 9.3$  cm
  - Weight in air:  $< 1$  kg
- Electrical:
  - +10 vdc to +15 vdc
  - 1.0 ma average current
- Sampling:
  - Response time (63%):  $< 0.2$  sec
  - Single samples at up to once per second
  - Output variables: shortwave radiation ( $\text{W/m}^2$ )
- Communications:
  - Analogue or RS485

**Notes:** The gain adjustment and calibration of the sensor electronics are made separately. The complete assembly is calibrated outside in sunlight against a traceable standard. Combined calibration constants are stored in the unit EEPROM.

#### **ASIMET Longwave Radiation Module (LWR)**

##### **Specifications**

- Sensor: Precision Infrared Radiometer (PIR)
  - Spectral Range: 4.5 to  $42 \mu\text{m}$ , Resolution:  $1 \text{ W/m}^2$
  - Output Range: -250 to  $250 \text{ W/m}^2$
  - Non-linearity (-250 to  $250 \text{ W/m}^2$ ):  $< 1\%$
  - Drift (post vs. pre calibration after 1 yr):  $< 1\%$
- Physical:
  - Housing: Diameter  $\leq 15$  cm, Height:  $\leq 7.65$  cm
  - Weight:  $\leq 700$  g
- Electrical:

- +12 vdc to +15 vdc
  - 1 ma average current
- Sampling:
  - Response time: <18 s
  - Single samples at up to once per second
  - Output variables: body temperature, thermopile voltage (V) and longwave radiation flux (W/m<sup>2</sup>)
- Communications:
  - Analogue or RS485

**Notes:** The laboratory standard electronics calibration procedure used. The complete module is then verified outdoors by comparison to a traceable standard. Calibration constants are stored in the unit EEPROM.

**Specifications of GPS Receiver:**

- Receiver: WAAS enabled. 12 parallel channel GPS receiver continuously tracks and uses up to 12 satellites (up to 11 with PPS active) to compute and update the position.
- Receiver sensitivity : -185dBW minimum
- Acquisition Time:
- Cold start : better than 50 secs
- Warm start : better than 40 secs
- Re acquisition : less than 2 secs
- Accuracy:
  - GPS Standard Position Service (SPC)
  - Position: less than 15m 95% (without DGPS)
- Time accuracy: equal or better than 10µs
- Interface: RS232
- Power supply: 8-16V DC, current less than 65 ma at 12V DC
- Operating temperature: -20°C to +60°C
- 

**ASIMET Data Collection Platform:**

**Core Features**

- Processor: High-speed analog measurement capabilities (300+ Hz)
- ADC Resolution: 24-bit
- Programming Language: User friendly and easy for configuration.
- Real-Time Clock Accuracy: ±3 min/year (GPS correction to ±10 µs)

**Environmental Ratings**

- Operating Temperature:
  - Standard: -40°C to +70°C
  - Extended: -55°C to +85°C
- Humidity: 0-100% RH (non-condensing)
- Storage Temperature: -60°C to +85°C

**Inputs & Outputs**

- Analog Inputs: 16 single-ended or 8 differential
- Current Inputs: 2 channels (0-20 mA or 4-20 mA)
- Pulse Counters: 10 (P1-P2, C1-C8)
- Digital I/O: 8 configurable terminals (C1-C8)
- Voltage Excitation: 4 terminals (VX1-VX4)
- Switched 12V Outputs: 2 terminals + CS I/O pin 8
- Input Voltage Range: ±5 V
- Accuracy:
  - ±(0.04% of measurement + offset) at 0-40°C
  - ±(0.06%) at -40 to +70°C
  - ±(0.08%) at -55 to +85°C

**Memory & Storage**

- RAM: 4 MB battery-backed SRAM
- Flash Storage: 72 MB internal + microSD slot (up to 16 GB)
- Idle Current Drain: < 2.0 mA (@ 12 Vdc)
- Active Current Drain:
  - 1.1 mA (1 Hz scan @ 24 Vdc)
  - 2 mA (1 Hz scan @ 12 Vdc)
  - 57 mA (20 Hz scan @ 12 Vdc)



#### Communication Interfaces

- Ports:
  - USB-C
  - Ethernet (10/100)
  - RS-232, RS-485, RS-422
  - CS I/O
  - CPI (for high-speed modules)
- Protocols:
  - Ethernet, PPP, IPv4/IPv6, TCP/UDP, MQTT(S), HTTP(S), FTP(S), SNMPv3, SDI-12, Modbus, DNP3, NMEA 0183, SPI, I2C, PakBus

#### Build & Dimensions

- Material: Anodized aluminum case
- Size:  $\leq 23.8 \times \leq 10.1 \times \leq 6.2$  cm(LBH)
- Weight:  $\leq 0.90$  kg
- RF Shielding: Stainless-steel canister with gold-coated connectors

#### Power

- Input Voltage: 10 to 36 Vdc
- Regulated Outputs: 12 Vdc
- Compatible Power Supplies: PS150, PS200
  1. Analog Channel: Analog Data Inputs: 8 differential or 16 single ended and Input range: The data logger should have multiple input ranges to measure the sensors accurately without any loss of accuracy. The data logger should have this input range:  $\pm 5000\text{mV}$ ,  $\pm 1000\text{mV}$ ,  $\pm 200\text{mV}$ ; 0 to 5 V DC. Provision for minimum 2 qty. 4 to 20 mA signal input in addition to 16 single ended channels should be provided with the logger
  2. Analog Voltage Accuracy:  $\pm 0.08\%$  of reading +offset
  3. Analogue measurement resolution:  $15 \mu\text{V}$
  4. Digital Channel: Frequency Type: 04 Channel, Counter Type: 02 Channel and the facility to convert counter channels to frequency channels & vice versa should be provided. Digital channels support RS232, RS485 and SDM inputs.
  5. SDI-12 Input: 04 Channel
  6. Minimum 3 excitation channels for the compatibility of potentiometer, PT1000 and thermistor.
  7. Operating temperature range:  $-40$  to  $70^\circ\text{C}$ .
  8. Analog to Digital Conversion: Resolution 24 Bit or more
  9. Real Time Clock: The normal time clock of the system should be having the resolution of 1 millisecond and accuracy of  $\pm 50 \mu\text{s}$  with GPS correction, the system should also have battery even during power failure.
  10. Communication port: 1 USB port, 4 RS232 Port , 1 Ethernet Port; to connect computer, sensor, or communication devices serially
  11. Modbus Channels (RS485): Data logger shall have 4 channels for RS485.
  12. Ethernet Port: Ethernet port shall have magnetic isolation, and TVS surge protection
  13. Spare RS232 port for Analogue channel Expansion: The Data logger should have a free RS232 port capable of having communication with external devices required for channel expansion.
  14. Data Storage: The system should have in-built facility to store 30-minute data for minimum duration of more than one year in at least 60 MB memory. It should also be possible to download the stored data on a Micro-SD card including date and time information.
  15. Communication to Data Acquisition System (DAS) by:
    - TCP/IP network (Ethernet, GPRS, etc.,)
    - RS-232/485 cable
  16. Power Requirements: Typical Current Drain in Sleep Mode:  $\sim 2$  mA or better 1 Hz Scan and 60mA or better at 20Hz scan.
  17. Protection: Power inputs shall be protected against surge, overvoltage, over-current, and reverse power as per IEC 61000-4 Class 4 level.
  18. Input Voltage: Shall work either 12 and 24 Vdc input
  19. Maximum Scan rate: 1000 Hz
  20. Programmable Sampling Frequency: User shall be able to program the sampling rate for all analogue and digital channels simultaneously starting from milliseconds to minutes.
  21. Logging interval: User shall be able to program the DCP to generate the multiple data tables which shall record the data in milliseconds, seconds, minutes, hourly and daily basis.
  22. Program: Logger shall be programmable, and user shall be able to utilize the equations in the program required for ETO calculations.

23. Data logger should be CE/EU Compliant.
24. GSM/GPRS/4G Telemetry to get the data on email, FTP
25. Email based alert mechanism.
26. IRASIMET can be accessible remotely through any laptop/PC having internet connection with remote station having login credentials (UserID/Password). Password protection must be required to access the data logger remotely and via laptop using the USB cable to protect the logger configuration and data.
27. Data logger should be accessible directly without the need of any cloud services offered by external agencies/vendors to protect our data confidentiality.
28. Remote configuration i.e., instrument setup, Data extraction, daily flash files and Data analysis
29. Numerical and Graphical display software shall be provided to view the data remotely in the control room without the need for any static IP connection.
30. Mobile applications should be provided (Android and IOS) to view the real time data and the user shall be able to download historical data using the same mobile application.
31. Software and application to access the logger remotely with dynamic internet connection through any PC/Laptop and mobile (No static IP connection shall be required).
32. Users shall be able to change the data logger program, configuration, and password remotely through GSM/GPRS/4G telemetry.
33. All the sensors (Fast and slow) should be connected on a single data logger and logger shall be capable to generate individual tables for fast and slow sensors.
34. The data logger must be compatible with INCOIS INSAT transmitters and should have a similar deployment, with relevant 10 years experience documents to be submitted as part of the experience criteria.
35. Data logger shall have the facility to switch between 4G telemetry modem to INSAT in case of network unavailability.
36. Calibration: Factory recalibration every three years. During this process, all input terminals, peripheral and communications ports, operating system, and memory areas need to be checked, and the internal battery is replaced. The data logger is verified to ensure all hardware operates within published specifications before it is returned. The certificate is mandatory and the vendor must provide the certificate.
37. **Calibration Wizard:** The Calibration wizard, accessible from the connect screen's Datalogger menu, assists in calibrating one or more variables in the datalogger program. The tool must be available for dataloggers that support the Field calibration instruction. The wizard should use the Cal files matching the program running in the datalogger to guide you through each calibration step.
38. **Background Calibration:** The logger must use an internal voltage reference to routinely self-calibrate and compensate for changes caused by operating temperatures and aging. Background calibration is automatically disabled when the scan rate is too fast for the calibration measurements to occur alongside the program measurements. The Calibrate() instruction can be used to override or disable background calibration if it interferes with fast program execution. Every year the vendor needs to provide the certificate of Background Calibration process completion
39. **Calibration Options:** The logger must have the filed calibration options such as zeroing, offset, two-point multiplier and offset, and two-point multiplier only. It should have the options such as zeroing, 1/4 bridge strain shunt, bending 1/2 bridge strain shunt, and bending full bridge strain shunt.

#### **ASIMET Graphical Display Specifications:**

##### **Core Specifications**

- Processor: Intel® N200, 3.7 GHz burst speed
- Operating System: Windows 11 Pro (multi-language support)
- Graphics: Intel® Gen12 UHD Graphics

##### **Memory & Storage**

- RAM: 8 GB or 16 GB LPDDR5
- Storage: 128 GB or 256 GB NVMe PCIe SSD (6x faster than Mesa 3)
- Expansion: MicroSDXC card slot

##### **Connectivity**

- Wi-Fi: Wi-Fi 6 / 6E (802.11 ax)
- Bluetooth: v5.3 + EDR, BLE support
- Cellular: 4G LTE (CAT 12 modem), certified for Verizon, AT&T, and T-Mobile
- Ports:
  - USB-A (5 Gbps)
  - USB-C (5 Gbps, power delivery, DisplayPort)

- Optional RS-232 9-Pin D-Sub
- Docking connector
- 12V DC power input

#### Battery

- Main Battery: Removable 43.2 Wh Li-Ion
- Optional Internal Battery: 21.6 Wh (hot-swappable)

#### Display & Touch

- Size: 7-inch WXGA (1280 x 800)
- Brightness: 800 NITS (sunlight-readable)
- Touch screen: Projected capacitive, usable with gloves/stylus/wet conditions
- Glass: Chemically-strengthened Dragontrail™ HW cover glass

#### Camera

- Rear: 13 MP with LED flash
- Front: 5 MP

#### Sensors & GNSS

- GNSS Receiver: Quectel LC79H Dual Frequency, 135 channels, 2-5-meter accuracy
- SBAS Support: WAAS, EGNOS, etc.
- Sensors: Compass, Accelerometer, Gyroscope, Ambient Light Sensor

#### Rugged Features

- IP Rating: IP68 (dustproof & waterproof)
- MIL-STD-810H Certified: Shock, vibration, temperature, humidity, etc.
- Drop Resistance: Multiple drops from 1.2-1.5 m onto concrete

#### Optional Features

- Barcode Scanner: 1D/2D imager with SDK support
- UHF RFID: Region-specific frequency support
- External GNSS Antenna Port
- Custom Configurations: Branding, sensors, expansion modules
- Display data in table and graph modes
- Temporary chart and graphs
- Compare data among stations
- A high configuration server in INCOIS Hyderabad. The vendor need to provide the high server to receive data from INSAT and GPRS.
- Compare graphs of the same parameters from several stations
- compare graphs of various parameters from one station
- Export to Excel and Access
- Export graphics to JPEG, etc., images and to the clipboard
- Application software with foreign origin having servers outside India is not allowed and technically will be disqualified

#### INSAT communication:

The UHF Transmitter for IRASIMET system is a baseband transmission in burst communication mode. It is provides minimum 5W-output power. The Unit must operates in the frequency range of 402.710 MHz  $\pm$  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 system should receive the GPS data. Both these data need to be transmitted to INCOIS as per the sampling strategies. The transmitted data is received in the HUB station. The unit operates with the voltage range of -10V to -30V DC. The detailed technicals of INSAT will be provided to successful bidder.

S.No	Parameter	Specifications
1	Data Transmission Interval	Every 1 minute (High sampling arte)
18	Protection	Power inputs shall be protected against surge, overvoltage, over-current, and reverse power as per IEC 61000-4 Class 4 level.

		Ethernet port shall have magnetic isolation, and TVS surge protection
19	Housing	Data logger and other equipments should be complaint to IP-65, Data logger casing shall be of Anodized aluminum
20	Standards	To meet applicable CE/National/International standards with necessary certifications
21	Outdoor operational conditions	Salt, pollutants and contaminants as encountered in harsh coastal weather conditions & industrial areas and Rain
22	Mounting and accessories	Data logger system and all IRASIMET system should be mounted properly.
23	Other Requirements	<ul style="list-style-type: none"> <li>➤ The Data logger should be able to send data as per INCOIS sampling strategies.</li> <li>➤ Interconnecting cables</li> <li>➤ Unit service availability in India</li> <li>➤ Display: Shall be provided</li> <li>➤ GPRS modem should have a provision to store the data in its internal buffer during an event of non-availability of signal. Whenever the signal strength is restored, such data should be transmitted through FTP.</li> <li>➤ User manual-2 sets of Hard and soft copies each</li> <li>➤ User friendly online/offline web-page based configuration shall be possible through both Ethernet and Wifi connection. Local data download via embedded webpage and USB/ethernet</li> <li>➤ It should have Over the Air Firmware Updating capability</li> <li>➤ It should be accessible by secured remote connection from Desktop &amp; Mobile App</li> <li>➤ The data logger must be capable of pushing logged and converted data files to three separate FTP servers.</li> <li>➤ The data logger must support email alerts for various functions such as tracking, power, reboots, logging, status, etc.</li> <li>➤ Training : Detailed training on data logger functionality and using of software.</li> </ul> <p>Note: The quoted data logger IRASIMET system should have been working for sea level measurement in the last 10 years in Indian waters. The vendor needs to submit the details of previous experience and installation reports and details should be independently verifiable.</p>
24	Proven data logger in Indian vessels measurement.	The quoted data logger model should have been working for sea level measurement in the last 10 years in Indian vessels/Indian waters. The vendor needs to submit the details of previous experience and installation reports and details should be independently verifiable.
25	Proven with INCOIS INSAT transmitters.	The quoted data logger model 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.

26	Power Budget: 1. Logger (Entire IRASIMET system)	Loggeralone: per day less than or equals to 1400mA All modules with communications: 5200mA (Enclose the power budget calculation sheet)
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#### 4) Comprehensive onsite Annual Maintenance Contract (CAMC)

Comprehensive onsite AMC for a period of three years and subsequently may be extended based on the annual performance reviews to be availed to all the components IRASIMET network i.e., Communication Interfaces and software. The major sensors/components part of IRASIMET is provided above.

- Transportation of spares/components either to vessel/ ship or to INCOIS with adequate transit insurance cover. The safe packing of sensors/ systems should be ensured before transportation.
- Quarterly visit to vessels for periodic maintenance and break down maintenance with in latest availability schedule of vessel at any Indian port and submit the service reports to INCOIS.
- Ensuring data quality and reception at INCOIS hub and at local display. Ensure quality assurance in the project by analyzing monthly sensor performance reports provided by INCOIS.
- Confidentiality and Non - Disclosure Agreement : The vendor shall keep confidential and shall not , without the written consent of INCOIS ,divulge to any third party any documents , data or other information furnished directly or indirectly .Here to in connection with the Contract , weather such information has been furnished prior to , during or following termination of the Contract.
- Submitting offline data downloaded from IRASIMET to INCOIS on quarterly basis and abiding to the time -to-time data sharing policy of INCOIS as mentioned in the above non-disclosure agreement.
- Inspecting the mast & support structures for corrosion / stability and providing certification for physical stability along with photographs in the quarterly service report .Yearly Painting / Replacement of masts to ensure safety of the structure.
- Following the health & safety protocols, wearing personal protective equipment as per the norms directed / followed at deputed site.
- Commissioning & decommissioning: Relocating the IRASIMET system in Cassette Ship is decommissioned or if there is an operational need for the same from INCOIS.
- The vendor needs to depute dedicated and qualified service personnel for the calibration and on-site maintenance of IRASIMET.
- The progress of the CAMC will be periodically reviewed. The vendor need to depute senior officials representing the organization for periodic project reviews at INCOIS.
- Any change requested by INCOIS which does not increase either the price or the schedule, shall be implemented.
- Vendor is responsible to keep cordial relationship with the ship owners/crews /agents.
- The vendor needs to keep the necessary spares and infrastructure to assure maximum uptime as per the quality of the service.
- The vendor needs to provide services on breakdown of IRASIMET immediately. If breakdown happens during sailing of vessel, maintenance of IRASIMET need to be done at next port of call in India. Meanwhile, vessels shall be contacted over mail and attempts shall be made to solve the problem remotely.
- The vendor should be in touch with the contact points from each ship to get the arrival and departure details of the ship.
- The vendor shall provide training for technical officials onboard ships for first level troubleshooting of IRASIMET.
- The vendor needs to provide reports to INCOIS by e-mail & letters, with format and scope specified mutually periodically.
- The vendor need to keep all the information related to the project confidential and shall not divulge any documents, data, or any information without written consent of INCOIS.
- Any up gradation (Hardware & Software)/ obsolete items on the IRASIMET need to be communicated with INCOIS in advance. Replacement / restorations to be extended on free of cost basis without creating data gap.
- The release of CAMC payment will be subject to submission of service reports endorsed by vessel authorities/site in-charge.
- The non functional sensor replaced on initial breakdown shall be returned to INCOIS. At the end of the contract, The vendor should hand over the fully operational system to INCOIS.



**5) Calibration of Sensors:**

- For all sensors other than radiation sensors, calibration should be carried out at least once in a year and for radiation sensors (SWR & L WR) can be calibrated once in two years.
- Calibration should be done either at Indian Meteorological Department (IMO) or an authorized institute in India or abroad which is agreeable to INCOIS.
- The payment towards calibration must be born by the vendor.
- Submission of calibration reports from OEM /calibrating agency is mandatory for the payments.
- All the calibration must be completed before completion of 3rd quarter from the date of commencement of CAMC order.
- If Sensor calibration of respective IRASIMET is not done before 3rd quarter, the vendor will loose the CAMC & Calibration payments/charges forever for the subsequent quarters for the respective IRASIMET. The payment of CAMC charges will be resumed only from the date of fitment of calibrated sensor in the respective IRASIMET.
- In case, if it is not possible to calibrate the sensors, the vendor should replace the respective sensor with similar or compatible make and model which has a valid calibration.
- Certification of calibration for each sensor should be produced to INCOIS as mentioned in the service level agreement. The replacement of calibrated sensors/systems in vessels should be carried out without creating data gap of not more than 48 hours. The vendor should keep enough quantity of spare IRASIMET Units to avoid data gaps.

**6) Placement of Engineer at INCOIS:**

- The Engineer Deputed should have excellent coordination skills
- Daily status report of IRASIME in log book and monthly report.
- Preventive maintenance reports , identifying the outstanding the issues, monitoring the quality of the data activities if his/her,
- \*Submission of Commissioning/De-Commissioning/ site inspection reports.
- \*Getting update of ETA ,ETD ,port of call ,dry dock period and tentative schedules through Vessel Management Cell(VMC)
- \*Co-ordination & monitoring with the his/her office service teams towards accomplishment of assigned tasks.
- \*Arranging review meetings to monitor the project progress.
- \*Coordination for police verification & island permits, Port entry pass arrangements for both technicians and materials.
- \*Testing of equipment at INCOIS/his/her office..
- \*Availing configuration of transmitter from INCOIS.
- \*Monitoring of data reception during installation and maintenance
- \*Coordination for NOC / Declaration / Permission letters for Maintenance and commissioning activities to port authorities /ICISF / Customs ,Coordination with IMD and other calibration agencies, Coordination for Material import / export,
- \*Tracking of missing items of IRASIMET (if any) at different sites , reporting to INCOIS and assisting investigation committees.
- Transportation of INSAT transmitters/ antenna to Indian OEM/INCOIS for repair & necessary coordination for repair services.

**7) Support from INCOIS**

- INCOIS will provide office space to host one engineer at INCOIS campus.
- INCOIS will provide computer for data acquisition and storage space.
- INCOIS will issue official letters for logistic arrangements & port clearances.
- INCOIS will define the checklists to monitor health of the instruments/sensors.
- INCOIS will provide monthly quality reports indicating sensor wise performance pertaining to IRASIMET .The proto col used for data quality check is available at (will be provided to successful bidders)
- INCOIS will be responsible for providing all relevant information and administrative support deemed necessary for execution of the contract.
- INCOIS would permit the visits by the vendor to vessels. If such visits are permitted, all the other arrangements for the visits are to be made by the vendor after contacting the local point of each ship.
- INCOIS will provide access for monitoring the real-time Data monitoring systems from IRASIMET to the engineer deputed at INCOIS.

- INCOIS will provide INSAT Antenna & transmitters for replacement of faulty communication systems and facilitate an initial training on integration of same with IRASIMET.

**8) Payment for CAMC:**

- CAMC and Placement of Engineer:
- Payment will be released on quarterly basis against submission of the invoice in triplicate (Original , Duplicate and Triplicate) and subject to satisfactory performance.
- The following documents are to be accompanied while submitting the quarterly invoice:
  - a. Joint Log Report for the quarter,
  - b. Attendance details of manpower deployed.
  - c. Tax payment copies as applicable.
  - d. Proof of back to back support from OEM (Wherever applicable)
- If Sensor calibration of respective IRASIMET is not done before 3<sup>rd</sup> quarter for the particular year , the vendor will loose the CAMC & Calibration payments/charges forever for the subsequent quarters for the respective IRASIMET system .The payment if CAMC charges will be resumed only from the date of fitment of calibrated sensor in the respective ASIEMT system.
- Net payment will be released after statutory deductions .No advance payment will be allowed and no other payment terms will be considered.

**9) IRASIMET Quality of Service &Penalty Clauses:**

**CAMC of IRASIMET system:**

- The vendor should ensure minimum 85% quality data available from each calibrated sensor of IRASIMET system subject to availability of good transmission means, dry dock, availability of vessel and gate passes at Indian port.The vendor is liable to pay to INCOIS for the losses of data if above projections are not met. In the absence of real time data , the offline data stored in the IRASIMET system will be considered for penalty calculations for the particular quarter and satisfactory services.
- The CAMC and placement of Engineer charges will be released on quarterly basis upon completion of each quarter within 15 working days upon production of Pre - Receipted Bill /Invoice ,service report ,log report and data for the quarter.
- No Payment / No Penalty for Dry dock (or) non availability of vessels beyond one quarter.
- The Penalty payable for non – satisfactory services as below.

Quality data Availability (%) from each IRASIMET system	Penalty payable to INCOIS
85-100	No penalty
70-85	10% CAMC charges/quarter
60-70	20% CAMC charges/quarter
50-60	30% CAMC charges/quarter
Below 50	90% CAMC charges/quarter

**10) Calibration of sensors:**

- If no calibration is done in the stipulated period , the subsequent CAMC charges will not be considered for release of payment.
- If Sensor calibration of respective IRASIMET is not done before 3<sup>rd</sup> quarter for the particular year ,the vendor will loose the CAMC payments/charges forever for the subsequent quarters for the respective IRASIMET system during the contract period .The payment of CAMC charges will be resumed only from the date of fitment of calibrated sensor in the respective IRASIMET system.

**11) Placement of Engineer at INCOIS:**

Engineer should attend on all working days of INCOIS. In case of the official's absences, replacement is to be arranged by the vendor. If the absence of the engineer is more than 10 days, the vendor will lose the payment for that particular month towards placement of engineer.

**12) Performance Guarantee:**

- The vendor has to submit amount of Rs.74.70Lakhs (Rupees Seventy-Four lakhs and Seventy Thousand only) towards Security Deposit by means of Demand Draft drawn in favor of Director ,INCOIS payable at Hyderabad or Bank Guarantee from any Nationalized/Scheduled Bank valid for the period of this contract plus 60 days.This deposit will be interest free and is refundable after the satisfactory execution of the contract and complete fulfillment of contractual obligations.
- Performance Deposit is liable to forfeiture in the event of a Non Execution of order during validity period of the contract
- If the service of the firm is found to be unsatisfactory and fails to adhere to our tender terms and conditions.
- Any unilateral revision made by the firm during the validity period of the contract.
- The vendor has to enter Service Level Agreement with INCOIS and the vendor should attend the office of Director, INCOIS, along with a non-judicial stamp paper for an amount of Rs.200/- within 15 days from the date of receipt of work order.
- Termination Clause: Director, INCOIS reserves the right to terminate the contract either whole or part of contract with one month notice. Director, INCOIS also reserve the right to alter the scope/or reduce quantum of work. DIRECTOR, INCOIS also reserves the right to extend the contract period on mutually agreed terms & conditions.

**14. Breakdown maintenance:** During any break down / not working, the vendor will attend emergency Breakdown calls at short notices. There will be no restriction on number of Breakdown Maintenance visits per month /year due to the critical nature of the network.

**Other Important conditions:**

- Availability of necessary spares all the time for smooth maintenance of the network.
- The selected vendor has to provide the list of Engineer In-Charge & Engineer details of the project to INCOIS for time to time coordination.

**15) List of Deliverables:**

S. No	Item description/ configuration	QTY( Nos)
1	Supply, Installation, Integration and Commissioning of 30 No. of Real Time Air Sea metrological systems (IRASIMET) systems with a one-year standard warranty and 3 year CAMC. (As per specifications)	30 umbers

**16) List of designated Sites:** 30 vessels which operates from Indian coasts. (The list will be provided to only successful bidders)

**17) Eligibility Criteria:** Only those bidders 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) 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.
- 4) Tenderer 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.11.95 Crores or above or two works each of value Rs.8.96 Crores or above or three works each of value Rs.5.97 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.
- 5) The quoted data logger should have been working with the INSAT system and 10yearsINSAT working experience should be provided.
- 6) The tenderer should provide a technical demonstration of one IRASIMET system 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.

- 7) The IRASIMET system should send the data in Real time to INCOIS, incase non availability of GPRS signals, it should switch over to INSAT. And in case of non-availability of INSAT signals, it should switch over to GPRS. The failure to provide these technical capabilities treated as technically disqualified and such bids will not be considered for further evaluation process.
- 8) The IRASIMET system and its real time system, should work 15 days without interruption of data to INCOIS in absence of ship power supply. The same will be verified during the technical demonstration at INCOIS, Hyderabad.
- 9) All the parameters of IRASIMET systems are to be displayed in the vessels wheel house for navigation purpose.
- 10) The tenderer should have an average annual financial turnover of Rs.7,47,00,000/- (Rupees Seven Crores and Forty-Seven Lakhs only)-or more during the last three years ending March 31, 2025. Proof of turnover and Proof of annual profit certificate issued by the chartered accountant to be submitted.
- 11) Tenderer should provide list of clients and their contact details and the installation/commissioning reports.
- 12) The bidder should provide the user list along with a minimum of 5 years' experience certificates along with the contact details from Government Institute or Central / State Universities
- 13) 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.
- 14) 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.
- 15) Each SI/bidder is allowed to bid directly or through single OEM for this tender. Manufacturer Authorization Form (MAF) for each IRASIMET instruments and logger from OEM with specific reference to this tender is must and mandatory. It should be obtained and to be attached.
- 16) 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.
- 17) Earnest Money Deposit (EMD): As per clause 6 of the General Terms and Conditions under section 19.
- 18) Escalation matrix with full contact details, for the resolution of reported issues during contract period.
- 19) **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.
- 20) 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 19 of General terms and conditions) will be summarily rejected and no further communication in this regard will be entertained.

- 18) **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 all the information as listed below without which the offer will not be considered further.

**NOTE:**

- Technical bid should contain filled-in Table-1 and Table-2 along with legible documentary proof, without which the offer will not be considered further.

- 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:  (Note: Bank Details provided cannot be changed during Contract, unless special request from the company)																			
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.)																			
8.	The bidder should provide profile of their company including its infrastructure, technical manpower and their expertise.																			
9.	Product catalogues / data sheets of the items offered. Make and model for the line items to be submitted.																			
10.	The quoted data logger should have been working with the INSAT system and 10yearsINSAT working experience should be provided																			
11.	The tenderer should have an average annual financial turnover of Rs.7.47 Cr or more during the last three years ending March 31, 2025. Proof of turnover and Proof of annual profit certificate issued by the chartered accountant to be submitted <table><tr><th>Financial year</th><th>Details of Turnover</th><th>Details of Profit</th><th>Details of Net worth</th></tr><tr><td>2024-25</td><td></td><td></td><td></td></tr><tr><td>2023-24</td><td></td><td></td><td></td></tr><tr><td>2022-23</td><td></td><td></td><td></td></tr></table>	Financial year	Details of Turnover	Details of Profit	Details of Net worth	2024-25				2023-24				2022-23						
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	<p>online Bid. Out of which one work of value Rs.11.95 Cr or above or two works each of value Rs.8.96 Cr or above or three works each of value Rs.5.97 Cr 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> <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> <tr> <td></td><td></td><td></td><td></td><td></td></tr> </table>	Sl. No.	Contract Order details	Scope of work	Period of contract	Contract Value								
Sl. No.	Contract Order details	Scope of work	Period of contract	Contract Value										
13.	The tenderer should provide a technical demonstration of one IRASIMET system 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													
14.	The IRASIMET system should send the data in Real time to INCOIS, incase non availability of GPRS signals, it should switch over to INSAT. And in case of non-availability of INSAT signals, it should switch over to GPRS. The failure to provide these technical capabilities treated as technically disqualified and such bids will not be considered for further evaluation process.													
15.	Bidder should provide list of clients and their contact details and the installation/commissioning reports.													
16.	The IRASIMET system and its real time system, should work 15 days without interruption of data to INCOIS in absence of ship power supply. The same will be verified during the technical demonstration at INCOIS, Hyderabad													
17.	All the parameters of IRASIMET systems are to be displayed in the vessels wheel house for navigation purpose													
18.	The bidder should provide the user list along with a minimum of 5 years' experience certificates along with the contact details from Government Institute or Central / State Universities													
19.	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.													
20.	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.													
21.	Each SI/bidder is allowed to bid directly or through													

	single OEM for this tender. Manufacturer Authorization Form (MAF) for each IRASIMET instruments and logger from OEM with specific reference to this tender is must and mandatory. It should be obtained and to be attached			
22.	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.			
23.	Earnest Money Deposit (EMD) : As per clause 6 of the General Terms and Conditions under section 19.			
24.	The Bidder should provide solvency certificate from their bank confirming their assets and liabilities for proving financial credibility			
25.	Pre Contract Integrity Pact as per (Annexure 3)			
26.	Escalation matrix with full contact details, for the resolution of reported issues during contract period.			
27.	<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.			
28.	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			

**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>
a)	Supply, Installation, Integration and Commissioning of 30 No. of Real Time Air Sea metrological systems (IRASIMET) systems with a one-year standard warranty	30 Numbers	
b)	CAMC for 30 Nos	3 Years	
c)	De-commissioning charges	1 No	
d)	Commissioning charges	1 No	

**19) 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.	<b>* Acceptance of the order:</b> 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 15 days, then PO would be deemed as accepted and binding to the successful bidder.
3.	<b>Delivery Period :</b> Within 45 days from the date of acceptance of the material
4.	<b>Warranty Period:</b> 1 year warranty and 3 years CAMC from the date of installation, commissioning & acceptance of the systems
5.	<p><b>Payment terms:</b></p> <p><b>Material Component:</b></p> <ul style="list-style-type: none"> <li>60 % payment will be released within 30 days upon supply and acceptance of materials at INCOIS, Hyderabad along with original Ink signed commercial invoice and warranty undertaking.</li> <li>30% payment will be released on prorata basis upon completion of, Installation, Integration and Commissioning Systems at each designated vessels and transportation of instruments to INCOIS along with 10 days continuous satisfactory real time data transmission receipt at INCOIS.</li> <li>10% will be paid after successful completion of warranty period or against submission of advance bank guarantee from a nationalized/scheduled bank for the like amount valid for a period of 01 year 02 months</li> </ul> <p><b>Service Component:</b></p> <ul style="list-style-type: none"> <li>CAMC and Placement of Engineer:</li> <li>Payment will be released on quarterly basis against submission of the Ink Signed invoice in triplicate (Original, Duplicate and Triplicate) and subject to satisfactory performance.</li> <li>The following documents are to be accompanied while submitting the quarterly invoice: <ul style="list-style-type: none"> <li>a. Joint Log Report for the quarter,</li> <li>b. Attendance details of manpower deployed.</li> <li>c. Tax payment copies as applicable.</li> <li>d. Proof of back to back support from OEM (Wherever applicable)</li> </ul> </li> <li>If Sensor calibration of respective IRASIMET is not done before 3<sup>rd</sup> quarter for the particular year , the vendor will loose the CAMC &amp; Calibration payments/charges forever for the subsequent quarters for the respective IRASIMET system .The payment if CAMC charges will be resumed only from the date of fitment of calibrated sensor in the respective ASIEMT system.</li> </ul> <p><i>Net payment will be released after statutory deductions. No advance payment will be allowed, and noother payment terms will be considered.</i></p>
6.	<b>Earnest Money Deposit (EMD):</b> Rs.29,88,000/- (Rupees twenty nine lakh eighty eight thousand 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><i>The original DDs/ Financial Instruments if any should reach to INCOIS on or before 14:00 Hrs of 27/01/2026 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><b>Penalty Clause:</b></p> <p>Successful bidder should make sure that the reported issues are to be attended immediately and should be resolved within 72hrs (3-Days) from the time of call reporting from INCOIS. If any Software / Hardware system/peripheral fails and not replaced with similar/higher configuration system/peripheral of same make and duly accepted by INCOIS with-in 72hrs from the time of reporting, it will be considered as an Instance.</p> <p>During the warranty period of 1 year, three such instances will attract a penalty of 10% of Performance Guarantee (PG) value. More than three such occasions will lead to forfeiture of total PG amount. If the successful bidder fails to resolve the reported issues with-in 72hrs, INCOIS will take up alternative measures for resolving the issues at the risk and cost of the successful bidder. And this step of INCOIS should not have any implications on the already agreed support for the systems / peripherals provided.</p>		
8.	<p>The Pre-Contract Integrity Pact enclosed at <b>Annexure- 3</b> has to be signed and attached/uploaded by all the participating bidders as pre-qualification.</p> <p>However, the successful bidder has to sign the Integrity pact as per Annexure 3 on Rs. 200/- Indian non-judicial stamp paper before award of the contract. The integrity pact will be monitored by following IEMS's:</p> <p>Independent External Monitors (IEMs):</p> <table border="0"> <tr> <td>Shri Ajay Kumar Lal, IRSO, Block 3A/101 A, Motia Khan (Near Jhandewalan Temple), D.B. Gupta Road, New Delhi-110015 (Email:ajay_k_lal@yahoo.com,</td> <td>Shri Pavan Kumar Jain, DG (MES), A-402, Shree Ganesh Apartments, Plot No. 12B, Sector-7 Dwarka, New Delhi-110075 (Email : <a href="mailto:mespkj@gmail.com">mespkj@gmail.com</a>,</td> </tr> </table>	Shri Ajay Kumar Lal, IRSO, Block 3A/101 A, Motia Khan (Near Jhandewalan Temple), D.B. Gupta Road, New Delhi-110015 (Email:ajay_k_lal@yahoo.com,	Shri Pavan Kumar Jain, DG (MES), A-402, Shree Ganesh Apartments, Plot No. 12B, Sector-7 Dwarka, New Delhi-110075 (Email : <a href="mailto:mespkj@gmail.com">mespkj@gmail.com</a> ,
Shri Ajay Kumar Lal, IRSO, Block 3A/101 A, Motia Khan (Near Jhandewalan Temple), D.B. Gupta Road, New Delhi-110015 (Email:ajay_k_lal@yahoo.com,	Shri Pavan Kumar Jain, DG (MES), A-402, Shree Ganesh Apartments, Plot No. 12B, Sector-7 Dwarka, New Delhi-110075 (Email : <a href="mailto:mespkj@gmail.com">mespkj@gmail.com</a> ,		
9.	<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. 08.02.2021inserting Rule 144 (xi) in GFR 2017.</p>		
10.	<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>		
11.	<p><b>Performance 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>		

12.	Performance Deposit is liable to forfeiture in the event of : a. Non Execution order during validity period of the contract b. If the service of the successful bidder is found to be unsatisfactory and fails to adhere to our tender terms and conditions. c. Any unilateral revision made by the successful bidder during the validity period of the contract.
13.	GST: 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.
14.	Successful bidder has to submit the Service level Agreement in prescribed format on Indian non-judicial stamp paper worth Rs.200/- duly signed by authorized signatory within 30 days of receipt of order.
15.	Please note that any falsification/suppression of information could lead to the disqualification.
16.	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.
17.	Tenders not in complete shape or not conforming to technical specifications or not conforming 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.
18.	Before submitting the bid Bidders are advised to inspect the site of works and its environments and be well acquainted with actual working conditions, approach to site of work, surroundings of the Site of work and other prevailing conditions, position of materials and labor. The Tender(s) shall be well acquainted with the General and Special conditions of Contract and specifications and all other documents which form part of the Agreement. Any misunderstandings of the conditions/rules/ regulations/specifications shall not entitle the Bidder(s) contractor(s) for any sort of compensation
19.	Proof for fulfilment of eligibility criteria mentioned above should be submitted along with the tender. 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
20.	Any deviations technically or commercially should be clearly indicated in the Technical bid offer only.
21.	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
22.	Before submitting the bids Bidders are advised to inspect the site of works and its environments and be well acquainted with actual working conditions, approach to site of work, surroundings of the Site of work and other prevailing conditions, position of materials and labour. The Tender(s) shall be well acquainted with the General and Special conditions of Contract and specifications and all other documents which form part of the Agreement. Any misunderstandings of the conditions/rules/ regulations/specifications shall not entitle the Bidders(s) contractor(s) for any sort of compensation
23.	The Contractor shall ensure safety and security of all workforce employed for this work and equipment provided by him under the Contractor until all the works entrusted are completed in all respects and taken over by INCOIS. In the event of damages except under force majeure clause ie., fire, wind, rain, floods or through any hazards, pilferage, other natural calamities etc., the Contractor shall make good the damaged works and restore the same to the original condition without any additional cost.

24.	<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> <p>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.</p> <p>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</p> <p>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.</p> <p>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,</p> <p>e) To forfeit the security deposit full or in part at the discretion of Director, INCOIS.</p>
25.	<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>
26.	<p>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.</p>
27.	<p>The bidder shall sign and upload the Bids with the exact name and address of the firm, which is bidding for the tendered requirement.</p>
28.	<p>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.</p>
29.	<p>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.</p>
30.	<p>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.</p>
31.	<p>Canvassing in connection with tender is strictly prohibited and any canvassing will render the bid of such Bidders ineligible.</p>
32.	<p>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.</p>
33.	<p>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.</p>

**15. 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 16, 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, Installation, Integration and Commissioning of 30 No. of Real Time Air Sea metrological systems (IRASIMET) systems with a one-year standard warranty and 3 year CAMC"

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, Installation,  
Integration and Commissioning of 30 No. of Real Time Air Sea metrological systems (IRASIMET) systems  
with a one-year standard warranty and 3 year CAMC"**

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: 27/2025 date 05.01.2026 "Supply, Installation, Integration and Commissioning of 30 No. of Real Time Air Sea metrological systems (IRASIMET) systems with a one-year standard warranty and 3 year CAMC"

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

## **General**

This pre-bid pre-contract Agreement (hereinafter called the Integrity Pact) is made on ..... day of the ..... month of 2026, 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, Installation, Integration and Commissioning of 30 No. of Real Time Air Sea metrological systems (IRASIMET) systems with a one-year standard warranty and 3 year CAMC "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 guarantee 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 upto 9 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):

Shri Ajay Kumar Lal, IRSO, HIG, Block 3A/101 A,  
Motia Khan (Near Jhandewalan Temple), D.B.

Shri Pavan Kumar Jain, DG (MES), A-402, Shree  
Ganesh Apartments, Plot No. 12B, Sector-7 Dwarka,

(Email:ajay\_k\_lal@yahoo.com,

(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.