



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

इंकॉइस: क्रय: 73/2024

Ref. INCOIS: PUR: 73/2024

दिनांक: 09.05.2025

Date: 09.05.2025

**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)	“वीएसएटी और सौर प्रणाली (A & N द्वीपों पर 42 संख्या) की व्यापक वार्षिक रखरखाव अनुबंध (CAMC) और इसके उपग्रह बैंडविड्थ और MPLS कनेक्टिविटी आदि की सेवाएं पांच वर्षों की अवधि के लिए और (B) ए एंड एन द्वीपों पर सौर पैनल और इसके सहायक उपकरणों की आपूर्ति और स्थापना के साथ 5 वर्षों की ऑनसाइट मानक वारंटी।” “Comprehensive Annual Maintenance Contract (CAMC) of VSAT & Solar system (42 nos. at A & N Islands) and its services of Satellite Bandwidth & MPLS connectivity etc. for a period of FIVE Years and (B) Supply and installation of Solar Panel and its accessories along with 5 Years onsite Standard Warranty at A & N Islands.”	इंकॉइस: क्रय: 73/2024 INCOIS: PUR: 73/2024	जीईएम/2025/बी/6216701 दिनांक: 09 05 2025 GEM/2025/B/6216701 dated 09.05.2025	30.05.2025 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).



*D. Prasad*  
(V. Subrahmanyam)

(प्रशासनिक अधिकारी (क्रय)/ Administrative Officer (Purchase)  
निविदा आमंत्रण प्राधिकारी, इंकॉइस/  
Tender Inviting Authority, INCOIS

**Bid Document/ बिड दस्तावेज़**

<b>Bid Details/बिड विवरण</b>	
<b>Bid End Date/Time/बिड बंद होने की तारीख/समय</b>	30-05-2025 17:00:00
<b>Bid Opening Date/Time/बिड खुलने की तारीख/समय</b>	30-05-2025 17:30:00
<b>Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)</b>	90 (Days)
<b>Ministry/State Name/मंत्रालय/राज्य का नाम</b>	Ministry Of Earth Sciences
<b>Department Name/विभाग का नाम</b>	Department Of Earth Sciences
<b>Organisation Name/संगठन का नाम</b>	Earth Sciences Secretariate
<b>Office Name/कार्यालय का नाम</b>	Indian National Centre For Ocean Information Servi
<b>क्रैता ईमेल/Buyer Email</b>	manyam@incois.gov.in
<b>Total Quantity/कुल मात्रा</b>	341
<b>Item Category/मद कैटेगरी</b>	CAMC 1st year 1 , CAMC 2nd Year 2 , CAMC 3rd Year 3 , CAMC 4th Year 4 , CAMC 5th Year 5 , CAMC 1st year 6 , CAMC 2nd year 7 , CAMC 3rd year 8 , CAMC 4th year 9 , CAMC 5th year 10 , CAMC 1st year 11 , CAMC 2nd year 12 , CAMC 3rd year 13 , CAMC 4th year 14 , CAMC 5th year 15 , CAMC of VSAT 16 , off grid 17 , Gel Batteries 18 , Poly crystalline 19 , Poly crystalline 20 , Data Isolator 21 , Switch 22 , Shifting of VSAT 23 , Transportation Ship 24 , Transportation Road 25 , Shifting of VSAT 26 , Earthing 27 , NMS Tool 28 , Bush Cleaning 29 , Less Buyback 30
<b>GeMARPTS में खोजी गई स्ट्रिंग / Searched Strings used in GeMARPTS</b>	VSAT Accessories, CAMC of VSAT stations, Supply of Solar Panel accessories

Bid Details/बिड विवरण	
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	<p><b>Searched String:</b> VSAT Accessories</p> <p>Prism - Surveying Accessories (V1), Waste Containers and Accessories - Domestic (V2), Panchakarma Accessories, Womaniya Office Accessories, trolleys or accessories, Bipod - Surveying Accessories, Tribrach - Surveying Accessories, Accessories for Smoke Evacuation System, modular electrical enclosure switch board boxes for modular type accessories, Swing Chairs &amp; Accessories-Handicraft</p> <p><b>Searched String:</b> CAMC of VSAT stations</p> <p>Spares for Coal Mills of Thermal Power Stations, Modular Work Stations (V2)</p> <p><b>Searched String:</b> Supply of Solar Panel accessories</p> <p>Solar Photovoltaic Modules / Panels - Crystalline silicon terrestrial, Power Generator - DG Set (up to 900 KVA), Solar Photovoltaic Modules / Panels - Thin Film Terrestrial, Off - Grid Solar Photovoltaic (PV) Power Plant (V2), Sweeping Broom (V3), Package No 4 - Atal Tinkering Lab of Niti Aayog Power Supply and Accessories and Safety Equipment, Servo Control Drive - Servo Motor Operated LVC as per IS 9815 (Part 1), Womaniya Office Accessories, Cleaning Duster (V3), Polyethylene Pipes For The Supply Of Gaseous Fuels (V2) As Per Is 14885</p>
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	<ul style="list-style-type: none"> <li>• Isolation Equipment</li> <li>• Wireless Access Point (V2)</li> <li>• Solar Cells</li> </ul>
BOQ Title/बीओक्यू शीर्षक	CAMC of VSAT and Solar System and supply and installation of VSAT and Solar equipment
Minimum Average Annual Turnover of the bidder (For 3 Years)/बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का)	199 Lakh (s)
Years of Past Experience Required for same/similar service/उन्हीं/समान सेवाओं के लिए अपेक्षित विगत अनुभव के वर्ष	3 Year (s)
MSE Exemption for Turnover/टर्नओवर के लिए एमएसई को छूट प्राप्त है	Yes
Startup Exemption for Turnover/ टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है	Yes
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	<p>Experience Criteria,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,Compliance of BoQ specification and supporting document</p> <p>*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</p>
Do you want to show documents uploaded by bidders to all bidders participated in bid?/	No

Bid Details/बिड विवरण	
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
Type of Bid/बिड का प्रकार	Two Packet Bid
Primary product category	CAMC 1st year 1
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	11 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation
Financial Document Required/वित्तीय दस्तावेज की आवश्यकता है।	Yes
Arbitration Clause	No
Mediation Clause	No

#### EMD Detail/ईएमडी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
EMD Amount/ईएमडी राशि	790000

#### ePBG Detail/ईपीबीजी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)	5.00
Duration of ePBG required (Months) / ईपीबीजी की अपेक्षित अवधि (महीने).	62

(a). 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./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित कैटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज 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।

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

#### Beneficiary/लाभार्थी :

DIRECTOR

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

**MII Purchase Preference/एमआईआई खरीद वरीयता**

MII Purchase Preference/एमआईआई खरीद वरीयता

Yes

**MSE Purchase Preference/एमएसई खरीद वरीयता**

MSE Purchase Preference/एमएसई खरीद वरीयता

Yes

1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.

2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to their meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.

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 QM 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.

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

PRICE BID - 1746785173.xlsx

**Pre Bid Detail(s)**

Pre-Bid Date and Time	Pre-Bid Venue
23-05-2025 11:00:00	INCOIS, HYDERABAD

**CAMC 1st Year 1**

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

**Technical Specifications/तकनीकी विशिष्टियाँ**

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.

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

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोटिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Reddipalli Velangini Girdhar	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	365

### CAMC 2nd Year 2

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

#### Technical Specifications/तकनीकी विशिष्टियाँ

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.

### Consignees/Reporting Officer/परेषिती/रिपोटिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोटिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Reddipalli Velangini Girdhar	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	365

### CAMC 3rd Year 3

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

#### Technical Specifications/तकनीकी विशिष्टियाँ

Specification Document	<a href="#">View File</a>
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**BOQ Detail Document**[View File](#)

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

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

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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	365

**CAMC 4th Year 4**

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

**Technical Specifications/तकनीकी विशिष्टियाँ****Specification Document**[View File](#)**BOQ Detail Document**[View File](#)

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

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

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोटिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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	365

#### CAMC 5th Year 5

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

#### Technical Specifications/तकनीकी विशिष्टियाँ

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.

#### Consignees/Reporting Officer/परेषिती/रिपोटिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोटिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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	365

#### CAMC 1st Year 6

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

#### Technical Specifications/तकनीकी विशिष्टियाँ

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

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

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Reddipalli Velangini Girdhar	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	365

### CAMC 2nd Year 7

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

**Technical Specifications/तकनीकी विशिष्टियाँ**

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BOQ Detail Document

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

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

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन

S.No./क्र. सं.	Consignee Reporting/Officer/प्रेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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	365

### CAMC 3rd Year 8

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

#### Technical Specifications/तकनीकी विशिष्टियाँ

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.

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

S.No./क्र. सं.	Consignee Reporting/Officer/प्रेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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	365

### CAMC 4th Year 9

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

#### Technical Specifications/तकनीकी विशिष्टियाँ

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**BOQ Detail Document**[View File](#)

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

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

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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	365

**CAMC 5th Year 10**

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

**Technical Specifications/तकनीकी विशिष्टियाँ**

**Specification Document**[View File](#)**BOQ Detail Document**[View File](#)

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

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

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोटिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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	365

### CAMC 1st Year 11

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

#### Technical Specifications/तकनीकी विशिष्टियाँ

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

### Consignees/Reporting Officer/परेषिती/रिपोटिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोटिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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	365

### CAMC 2nd Year 12

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

#### Technical Specifications/तकनीकी विशिष्टियाँ

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

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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	365

### CAMC 3rd Year 13

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

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

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

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन

S.No./क्र. सं.	Consignee Reporting/Officer/परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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	365

#### CAMC 4th Year 14

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

#### Technical Specifications/तकनीकी विशिष्टियाँ

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

S.No./क्र. सं.	Consignee Reporting/Officer/परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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	365

#### CAMC 5th Year 15

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

#### Technical Specifications/तकनीकी विशिष्टियाँ

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

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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	365

#### CAMC OF VSAT 16

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

**Technical Specifications/तकनीकी विशिष्टियाँ**

Specification Document

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

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन



S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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	42	365

### Off Grid 17

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

### Technical Specifications/तकनीकी विशिष्टियाँ

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

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

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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	42	365

### Gel Batteries 18

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

### Technical Specifications/तकनीकी विशिष्टियाँ

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**BOQ Detail Document**[View File](#)

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

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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	42	90

**Poly Crystalline 19**

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

**Technical Specifications/तकनीकी विशिष्टियाँ****Specification Document**[View File](#)**BOQ Detail Document**[View File](#)

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

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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	26	90

### Poly Crystalline 20

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

#### Technical Specifications/तकनीकी विशिष्टियाँ

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

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

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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	20	90

### Data Isolator 21

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

#### Technical Specifications/तकनीकी विशिष्टियाँ

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

S.No./क्र. सं.	Consignee Reporting/Officer/प्रेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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	42	90

**Switch 22**

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

**Technical Specifications/तकनीकी विशिष्टियाँ****Specification Document**[View File](#)**BOQ Detail Document**[View File](#)

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

S.No./क्र. सं.	Consignee Reporting/Officer/प्रेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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S.No./क्र. सं.	Consignee Reporting/Officer/प्रेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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	42	90

### Shifting Of VSAT 23

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

### Technical Specifications/तकनीकी विशिष्टियाँ

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.

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

S.No./क्र. सं.	Consignee Reporting/Officer/प्रेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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	25	180

### Transportation Ship 24

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

### Technical Specifications/तकनीकी विशिष्टियाँ

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

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

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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	2	180

#### Transportation Road 25

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

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

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

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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	2	180

### Shifting Of VSAT 26

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

#### Technical Specifications/तकनीकी विशिष्टियाँ

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.

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

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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	2	180

### Earthing 27

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

#### Technical Specifications/तकनीकी विशिष्टियाँ

Specification Document	<a href="#">View File</a>
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[BOQ Detail Document](#)[View File](#)

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

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

S.No./क्र. सं.	Consignee Reporting/Officer/प्रेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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	2	180

#### NMS Tool 28

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

**Technical Specifications/तकनीकी विशिष्टियाँ**

[Specification Document](#)[View File](#)[BOQ Detail Document](#)[View File](#)

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

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

S.No./क्र. सं.	Consignee Reporting/Officer/प्रेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन



S.No./क्र. सं.	Consignee Reporting/Officer/परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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	90

### Bush Cleaning 29

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

### Technical Specifications/तकनीकी विशिष्टियाँ

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

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

S.No./क्र. सं.	Consignee Reporting/Officer/परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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	35	180

### Less Buyback 30

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

### Technical Specifications/तकनीकी विशिष्टियाँ

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

S.No./क्र. सं.	Consignee Reporting/Officer/प्रेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
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	90

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

**1. Generic**

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

**2. Service & Support**

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

**3. Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

**(A) Comprehensive Annual Maintenance Contract (CAMC) of VSAT & Solar system (42 nos. at A&N Islands) and its services of Satellite Bandwidth & MPLS connectivity etc. for a period of FIVE Years**

**(B) Supply and installation of Solar Panel and its accessories along with 5 Years Onsite Standard Warranty at A&N Islands.**

#### **PAYMENT TERMS:**

Component: 90% will be released within 30 days after supply & acceptance of material, and successful completion of Installation, Commissioning along with Ink signed Invoice and balance 10% will be released after successful completion of One year standard or on submission of advance BG for the said amount and period

Service Component: CAMC charges shall be paid for each completed maintenance period on a half-year basis upon submission of Ink Signed Invoice in original along with maintenance / call log / service reports and subject to satisfactory performance of the system.

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

#### **PRE BID MEETING**

INCOIS has made every effort to bring out the requirements to facilitate the Firms to make their proposals. However, keeping in view that Firms may have clarifications on certain points in this Document before submitting their Proposal, a Pre-bid meeting will be held at INCOIS, Hyderabad on **May 23, 2025 at 11 00 hrs**. During the pre-bid meet, a brief presentation will be done by INCOIS on the Bid requirement. All the clarifications will be consolidated and clarified to the vendors during the pre-bid meet and addendum/corrigendum will be added in the tender INCOIS Web site and GeM Portal (if required only). Vendor will be given another reasonable sufficient time to submit their technical and financial quote.

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

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

#### **Disclaimer/अस्वीकरण**

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 are mandated to ensure compliance with all the applicable laws / acts / rules including but not limited to all Labour Laws 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. Any non-compliance will be treated as breach of contract and Buyer may take suitable actions as per GeM Contract.**

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

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./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।

**---Thank You/धन्यवाद---**

इंकोइस: पी यू आर : 73/2024  
INCOIS: PUR: 73/2024

दिनांक: 09.05.2025  
Date: 09.05.2025

**Request for Proposal of (A) "Comprehensive Annual Maintenance Contract (CAMC) of VSAT & Solar system (42 nos. at A & N Islands) and its services of Satellite Bandwidth & MPLS connectivity etc. for a period of FIVE Years and (B) Supply and installation of Solar Panel and its accessories along with 5 Years onsite Standard Warranty at A & N Islands."**

Dear Sirs,

On behalf of Director, INCOIS tenders are invited in "Two Bid System" (Techno Commercial Bid) from Contractors with appropriate registration having adequate resources and setup and dealing with the maintenance of equipment/supplying V-SAT, Solar material like "V-SAT Solar Panels, Hybrid Charge Controller, Battery, NMS tool equipment and services of satellite bandwidth MPLS links ". 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	:	(A) Comprehensive Annual Maintenance Contract (CAMC) of VSAT & Solar system (42 nos. at A&N Islands) and its services of Satellite Bandwidth & MPLS connectivity etc. for a period of FIVE Years (B) Supply and installation of Solar Panel and its accessories along with 5 Years Onsite Standard Warranty at A&N Islands.
2.	BID Reference No.	:	INCOIS: PUR: 73/2024
3.	Submission of Bid	:	Please note that the subject tender has to be submitted online via Government E Marketplace at <a href="http://gem.gov.in">http://gem.gov.in</a>
4.	Earnest Money Deposit (EMD)	:	Rs.7, 90,000/- (Rupees Seven Lakhs ninety thousand only) as per clause 9 of the General Terms and Conditions under section 8.
5.	Last date for seeking the clarifications	:	On or before 0900Hrs of May 20 2025
6.	Pre-Bid Meeting	:	May 23, 2025 at 11 00 hrs
7.	Bid submission due date online	:	On or before 17 00 Hrs of May 30, 2025
8.	Bid opening date	:	After 17 30 Hrs of May 30, 2025
9.	Contract period	:	For a period of 05 years from the date of Acceptance of Material.
10.	Acceptance of the Order by the successful bidder upon AOC	:	Within 10 days from the date of issue of the PO/Order.

Being a GeM procurement, the bid must 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 2388 6022)/Mr. Dasari Prasad (email: [dasari.prasad@incois.gov.in](mailto:dasari.prasad@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**

- 1.1. 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.
- 1.2. INCOIS has an operational VSAT network with 42 VSAT terminals installed at A&N islands. Under the project, the Seismic and GPS observatories spread across the A&N islands have been integrated through VSAT communication (shared hub) to the data centers at Indian National Centre for Ocean Information Services (INCOIS), Hyderabad (through MPLS Links) for receiving real-time continuous ground motion data from these observatories to meet the operational activities of INCOIS.
- 1.3. All VSAT equipment (Model: Sky Edge II-C Gemini, Make: M/s Gilat) were supplied and installed during 2021-22 and is presently covered under Comprehensive AMC. Presently, the shared hub service provider (M/s Nelco, Mumbai) is receiving data from 42 observatories and is being re-transmitted simultaneously to the INCOIS, Hyderabad through 4Mbps terrestrial MPLS connectivity (in redundancy). The existing MPLS connectivity is with M/s Airtel Ltd. and the redundant MPLS link is with M/s Tata communications Ltd. The existing VSAT equipment list at the sites as per Annexure-I-C. The network flow diagram is given in Annexure-I-D.

**2. Eligibility Criteria:**

- 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).
- The bidder must provide profile of their company, its infrastructure, on-roll technical manpower and their expertise. (Details of "Escalation matrix" with full contact details for the resolution of reported issues during Warranty period to be submitted).
- The bidder should have their service / support centre along with on-roll support teams in India. (Proof of having service / support centre in India is to be submitted)
- The bidder should have an average annual financial turnover of Rs. 1.99 Cr or more during the last three years ending March 31, 2024. (Proof of turnover issued and duly attested by the chartered accountant to

be submitted.)

- Tenderers should have competence and adequate work experience in maintenance of VSAT stations equipped with solar power systems (especially in Island locations) and should submit the documentary evidence for the same along with details of past experience.
- The bidder should have past-experience in executing similar nature of works of similar volume in last three years ending previous day of last date of submission of the online Bid. Out of which one work of value Rs. 3.18 Cr or above OR two works of value Rs. 2.39 Cr each OR three works of value Rs.1.59 Cr each. (Last three years copies of POs and Work completion certificate from clients to be attached).
- Tenderer should provide MAF from OEM i.e., M/s Gilat satellite Networks, India with specific reference to this tender to support INCOIS VSAT station for the period of 05 years.
- Earnest Money Deposit (EMD): As per Claus 9 of Section 8, A bid securing declaration to be submitted on the bidding firm's letter head duly signed and stamped by the authorized signatory as per Annexure -I (Proof for submission of EMD / Details based on which EMD exemption is claimed is to be submitted)
- Startups: 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 "startup" company should submit 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)

**Note:** Offers received without proof of the eligibility criteria will not be considered for further evaluation. No further communication in this regard will be entertained.

### 3. Scope of Work:

The Scope of work under this tender includes the following: -

- 3.1. Supply, Installation and Commissioning of Solar Panels (480Wp & 330Wp), off grid hybrid charge controller, Batteries, Ethernet switch, Ethernet data isolators **Annexure – I ( A )**.
- 3.2. Warranty / CAMC of VSAT station, VSAT connectivity, MPLS link connectivity, Solar Power system (Solar panel, off grid hybrid charge controller, batteries, interconnecting cables, connectors) etc as per the details attached at **Annexure – I ( B )**.
- 3.3. Providing Satellite bandwidth Ext-C band and Hub service (shared hub supporting Sky Edge II-C Gemini, make : M/s Gilat baseband)) to support 42 VSAT in closed user group (CUG) with total bandwidth of 1300 Kbps (inbound plus out bound)  
*NOTE: Certain stations might undergo an augmentation by adding Tsunami Sirens and the additional band-width requirement, if any for these additions will be borne by the Andaman & Nicobar Administration & subsequent order will be released by the A&N administration to the short-listed vendor directly on the price being finalized in this tender. The tsunami siren flow diagram is depicted in Annexure-II-A and the sirens stations list in Annexure-II-B.*
- 3.4. Sharing of data from shared hub to INCOIS by using the existing 02 Nos. of 4 Mbps MPLS links from M/s Airtel & M/s Tata Communications Limited in redundant mode.
- 3.5. Installation, Dismantling, Relocation of VSAT Terminals.
- 3.6. Buyback of old/obsolete items.

### 4. Technical Specifications (for items to be supplied along with 5 Year onsite standard warranty):

a. Ethernet Switch Specifications	
Ethernet	10BASE-T/100BASE-TX
Ports	8 port Ethernet Switch
Compatible with	IEEE 802.3, 802.3u
Reliability	MTBF better than 100,000 hours (25°C)
Temperature	Operating 0 deg C to +50 deg C
Power	12/24/48VDC (9.6~60VDC) Redundant Dual Power Input
Certification	CE, FCC.

b. Ethernet Data Isolator	
Ethernet	10BASE-T/100BASE-TX
Approvals	As per International/National Standards
Isolation	4kV
MTBF	> 100,000 hours

Connectors	RJ-45(straight CAT -6)
LAN cables (RJ-45)	2 Nos - (2m & 5m each 1 no))

<b>c. Chemical Earthing (For new locations / for re-location)</b>	
Earth resistance	less than 2.5 Ohm
Earth and neutral voltage	less than 2V

**d. PERC Solar panel & Mounting structure specifications:**

- PERC Poly crystalline Solar Module 12V, 480Wp capacity (with complete mounting structure for installation)
- PERC Poly crystalline Solar Module 12V, 165Wp capacity (with complete mounting structure for installation at all sites with provision to support of available panels)

**The solar modules should have:**

- Fill factor > 0.7
- Crane glass-based EVA
- Superstrate - High transitivity 3.2mm minimum glass with humidity of 95% non-condensing marine environment.
- Corrosion resistant Silver Anodized Aluminum frames with proper mounting holes for quick installation
- Weatherproof junction boxes (IP65/IP67) with bypass diodes Temperature rating 0°C to +50°C
- Obtained IEC61215 Edition 2 or latest edition certification
- Obtained IEC61730-2 or latest certification
- IV curves and electrical data of the solar module to be provided along with bid documents.

**Mounting Structure:**

- Bracket for mounting AJB/SMJB/MJB abs plastic junction box.
- Module mounting structure as per panel.
- Chemical Earthing for the solar system.
- Mount: Galvanized coated (60 microns) Corrosion resistance and working in coastal environment.
- The solar module manufacturer should have obtained SP 1A/1P rating and approved by Ministry of New and Renewable Energy (MNRE), Government of India.
- Solar module production experience of 07 years and above.
- Total module production of 500MW or higher till date.

**e. Specifications of off grid hybrid charge controller :**

<b>➤ 24V-40A mains battery charger</b>	
Input supply	170V - 270V 50Hz, Single Phase
Output supply	24VDC (27.2VDC)
Battery current	40A
Regulation	1% (Load & Line)
Ripple	2% (On rated output)
Mode of operation	CV/CC
Protection	Overload, Short Circuit, Input Fluctuations
Mode of charging	Constant Voltage or Current. (Current Depends on Battery)
IGBT band rectifier	Auto cutoff the charger upon fully charging controller (13.7V)
<b>➤ 24V-40A charge controller</b>	
Input supply	24V - 45V (Solar Panel)
Output supply	24VDC (27.2VDC)
Battery current	40A
Regulation	1% (Load & Line)
Mode of operation	CV/CC (PWM)
Protection	Reverse Polarity (Solar & Battery), Reverse current flow battery to solar array during the night
<b>➤ 24V - 6A DC-DC power supply (at load)</b>	



Input supply	20V - 28V (Battery Power)
Output supply	24VDC $\pm$ 1%
Load current	6 A
Regulation	1% (Load & Line)
Mode of operation	CV/CC (PWM)
<b>&gt; Environmental</b>	
Temperature	0 to 50 Degree C
Humidity	0 to 90% non-condensing
Protection	IP65 rated
PCB protection	Conformal coating
<b>&gt; I/O connections</b>	
Input Mains	3pin 5A Top with suitable wire
Input Solar	2pin 40A Terminal Block
Battery	2pin 40A Terminal Block
Output	2pin 10A Terminal Block

**> Salient features**

- Intelligent microprocessor control
- Silent, solid state pulse Width Modulation (PWM Charging) process
- Solar /battery reverse polarity
- Reverse current flow battery to solar array during night
- Over charging current and short circuit
- Output over voltage
- After primary & secondary power restoration controllers should switch to the respective power source without interruption.

**> Operating Conditions:**

- Primary source : Solar
- Secondary source: AC mains
- Battery will be charged and ready as **BACKUP** source
- Battery should be kept in fully charged condition from the available sources of solar or AC main. Battery power should be used in case of emergency as a backup during the power failure of solar & AC mains. In case of failure of primary source (solar) the controller should switch to the secondary source (AC mains).
- In the case of the secondary source & primary source, controller should switch to battery mode.

<b>f. VRLA GEL 12V batteries Specifications:</b>	
Capacity	200AH/12V (02 No's)
Type	VRLA GEL
Warranty	5-year standard warranty.
AH Efficiency	95% min
WH efficiency	85% min
Charge controller to battery cable length	20 m standard Galvanized coated (50 microns) metal stand, to house 2 batteries
Battery Tray	Plastic
Separate lugs for battery to interconnect with charge controller	
Interconnection cables for batteries to meet 24V/200AH (suitable cables)	

**5. Technical Terms and Conditions:**

- Ensuring the uptime of the VSAT station, continuous and near real-time data reception at INCOIS. The Mean Time to Repair (MTTR) for field/remote VSAT stations from the time of reporting is 10 days for North & Middle Andaman stations and 20 days for Nicobar Islands.
- Bidder is responsible for obtaining required licenses from DoT / WPC / SACFA / NOCC / other regulatory authorities for the operations / migration of VSAT network under this contract.
- The complete VSAT network should operate in a shared-Hub, extended-C band with dedicated closed user group (CUG) satellite bandwidth of 1300Kbps (including IN and OUT bound) from Indian satellite, for on-line transfer of data from field stations to the shared hub. The data latency between the field station & INCOIS data center should be less than 03 seconds. The Inbound and outbound bandwidth may vary as per the field requirement and needs to be changed on-request by INCOIS. In case, the satellite is to be

migrated from one to another in future, VSAT stations orientation and configuration etc. at each and every site shall be the responsibility of the Bidder.

- Two Dedicated voice & data channels (64kbps inbound and 64kbps outbound) should be assigned within INCOIS dedicated bandwidth of 1300Kbps. The VoIP-RTP Codec G.729AB should be enabled to receive the VoIP-SIP server packets. The dedicated voice & data channels should be shareable among 07 EOC centers established at A&N Islands. The VSAT services should support existing VoIP services through the existing VoIP SIP server, which are being used for VSATs located in A&N Islands.
- INCOIS might increase or decrease the bandwidth by up to 50% during the contract period. The configuration needed to be carried out by bidder free of cost. The charges towards additional bandwidth utilization shall be made by INCOIS.
- For each VSAT stations, committed information rate (CIR) will be around 32kbps tentatively. The data transfer rate for Emergency Operational Centers (7 nos.) is to be fixed at 128Kbps (dedicated voice & data channels of 64kbps IN and OUT bound each) with the requirements of VoIP.
- Bidder is responsible for the transmission of the recorded data from all 42 field VSAT stations to the shared hub of the Bidder and subsequently, the data is re-directed simultaneously to Data Center located at Indian National Centre for Ocean Information Services (INCOIS), Hyderabad through MPLS link, for real-time monitoring of earthquake activity in the country and tsunamigenic earthquakes.
- Bidder is required to utilize the existing MPLS links (primary and secondary links from M/s Airtel & M/s Tata Communications Ltd) from the shared hub to INCOIS to reduce the downtime for data reception. One link should be RF connectivity from the nearest site .
- In future, INCOIS may add the Tsunami-sirens to few of the VSAT stations. The bidder should support for the integration of sirens and extra bandwidth charges, if any will be borne by the Andaman & Nicobar Administration & subsequent order will be released by the A&N administration to the vendor directly.
- Once the sirens are integrated with VSATs, the highest priority should be set to this channel and should supersede all the existing connections.
- At the time of Integration of VSATs with tsunami-sirens, the VSAT at State Control room (SCR) Port Blair requires double hop transmission (both Tx and Rx) from the sirens installed at A&N. It is to be configured in a way to unicast AND broadcast the siren / trigger simultaneously from the VSAT, SCR, Port Blair to the remaining siren sites.
- The bidder should extend support during the installation and commissioning of the Tsunami-sirens.
- Bidder should preferably maintain the same IP network addresses which are currently in use at all the 42 field VSAT stations. In case Bidder wants to change the IP details, then Bidder should make necessary changes in the configuration of Data Acquisition System installed at each field site. The necessary support to change the parameters shall be provided by the Purchaser.
- Bidder is responsible for the IP network configuration to make the smooth flow of data simultaneously at INCOIS from all 42-field station VSAT stations. Bidder should provide at least four or five IPs to be configured with a gateway IP of IDU.
- The re-location of a VSAT station includes the dismantling, packing, transportation, re- installation of VSAT, solar power system, minor civil works, preparation of new chemical earthing, a new lighting arrestor conduiting (Metal conduit) of IFL cable, solar power cable, off grid power charger, Ethernet cables, connectors and all interconnecting cables and its accessories.
- Bidder must perform at least two maintenance visits / site in one calendar year for carrying out Preventive Maintenance activity such as checking the health of the VSAT, battery, solar systems, cleaning of solar panel, bush cleaning, tree trimming etc. and their upkeep.
- The PM Activity Report providing the details of the service / work carried out, station-wise uptime and bandwidth utilization summary is to be submitted to INCOIS along with invoice for processing.
- Bidder should ensure availability of sufficient number of equipment / critical spares etc. in their stock to replace the defective equipment on a priority basis.
- Any addition or discontinuation or closure of VSAT stations at any station or site is at the sole discretion of INCOIS.
- **Annexure-I (A)** provides the list of 26 sites where solar panels (480Wp) , list of 10 sites where solar panels (330Wp) need to be installed , list of 25 sites for shifting within the campus and for relocation 02 sites for inter islands (Interview & Narcondum).
- The supplied solar panels under this tender & the existing solar panels will be covered under its default warranty period as specified by the OEM. However, to maintain the overall scope of the CAMC the panels are included in the price bid.

**6. Penalty Clause: Penalty charges for non-functional VSAT terminals at Andaman & Nicobar Islands**

Region	No penalty window/response time	No. of days taken to resolve the fault	Penalty charges for each faulty VSAT and non-delivery of data
Andaman Islands (North and Middle)	10	11-20	5%
		21-30	7%
		>30	No Payment (For the corresponding site)
Nicobar Islands (South)	20	21-30	5%
		30-45	7%
		>45	No Payment (For the corresponding site)

6.1. **Penalty Charges in respect of service disruption of VSAT terminals & communication:** If a remote VSAT is down beyond the stipulated period after the intimating to Bidder's Project Manager about the VSAT problem through Email, Penalty shall be imposed as per table below.

6.2. **Penalty charges in case of failure of MPLS link:** In case of nonfunctioning of leased line (Non availability of field data at data center) ; penalty shall be imposed as per table below.

6.3. **Penalty Charges for non-availability of data at INCOIS due to nonfunctioning of MPLS leased line:**

MPLS Links	No of days @ taken to resolve the fault	Penalty of AMC charges Corresponding to one unit of the respective component for the bill period of three months.
One link (4Mbps MPLS connectivity) out of two become defective	>3 days	3% of total contract value
	3-7 days	5% of total contract value
	>7	10% of total contract value for each extra day beyond 07 days
Failure of both MPLS links Simultaneously	>15 Minutes < 6 Hours	No payment
Failure of both back-haul MPLS links.	> 6 hours	No Payment

The number of days is the period between the times of lodge of complaint to the Service Engineer through Email to the establishment of connectivity to the Operational Centre of INCOIS.

**7. Contents of the 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.

- Technical bid should contain filled-in Table-1 along with legible documentary proof, without which the offer will not be considered further.
- Part/conditional/incomplete quotations will not be accepted.

**NOTE:**

- Part/conditional/incomplete quotations will not be accepted.
- Bidder has to quote for all the components given in the Price bid. Hence, please indicate as Yes or No in the table given below.

**Table 1: Technical Compliance Statement**

S No	Description	Compliance status Yes / No	Page number against the Proof attached.	Remarks/ Deviations, if any
<b>General</b>				
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			

S No	Description	Compliance status Yes / No	Page number against the Proof attached.	Remarks/ Deviations, if any																				
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 :  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 have their service / support centre along with on-roll support teams in India. (Proof of having service / support centre at India is to be submitted).																							
9.	The Bidder should have an average annual financial turnover of Rs.1.62 Cr during the last three years ending March 31, 2024. 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>2023-24</td><td></td><td></td><td></td></tr><tr><td>2022-23</td><td></td><td></td><td></td></tr><tr><td>2021-22</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>	Financial year	Details of Turnover	Details of Profit	Details of Net worth	2023-24				2022-23				2021-22										
Financial year	Details of Turnover	Details of Profit	Details of Net worth																					
2023-24																								
2022-23																								
2021-22																								
10.	The Bidder should have past experience in similar nature of works of similar volume in last three years ending previous day of last date of submission of the online Bid. Out of which one work of value Rs. 3.18 Cr or above or two works of value Rs. 2.39 Cr each or above or three works of value Rs.1.59 Cr each or above. Client certificates/Work Completion Certificate/ Experience certificate along with the P.O no. as a reference to be enclosed in this regard.  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. <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																				

S No	Description	Compliance status Yes / No	Page number against the Proof attached.	Remarks/ Deviations, if any
11.	Earnest Money Deposit (EMD) : As per clause 9 of the General Terms and Conditions under section 8.			
12.	Acceptance to Scope of Work of this tender			
13.	Acceptance of general terms and conditions of this tender			
14.	Pre-Bid attendance report duly signed by INCOIS			
15.	Escalation matrix with full contact details, for the resolution of reported issues during contract period.			
16.	<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.			
17.	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			
<b>Technical Specifications (for the items to be supplied): (Pls refer to Section 4) &amp; their compliance</b>				
18.	Ethernet Switch 8 port			
19.	Ethernet Data Isolator			
20.	Chemical Earthing			
21.	PERC Poly crystalline Solar panel total capacity 480Wp			
22.	PERC Poly Crystalline Solar panel 165Wp			
23.	24V-40A off grid hybrid charge controller			
24.	VRLA GEL 12V batteries			

ii) Commercial Bid:

Table 2: Compliance Statement (Un-Priced bid format)

NOTE:

- Bidder has to quote for all the components given in the Price bid. Hence, please indicate as Yes or No in the table given below.
- Bidder should upload the price breakup (In the commercial bid cover). In the following format on bidder letter head duly signed and stamped by the authorized signatory.
- Part/conditional/incomplete quotations will not be accepted.
- Price bids submitted in any other formats will be summarily rejected.

S.No	Item Description	Total Qty	Unit	Please confirm whether prices are Quoted in commercial bid or not. (Yes / No) Please do not mention prices here.
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01	CAMC Charges for MPLS link from M/s Airtel for (Qty 1No) a) 1 <sup>st</sup> Year b) 2 <sup>nd</sup> year c) 3 <sup>rd</sup> year d) 4 <sup>th</sup> year e) 5 <sup>th</sup> year	05	Years	
02	CAMC Charges for MPLS link from M/s Tata Communications Ltd for (Qty 1 No.) a) 1 <sup>st</sup> Year b) 2 <sup>nd</sup> year c) 3 <sup>rd</sup> Year d) 4 <sup>th</sup> year e) 5 <sup>th</sup> year	05	Years	
03	Satellite bandwidth charges & hub services (both INBOUND and OUTBOUND) (Ext-C band) per annum for all 42 sites. (Qty 1300 Kbps) a) 1 <sup>st</sup> Year b) 2 <sup>nd</sup> year c) 3 <sup>rd</sup> Year d) 4 <sup>th</sup> year e) 5 <sup>th</sup> year	05	Years	
04	Comprehensive AMC of VSAT Field Terminals in Andaman & Nicobar Island region for 5 years. The terminal components include BUC, LNB & IDU, IFL cable, connectors, conduits including chemical earthing, solar panels (at certain locations)	42	Nos	
05	Supply & Installation of off grid hybrid solar power supply including connecting cables along with 5 years onsite standard warranty.	42	Nos	
06	Supply & Installation of 24V, 200AH VRLA gel batteries with necessary interconnecting cables with suitable mounting structure with along with 5 years onsite standard warranty.	42	Nos	
07	Supply & Installation of Poly crystalline PERC Solar panel total capacity 480Wp with mounting structure along with 5 years onsite standard warranty.	26	Nos	
08	Supply & Installation of Poly crystalline PERC Solar panel total capacity 165Wp with mounting structure along with 5 years onsite standard warranty.	20	Nos	
09	Supply & Installation of Ethernet Data Isolator along with 5 years onsite standard warranty.	42	Nos	
10	Supply of Ethernet switch 8 port DC operated 24V along with 5 years onsite standard warranty.	42	Nos Nos	

11	Shifting of VSAT equipment within A&N from ground to roof top of the observatory including Dismantling, Packing, conduits, IFL cables, connectors, Reinstallation and Commissioning	25	Nos	
11	Transportation Charges through ship (Per site Per 50Km)	02	Nos	
12	Transportation Charges through road (Per 50Km)	02	Nos	
13	Shifting of VSAT and solar equipment within A&N islands including Dismantling, Packing, Reinstallation and Commissioning. Per (Havelock-Narcondam and Mayabunder - Interview Island).	02	Nos	
14	Supply, Installation of Chemical Earthing along with 5 years onsite standard warranty.	02	Nos	
15	NMS Tool for monitoring the satellite bandwidth network/traffic per annum	01	Nos	
16	Bush cleaning and tree-branch cutting (Half yearly)	35	Nos	
17	Less Buyback of Solar panels 80Wp*6 panels per site (Qty 26nos), Solar charge controllers (Qty 42 No's), 12V/100AH X 4 batteries per site (Qty 42 sites), Ethernet Data isolators (Qty 35Nos), Ethernet switch (Qty 42 No's)	1	LS	

- Total quoted price will be calculated for the entire duration of the contract to decide L1
- The above rates shall remain fixed during the contract period of 5 years.
- An unpriced Bill of Materials (BoM) should be submitted with the technical bid.
- INCOIS will have the right to increase or decrease the bandwidth by up to 50% at any time during the contract period.
- Price bid (in pdf format excluding note/instructions) shall be uploaded on [www.Gem.gov.in](http://www.Gem.gov.in).
- Integration of supplied items with existing equipment at each of the VSAT station is the responsibility of the bidder.

\* AN: Andaman & Nicobar Islands.

#### 8. General terms and Conditions:-

Point No.	Details
1.	Quotation: Quotation has to submit online in the Government E Marketplace at <a href="http://gem.gov.in">http://gem.gov.in</a> .
2.	A two-bid system will be followed in selecting the vendor
3.	INCOIS expects the bids submitted by Bidder should meet the requirements, provisions, specifications, etc. as stipulated in the tender Document without any deviations and exceptions.
4.	Validity Period: Bids/Offer shall have the validity period of 90 days from the tender closing date.
5.	Contract period: For a period of Five Years, from the date of Acceptance of the material/Purchase order
6.	Delivery Period for Supply and Installation of Material : 3 Months from the date of Acceptance of Purchase Order
7.	* Acceptance of the order by successful bidder upon AOC: Within 10 days from the date of issue of the PO/Order. If the acceptance communication is not received within 10 days, then PO would be deemed as accepted and binding to the successful bidder.
8.	Payment terms: Material Component: 90% will be released within 30 days after supply & acceptance of material, and successful completion of Installation, Commissioning along with Ink signed Invoice and balance 10% will be released after successful completion of One year standard

	<p>or on submission of advance BG for the said amount and period</p> <p>Service Component: CAMC charges shall be paid for each completed maintenance period on a half-year basis upon submission of Ink Signed Invoice in original along with maintenance / call log /-service reports and subject to satisfactory performance of the system.</p> <p><i>Net payment will be released after statutory deductions. No advance payment will be allowed, and no other payment terms will be considered.</i></p>
9.	<p><b>Earnest Money Deposit (EMD):</b> Rs.7,90,000 /- (Rupees Seven Lakh ninety thousand only) has to be submitted by way of Demand Draft/RTGS from any Nationalized Bank in favor of "Director, INCOIS payable at Hyderabad". The Scanned copy of the Demand Draft/RTGS/ Bank Guarantee/FDR /Insurance Surety Bond is to be uploaded to the GeM Portal while submitting the offer. Bank Guarantees/Counter Guarantees should be obtained from any of the Nationalized/schedule bank of India with a validity of 6 months from the closing of the bid due date and should be sent by the issuing banker directly to the office of INCOIS, Hyderabad.</p> <p><i>The original DDs/ Financial Instruments if any should reach to INCOIS on or before 14:00 Hrs of 30.05.2025. ie., before closing of the bid submission date. Offers received without EMD &amp; bid securing declaration as per Annexure-1 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 only <u>if the Indian vendor is manufacturing and supplying the tendered products for this NIT</u>. 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 -1</p>
10.	<p><b>Performance Guarantee:</b> Successful bidder has to submit 5% of the contract value within 15days of acceptance of order towards Performance Guarantee by means of Demand Draft/NEFT/RTGS drawn in favor of Director, INCOIS payable at Hyderabad or Bank Guarantee from any Nationalized/scheduled Bank valid up to beyond 60 days of contract period. This deposit will be free of interest and is refundable after the satisfactory execution of the contract and complete fulfillment of contractual obligations.</p>
11.	<p>Performance Guarantee is liable to forfeiture in the event of:</p> <ol style="list-style-type: none"> <li>Non execution of order during validity period of the contract</li> <li>If the service of the successful bidder is found to be unsatisfactory and fails to adhere to our tender terms and conditions.</li> <li>Any unilateral revision/decision made by the successful bidder during the validity period of the contract.</li> </ol>
12.	<p>Successful bidder has to submit the Service Legal Agreement in prescribed format on Indian non-judicial stamp paper worth Rs. 200/- duly signed by authorized signatory within 21 days of the acceptance of the order</p>
13.	<p>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.</p>
14.	<p>The Contractor shall ensure safety and security of all workforces employed for this work and equipments 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 at his own cost</p>
15.	<p>Before submitting the bid, tenderers 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 Tenderer(s) contractor(s) for any sort of compensation</p>
16.	<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>



17.	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.
18.	Please note that any falsification/suppression of information could lead to the disqualification.
19.	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.
20.	<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 Tenderer 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 upon ascertain the circumstances</p>
21.	Tenders not in complete shape or not conforming to technical specifications or not confirming to terms and conditions are liable for rejection.
22.	All above relevant documents must be enclosed with technical bids failing which bids may be ignored and will not be considered for technical evaluation.
23.	Proof for fulfillment 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
24.	Any deviations technically or commercially should be clearly indicated in the Technical bid offer only.
25.	Before submitting the bid tenderers 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 Tenderer(s) contractor(s) for any sort of compensation
26.	<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>
27.	If any tenderer 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 for forfeit of EMD & bid securing declaration in case of MSEs.
28.	The bidder shall sign and upload the Bids with the exact name and address of the firm, which is bidding for the tendered requirement.

29.	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.
30.	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.
31.	<b>Termination Claus:</b> Director, INCOIS reserves the right to terminate the contract either whole or part of the contract with one month notice.
32.	Canvassing in connection with tender is strictly prohibited and any canvassing will render the bid of such tenderer ineligible.
33.	INCOIS reserves the right to alter the scope/or reduce quantum of work, before/after issue of work order and tenderer shall not have any claim whatsoever on this account.
34.	In case of any un resolved 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

9. **Technical Clarifications: -**

If firms require clarifications on certain points in this document may be submitted (via e-mail) on or before 15:00 Hrs of May 20, 2025. Note: Firms may submit a consolidated query only once. e-mail: [manyam@incois.gov.in](mailto:manyam@incois.gov.in), [dasariprasad@incois.gov.in](mailto:dasariprasad@incois.gov.in), E-mail subject should be mentioned as "Queries (A) "Comprehensive Annual Maintenance Contract (CAMC) of VSAT & Solar system (42 nos. at A & N Islands) and its services of Satellite Bandwidth & MPLS connectivity etc. for a period of FIVE Years and (B) Supply and installation of Solar Panel and its accessories along with 5 Years onsite Standard Warranty at A & N Islands."

10. **Pre-Bid conference:** INCOIS has made every effort to bring out the requirements to facilitate the Firms to make their proposals. However, keeping in view that Firms may have clarifications on certain points in this Document before submitting their Proposal, a Pre-bid meeting will be held at INCOIS, Hyderabad on May 23, 2025 at 11 00 hrs. During the pre-bid meet, a brief presentation will be done by INCOIS on the Bid requirement. All the clarifications will be consolidated and clarified to the vendors during the pre-bid meet and addendum/corrigendum will be added in the tender INCOIS Web site and GeM Portal (if required only). Vendor will be given another reasonable sufficient time to submit their technical and financial quote.

**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 23886022/6082  
Fax No.: 040-23895001 / 23892910  
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 for (A) "Comprehensive Annual Maintenance Contract (CAMC) of VSAT & Solar system (42 nos. at A & N Islands) and its services of Satellite Bandwidth & MPLS connectivity etc. for a period of FIVE Years and (B) Supply and installation of Solar Panel and its accessories along with 5 Years onsite Standard Warranty at A & N Islands."

Signature of the Tenderer/ Authorized Signatory & date

Name

OFFICE SEAL,

Address

**BID-SECURING DECLARATION FORM**

**Bid No. INCOIS: PUR: 20/2025 date 09.05.2025 (A) "Comprehensive Annual Maintenance Contract (CAMC) of VSAT & Solar system (42 nos. at A & N Islands) and its services of Satellite Bandwidth & MPLS connectivity etc. for a period of FIVE Years and (B) Supply and installation of Solar Panel and its accessories along with 5 Years onsite Standard Warranty at A & N Islands."**

**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/Authorized Signatory & date**

**Name of the authorized signatory:**

**Designation:**

**OFFICE SEAL,**

**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)**

## Annexure - I(A)

S.No	Station	Solar panels		5 port Switches & Ethernet data isolators	Off load hybrid charge controllers	Batteries	Relocation of VSATs within campus/Inter Islands
		480Wp	330 Wp				
01	Shoal bay	Hot Spots / To be added	Augmented in 2024	To be replaced	To be replaced	To be replaced	Relocation within Campus
02	Bakultala	Hot Spots / To be added	Augmented in 2024	To be replaced	To be replaced	To be replaced	
03	Kadamtala	Hot Spots / To be added	Augmented in 2024	To be replaced	To be replaced	To be replaced	Relocation within Campus
04	Betapur	Hot Spots / To be added	Augmented in 2024	To be replaced	To be replaced	To be replaced	Relocation within Campus
05	Baratang	Hot Spots / To be added	Augmented in 2024	To be replaced	To be replaced	To be replaced	Relocation within Campus
06	Mohanpur	Hot Spots / To be added	Augmented in 2024	To be replaced	To be replaced	To be replaced	Relocation within Campus
07	Wandoor-Portblair	Hot Spots / To be added	Augmented in 2024	To be replaced	To be replaced	To be replaced	Relocation within Campus
08	Campbell bay (Shastrinagar)	Hot Spots / To be added	Augmented in 2024	To be replaced	To be replaced	To be replaced	Relocation within Campus
09	East Island	Hot Spots / To be added	Augmented in 2024	To be replaced	To be replaced	To be replaced	
10	Mayabunder GPS-Interview Island	Hot Spots / To be added	Augmented in 2024	To be replaced	To be replaced	To be replaced	To Interview Island
11	Havelock GPS-Narcondum	Hot Spots / To be added	Augmented in 2024	To be replaced	To be replaced	To be replaced	To Narcondum island
12	Kishorinagar	Hot Spots / To be added	Augmented in 2024	To be replaced	To be replaced	To be replaced	
13	Havelock (Kalapathar School)	Hot Spots / To be added	Augmented in 2024	To be replaced	To be replaced	To be replaced	
14	Hutbay VK Pur	Hot Spots / To be added	Augmented in 2024	To be replaced	To be replaced	To be replaced	
15	Upper Katchal South	Hot Spots / To be added	Augmented in 2024	To be replaced	To be replaced	To be replaced	
16	Alurang(Terresa)	Hot Spots / To be added	Augmented in 2024	To be replaced	To be replaced	To be replaced	Relocation within

				d		d	Campus
<u>17</u>	Namunaghar	Hot Spots / To be added	Augmente d in 2024	To be replace d	To be replaced	To be replace d	Relocation within Campus
<u>18</u>	Arong	Hot Spots / To be added	Augmente d in 2024	To be replace d	To be replaced	To be replace d	Relocation within Campus
<u>19</u>	SCR Port blair	Hot Spots / To be added	To be added	To be replace d	To be replaced	To be replace d	
<u>20</u>	DC Port blair	Hot Spots / To be added	To be added	To be replace d	To be replaced	To be replace d	
<u>21</u>	EOC Mayabunder	Hot Spots / To be added	To be added	To be replace d	To be replaced	To be replace d	
<u>22</u>	EOC Hutbay	Hot Spots / To be added	To be added	To be replace d	To be replaced	To be replace d	
<u>23</u>	EOC Kamorata	Hot Spots / To be added	To be added	To be replace d	To be replaced	To be replace d	
<u>24</u>	EOC Campbellbay	Hot Spots / To be added	To be added	To be replace d	To be replaced	To be replace d	
<u>25</u>	EOC Car nicobar	Hot Spots / To be added	To be added	To be replace d	To be replaced	To be replace d	
<u>26</u>	Trinket	Hot Spots / To be added	To be added	To be replace d	To be replaced	To be replace d	Relocation within Campus
<u>27</u>	Chukmachi	√	To be added	To be replace d	To be replaced	To be replace d	Relocation within Campus
<u>28</u>	Chowra	√	To be added	To be replace d	To be replaced	To be replace d	Relocation within Campus
<u>29</u>	Long Island	√	Augmente d in 2024	To be replace d	To be replaced	To be replace d	Relocation within Campus
<u>30</u>	Radhanagar	√	Augmente d in 2024	To be replace d	To be replaced	To be replace d	Relocation within Campus
<u>31</u>	Ramnagar	√	Augmente d in 2024	To be replace d	To be replaced	To be replace d	Relocation within Campus
<u>32</u>	Rutland	√	Augmente d in 2024	To be replace d	To be replaced	To be replace d	Relocation within Campus
<u>33</u>	Aprabay	√	Augmente d in 2024	To be replace d	To be replaced	To be replace d	Relocation within Campus
<u>34</u>	Makachua	√	Augmente d in 2024	To be replace d	To be replaced	To be replace d	Relocation within Campus
<u>35</u>	Kakana	√	Augmente d in 2024	To be replace d	To be replaced	To be replace d	
<u>36</u>	Kamorta AC	√	Augmente	To be	To be	To be	Relocation

	office		d in 2024	replace d	replaced	replace d	within Campus
<u>37</u>	Nimbutala	√	Augmente d in 2024	To be replace d	To be replaced	To be replace d	Relocation within Campus
<u>38</u>	Chidiatapu	√	Augmente d in 2024	To be replace d	To be replaced	To be replace d	
<u>39</u>	Ferrargunj	√	Augmente d in 2024	To be replace d	To be replaced	To be replace d	Relocation within Campus
<u>40</u>	Katchal-Mildera	√	Augmente d in 2024	To be replace d	To be replaced	To be replace d	Relocation within Campus
<u>41</u>	Neil Island	√	Augmente d in 2024	To be replace d	To be replaced	To be replace d	
<u>42</u>	Daring (Kamorata South)	√	Augmente d in 2024	To be replace d	To be replaced	To be replace d	Relocation within Campus

## List of INCOIS stations (42 nos.)

Sl.No	Location	Latitude (deg N)	Longitude (deg E)	Nearest Landmark	Band width	Existing VSAT IP/SMA IP/GNSS IP/Siren IP addresses
<b>Great Nicobar</b>						
1.	Great Nicobar (Aprabay)	7.18513	93.73576	Near Police Lookout Post	32kbps	10.10.104.225/226/227/228
2.	Little Nicobar North (Makachua)	7.4020	93.7116	Behind Rural Knowledge Center	32kbps	10.10.104.233/234/235/236
<b>Nancowry Group of Islands</b>						
3.	Kamorta (Kakana)	8.1845	93.5084	Near to Police radio station and new	32kbps	10.10.104.241/242/243/244
4.	Kamorta (AC office)	8.040	93.540	Dr Ravi Kumar's existing location at AC office	32kbps	10.10.105.73/74/75/76
5.	Teressa (Alurang)	8.30952	93.1073	Govt. Primary School, Alurang	32kbps	10.10.104.249/250/251/252
6.	Teressa (Chukmachi)	8.221737	93.167343	Govt. Primary School, Chukmachi	32kbps	10.10.105.1/2/3/4
7.	Chowra	8.45235	93.0475822	Govt. Middle School, Kuitasuk	32kbps	10.10.105.9/10/11/12
8.	Katchal (Mildera)	8.00073	93.37746	Office of Junior Engineer, Katchal Sub-division	32kbps	10.10.105.17/18/19/20
9.	Trinket	8.0535397	93.590697	Open grass land	32kbps	10.10.105.33/34/35/36
10.	Kamorta South	8.1043557	93.4917024	Behind data house	32kbps	10.10.105.41/42/43/44
11.	Katchal South	7.9374812	93.4477571	Uppper Katchal	32kbps	10.10.105.25/26/27/28
<b>Car Nicobar</b>						
12.	Arong	09.16237	92.74928	Near Office of Junior Engineer, Arong Section	32kbps	10.10.104.217/218/219/220
<b>Little Andaman</b>						
13.	Hutbay (VK Pur)	10.74259	92.56461	Govt. Secondary School	32kbps	10.10.104.137/138/139/140
<b>South Andaman</b>						
14.	Chidiatapu	11.50507	92.70287	Forest Guest House (near Quarters)	32kbps	10.10.104.161/162/163/164
15.	Ferrargunj	11.72073	92.6543	Tehsil Office, Ferrargunj	32kbps	10.10.104.145/146/147/148
16.	Namunaghar	11.67212	92.68405	Govt. Primary School	32kbps	10.10.104.153/154/155/156
17.	Neil Island	11.83413	93.02931	Opposite to Police Station	32kbps	10.10.104.209/210/211/212
18.	Havelock (Kalapathar School)	11.96473	93.01438	Govt. Middle School, Kalapathar	32kbps	10.10.104.201/202/203/204
19.	Rutland	11.486416	92.6566905	Rut Land School	32kbps	10.10.105.57/58/59/60
<b>Middle Andaman</b>						
20.	Nimbutala	12.49042	92.96108	Electricity dept. quarters	32kbps	10.10.104.193/194/195/196
21.	Long Island	12.377055	92.929444	Anganwadi Centre	32kbps	10.10.105.65/66/67/68
<b>North Andaman</b>						
22.	Radhanagar	13.36985	92.9303	Gram Panchayat Office	32kbps	10.10.104.169/170/171

			83	(Nearby Revenue Land)		/172
23.	Ramnagar	13.076083	93.0147 83	Govt. Primary School	32kbps	10.10.104.177/178/179 /180
24.	Kishorinagar	13.18236	92.8744	APWD guest house Campus	32kbps	10.10.104.185/186/187 /188
25.	Shoalbay	11.86302	92.7367 2	Govt Primary School, Shoalbay	32kbps	10.10.104.17/18/19/20
26.	Bakultala	12.50613	92.8565 7	Forest rest house	32kbps	10.10.104.33/34/35/36
27.	Kadamtala	12.37025	92.7808	Near Kali Temple	32kbps	10.10.104.9/10/11/12
28.	Betapur	12.61635	92.9474 5	Padmanabhapuram, near Govt. Middle School	32kbps	10.10.104.49/50/51/52
29.	Baratang	12.1678	92.7632 8	Mangrove forest Guest House (Nearby Revenue	32kbps	10.10.104.41/42/43/44
30.	Mohanpur	12.94252	92.8397 6	Govt. Secondary School No. 5	32kbps	10.10.104.25/26/27/28
31.	State Control Room Portblair	1.8m/PM/480Wp		Directorate of Disaster Management Office, Middle point, Portblair, South Andaman-744301	<u>Total</u> <u>128kbps</u> <u>(64kbps IN &amp; 64kbps OUT</u> <u>channels)</u>	10.10.104.89/90/91/92 /93/94
32.	DC Portblair	1.8m/PM/480Wp		District Control room, DC South, Andaman & Nicobar Islands, portblair- 744103		10.10.104.97/98/99/10 0/101/102
33.	Campbellbay	1.8m/NPM/480W P		EOC Campbellbay, great Nicobar, Campbellbay- 744302		10.10.104.121/122/123 /124/125/126
34.	Mayabunder	1.8m/PM/480Wp		EOC Headquarters Mayabunder-744204		10.10.104.113/114/115 /116/117/118
35.	EOC Kamorata	1.8m/PM/480Wp		EOC Kamorata Nancowry South Andamana 744303		10.10.104.129/130/131 /132/133/134
36.	EOC Hutbay	1.8m/PM/480Wp		Hutbay Tehsil Office Little Andaman- 744207		10.10.104.137/138/139 /140/141/142
37.	EOC Carnicobar	1.8m/PM/480Wp		EOC Headquarters Carnicobar -		10.10.104.105/106/107 /108/109/110
38.	Shastri nagar	6.807599	93.8867 28	Near Sub Centre Shastrinagar	32kbps	10.10.104.81/82/83/84
39.	Wandoor	11.598474	92.6253 65	Govt Middle school campus, wandoor, South Andaman	32kbps	10.10.104.65/66/67/68
40.	East Island	13.629076 N	93.0479 90E	Near Police out post , East Island,, North Andaman, Andaman and Nicobar islands	32kbps	10.10.104.57/58/59/60
41.	Narcondam Island (Currently VSAT at Havelock GPS)			Police outpost campus (abandoned solar power plant), Narcondam island, North and Middle Andaman, Andaman and Nicobar Islands	32kbps	10.10.104.73/74
42.	Interview Island (Currently VSAT at Mayabunder GPS)			In front of forest inspection bungalow, Interview Island, Middle Andaman. Andaman and Nicobar Islands	32kbps	10.10.104.1/2/3/4

The current IP series at remote sites to be continued as the same has been configured in the INCOIS Servers at Hyderabad for real time data reception

Note : 1). The VSAT at S.No.31 State Control Room (SCR) needs double-hop Tx & Rx to connect to the VSATs at Andaman & Nicobar in future for Tsunami Siren network. (The central server will be available at State Control Room (SCR).



2). S.No 1 to 42 VSATs Locations - All the VSATs are 1.8m PM mount except S.No 01 (2.4m Aprabay site PM mount) with 810Wp (80W\*06 panels, 165W\*02 panels).

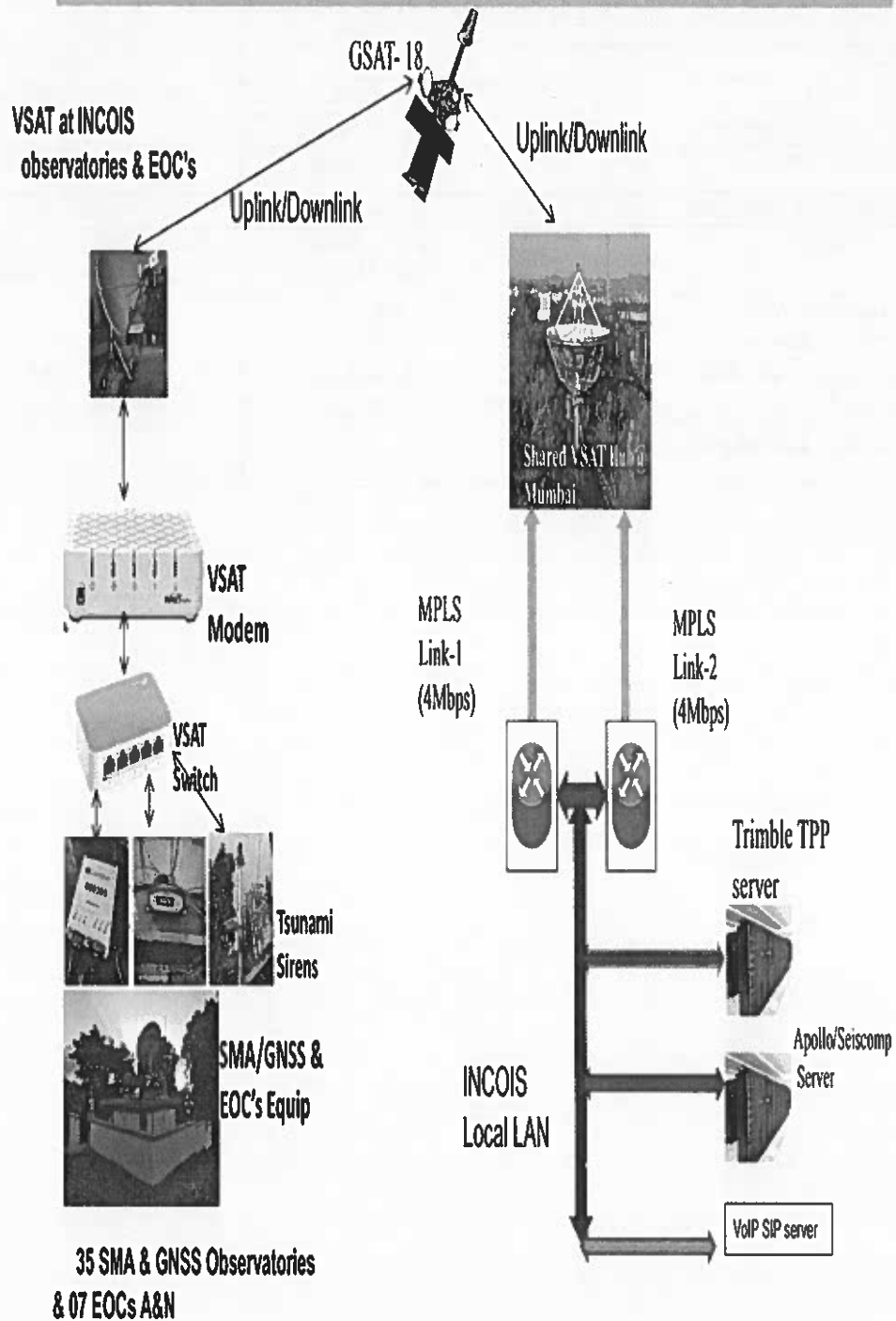
Annexure-I (C)

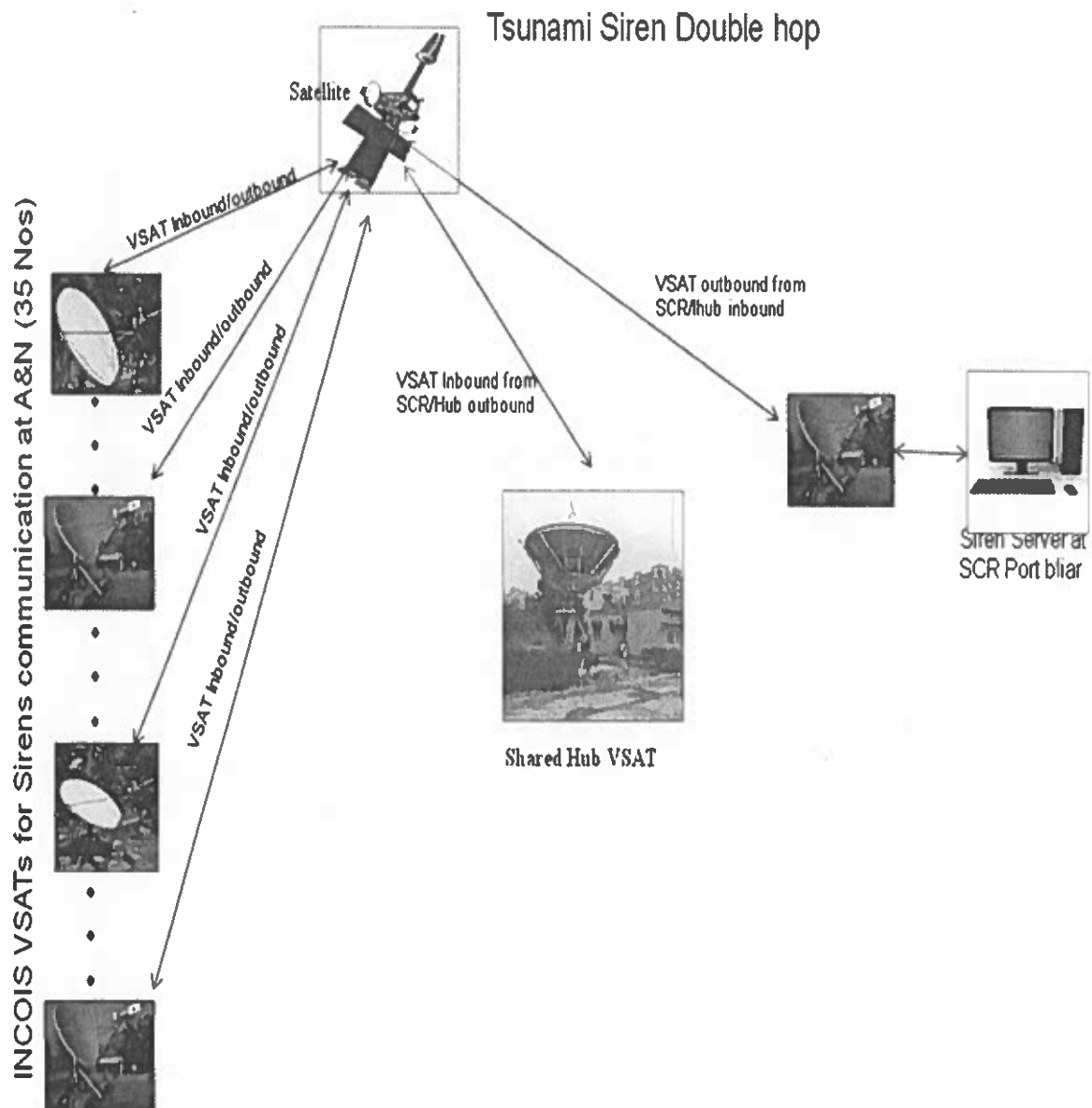
**List of VSAT terminal equipment at INCOIS field stations:**

S. No.	Description of Material	Make	Model
1	Antenna 2.4 / 1.8 Mtr	Prodelin	XC, 1.8/2.4m, PM
2	9 U Rack	Alfa Enterprise	ELIXIR
3	Skyedge IP IDU	Gilat	Skyedge-II Gemini
4	BUC (3W)	Gilat	XC AN3082
5	LNB-DRO		XC AN1395
6	5-port switch	ICPDAS/CTC Union	NS-205CR/IFS-500
7	Ethernet data isolator	AndaTelecom	ATG45
8	Lightening arrestor	Electrogrip	Franklyn multi grip
9	IFL cable and Connector	Finolexx	RG11
10	Solar System	TATA Power Solar/HR Solar	Gold Series 80W x 6No /HR Solar 165W x 2No
11	Chemical Earthing	SNAGA	
12	Battery/AC Charger	APLAB	IBC2410
13	Solar charge controller	Morningstar	TS-MPPT-25
14	24 V / 200 Ah Battery-bank (4 Nos each 12V 100AH)	Amaron	Quanta 12AL100N

## Network Flow Diagram

## VSATs at SMA &amp; GNSS observatories at A&amp;N





Note: The siren project is yet to be implemented.

**List of Sirens locations**

S.No	Location	Lattitude	Longitude	Nearest Landmark
1	EOC Campbell bay	7.01291	93.93202	Near Assistant Commissioner Office
2	Little Nicobar (Makachua)	7.402	93.7116	Behind Rural Knowledge center
3	Teressa (Alurang)	8.30952	93.1073	Govt.Primary School,Alurang
4	Teressa (Chukmachi)	8.221737	93.167343	Govt.Primary school, Chukmachi
5	Chowra	8.45235	93.0475822	Govt.Middle school
6	Arong	9.16237	92.74928	Near Office of Junior Engineer, Arong Section
7	State Control Room, Port Blair	11.66244	92.73647	Directorate of Disaster Management-State Control Room, Port Blair
8	Ferrargunj	11.72073	92.6543	Tehsil Office, Ferrargunj
9	Shoal bay	11.86302	92.73672	Govt. Primary School,Shoal Bay-14
10	Neil Island	11.83413	93.02931	Opposite to Police Station
11	Bakultala	12.50613	92.85657	Forest Rest house
12	Kadamtala	12.37025	92.7808	Near Kali Temple
13	Radhanagar	13.36985	92.930383	Gram Panchayat office(Near by Revenue Land)
14	Kishorinagar	13.18236	92.8744	APWD Guest House campus
15	Baratang	12.1678	92.76328	Mangrove forest Guest House (Nearby Revenue land)
16	Nimbutala	12.49042	92.96108	Electricity dept. quarters.
17	Hutbay(VK Pur)	10.74259	92.56461	Govt. Secondary school
18	Namunagar	11.67212	92.68405	Govt.Primary school
19	Havelock (Kalapathar School)	11.96473	93.01438	Govt. Middle School, Kalapathar
20	Betapur	12.61635	92.94745	Padmanabhapuram near Govt. Middle school
21	Ramnagar	13.076083	93.014783	Govt.Primary school
22	Mohanpur	12.94252	92.83976	Govt. Secondary school No.5
23	Kamorta (Kakana)	8.1845	93.5084	Near to Police radio station and new anganwadi school
24	DC port Blair	11.66431	92.74181	DC Office Port blair
25	Katchal (Mildera)	8.00073	93.37746	Office of Junior Engineer, Katchal Sub Division
26	Kamorta South	8.1037	93.4906	Behind data house
27	Long Island	12.377055	92.929444	Anganwadicentre
28	Rutland	11.4874	92.6545	Rut land school
29	Shastri Nagar	6.8076	93.8867	Near Sub Centre (Health Department), Shastri Nagar- Campbell Bay
30	Katchal South	7.9375	93.4468	Upper Katchal
31	EOC Mayabunder	12.88143	92.88332	Opposite to DC Officer, N&M Andaman
32	Chidiyatapu	11.50507	92.70287	Forest guest house (near Quarters)
33	EOC Hutbay	10.60546	92.53362	Near Helipad, hutbay
34	EOC Carnicobar	9.17540	92.81662	Near DC Office Perkha Car Nicobar HQ
35	EOC Kamorata	8.03973	93.54229	Near Assistant Commissioner Office, Kamorata