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: 58/2026
Ref. INCOIS: PUR: 58/2026

दिनांक: 28. 10.2026
Date: 28. 10. 2026

सरकारी ई बाज़ार द्वारा निविदा सूचना आमंत्रण

Notice Inviting Tender through Government E Market Place (GeM)

भारतीय राष्ट्रीय महासागर सूचना सेवा केंद्र, हैदराबाद भारत सरकार के पृथ्वी विज्ञान मंत्रालय के अंतर्गत एक स्वायत्त निकाय है।
Indian National Centre for Ocean Information Services (INCOIS), Hyderabad is an autonomous body under Ministry of Earth Sciences, Government of India.

निम्न विवरणों के लिए पंजीकृत विक्रेताओं से निविदाएं /बोलियां आमंत्रित की जाती हैं। जीईएम की एक अधिप्राप्ति होने के नाते बोलियां केवल सरकारी ई बाज़ार (जीईएम) **http://gem.gov.in/** द्वारा ऑनलाइन ही जमा करवानी होंगी । 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)	हैदराबाद स्थित INCOIS के मुख्य भवन के भूतल पर स्थित ग्लास रूम/डेटा सेंटर के लिए तीन (3) नग एयर-कूल्ड प्रिसीजन एयर कंडीशनिंग (PAC) इकाइयों की आपूर्ति, स्थापना, परीक्षण एवं प्रचालन-प्रारंभ। प्रत्येक इकाई की शुद्ध सेंसिबल कूलिंग क्षमता खंड 5.2 में निर्दिष्ट परिस्थितियों में कम-से-कम 80 kW होगी। कार्य में रेफ्रिजरेंट पाइपिंग एवं उससे संबंधित अन्य कार्य भी शामिल होंगे। इसके अतिरिक्त, मौजूदा चार (4) नग 22 TR क्षमता वाली PAC इकाइयों, उनकी तांबे की रेफ्रिजरेंट पाइपिंग तथा पुराने सर्वरों के लिए प्रयुक्त चिल्ड-वॉटर पाइपिंग को वापस लेने की व्यवस्था (बाय-बैक) के आधार पर हटाना भी इस कार्य में शामिल होगा। उक्त कार्य के साथ पाँच (5) वर्ष की व्यापक स्थल-आधारित वारंटी प्रदान की जाएगी। "Supply, installation, testing and commissioning of three (3) Nos. air-cooled precision air conditioning (PAC) units, each delivering not less than 80 kW net sensible cooling capacity at the conditions of Clause 5.2, for the Glass Room / Data Centre (Ground floor, Main Building), with refrigerant piping and allied works, including removal of the existing four (4) Nos. 22 TR PAC units, their copper refrigerant piping and the chilled-water piping that served the old servers, on buyback basis, along with five (5) years comprehensive on-site warranty at INCOIS, Hyderabad	इंकॉइस:क्रय: 58/2026 INCOIS: PUR: 58/2026	जीईएम/2026/बी/8211324 दिनांक: 28.10.2026 GEM/2026/B/8211324 dated 28.10.2026	18.11.2026 17:00:00

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

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)/Mr. Dasari Prasad (email: dasariprasad@incois.gov.in)

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

बिड संख्या/Bid Number: GEM/2026/B/8211324

दिनांक /Dated: 28-10-2026

बिड दस्तावेज़ / Bid Document

बिड विवरण/Bid Details	
बिड बंद होने की तारीख/समय /Bid End Date/Time	18-11-2026 17:00:00
बिड खुलने की तारीख/समय /Bid Opening Date/Time	19-11-2026 17:00:00
बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)	90 (Days)
मंत्रालय/राज्य का नाम/Ministry/State Name	Ministry Of Earth Sciences
विभाग का नाम/Department Name	Department Of Earth Sciences
संगठन का नाम/Organisation Name	Earth Sciences Secretariate
कार्यालय का नाम/Office Name	Indian National Centre For Ocean Information Servi
शिकायत निवारण के संपर्क विवरण/ Contact details of Grievance redressal	HOD Email id :bala@incois.gov.in Buyer Email id: dasariprasad@incois.gov.in
कुल मात्रा/Total Quantity	1227
वस्तु श्रेणी /Item Category	PAC unit 80 kW SITC with 5 yr warranty - net of buyback , Refrigerant copper piping pair with insulation , IDU to condenser interconnecting control cables , Additional refrigerant charge and oil for field piping , 32 mm uPVC drain line with insulation , 25 mm CPVC humidifier water line , Condenser MS stand for two condensers , Any additional item for completion of work
GeMARPTS में खोजी गई स्ट्रिंग्स / Searched Strings used in GeMARPTS	precision air conditioner, comprehensive maintenance precision air conditioner year 2, comprehensive maintenance precision air conditioner year 3, comprehensive maintenance precision air conditioner year 4, comprehensive maintenance precision air conditioner year 5

बिड विवरण/Bid Details	
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	**Searched String**: precision air conditioner Precision Air Conditioner, Panel Air Conditioner, Split Air Conditioner, Wall Mount Type (V3) ISI Marked to IS 1391 (Part 2), Unitary Air Conditioner (Window AC) (V3) ISI Marked to IS 1391 (Part 1), Laboratory Hot Air Oven (V2), Split Air Conditioner Including Green AC, Wall Mount Type (V2), Split Air Conditioner, Floor Mount Type (Tower AC) Marked to IS 1391 (Part 2) (V3), Air Curtain, Multiple Split System Air Conditioners and Air to Air Heat Pumps (VRF Air Conditioners) Conforming to IS 18728, Ducted and Package Air Conditioners ISI Marked to IS 8148 **Searched String**: comprehensive maintenance precision air conditioner year 2 Comprehensive Annual Maintenance Services for Precision Air Conditioners, Annual Maintenance service-AIR CONDITIONER, ANNUAL MAINTENANCE SERVICE FOR Centralised air conditioning system, Operation And Maintenance Of HVAC System (Heating, Ventilation And Air Conditioning System) **Searched String**: comprehensive maintenance precision air conditioner year 3 Comprehensive Annual Maintenance Services for Precision Air Conditioners, Annual Maintenance service-AIR CONDITIONER, ANNUAL MAINTENANCE SERVICE FOR Centralised air conditioning system, Operation And Maintenance Of HVAC System (Heating, Ventilation And Air Conditioning System) **Searched String**: comprehensive maintenance precision air conditioner year 4 Comprehensive Annual Maintenance Services for Precision Air Conditioners, Annual Maintenance service-AIR CONDITIONER, ANNUAL MAINTENANCE SERVICE FOR Centralised air conditioning system, Operation And Maintenance Of HVAC System (Heating, Ventilation And Air Conditioning System) **Searched String**: comprehensive maintenance precision air conditioner year 5 Comprehensive Annual Maintenance Services for Precision Air Conditioners, Annual Maintenance service-AIR CONDITIONER, ANNUAL MAINTENANCE SERVICE FOR Centralised air conditioning system, Operation And Maintenance Of HVAC System (Heating, Ventilation And Air Conditioning System)
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	• Precision Air Conditioner • Radiator as per Drawing (BHEL)
बीओक्यू शीर्षक /BOQ Title	SITC of 3 Nos of Air Cooled PAC Units

बिड विवरण/Bid Details	
पिछले 3 वित्तीय वर्षों का बिडर का न्यूनतम औसत वार्षिक वित्तीय टर्नओवर/Minimum Average Annual Turnover of the bidder (For the last 3 Financial Years)	52.5 Lakh (s)
उन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष/Years of Past Experience Required for same/similar service	3 Year (s)
टर्नओवर पात्रता मानदंड/Turnover eligibility criteria	GeM verified turnover
वर्षों के अनुभव एवं टर्नओवर से एमएसई को छूट प्राप्त है / MSE Relaxation for Years Of Experience and Turnover	Yes | Complete
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / Startup Relaxation for Years Of Experience and Turnover	Yes | Complete
विक्रेता से मांगे गए दस्तावेज़/Document required from seller	Experience Criteria,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,Additional Doc 1 (Requested in ATC),Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेज़ों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेनू है/Do you want to show documents uploaded by bidders to all bidders participated in bid?	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension	3
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	7
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	1
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	No
बिड का प्रकार/Type of Bid	Two Packet Bid
प्राथमिक उत्पाद श्रेणी/Primary product category	PAC unit 80 kW SITC with 5 yr warranty - net of buyback
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	4 Days

बिड विवरण/Bid Details	
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
वित्तीय दस्तावेज की आवश्यकता है / Financial Document Required	Yes
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

ईएमडी विवरण/EMD Detail

एडवाईजरी बैंक/Advisory Bank	State Bank of India
ईएमडी राशि/EMD Amount	210000

ईपीबीजी विवरण /ePBG Detail

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

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

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

(c).ईएमडी और संपादन जमानत राशि लाभार्थी के पक्ष में होनी चाहिए। / Earnest Money Deposit (EMD) shall also be accepted by the buyer in the form of a surety bond.

लाभार्थी /Beneficiary :
DIRECTOR INCOIS
Payable at INCOIS Hyderabad Indian National Centre for Ocean Information Services, Ministry of Earth Sciences, Gol, Pragathi Nagar, Hyderabad-90
(Director Incois)

बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

एमआईआई खरीद वरीयता / MII Purchase Preference

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

एमएसई खरीद वरीयता/MSE Purchase Preference

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

1. If the bidder is a Micro or Small Enterprise as per latest orders issued by Ministry of MSME, the bidder shall be relaxed from the eligibility criteria of "Experience Criteria" as defined above subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Experience Criteria, shall upload the supporting documents to prove his eligibility for Relaxation.
2. If the bidder is a Micro or Small Enterprise (MSE) as per latest orders issued by Ministry of MSME, the bidder shall be relaxed from the eligibility criteria of "Bidder Turnover" as defined above subject to meeting of quality and technical specifications. If the bidder itself is MSE OEM of the offered products, it would be relaxed from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Turnover, shall upload the supporting documents to prove his eligibility for Relaxation.
3. If the bidder is a DPIIT registered Startup, the bidder shall be relaxed from the the eligibility criteria of "Experience Criteria" as defined above subject to their meeting of quality and technical specifications. The bidder seeking Relaxation from Experience Criteria, shall upload the supporting documents to prove his eligibility for Relaxation.
4. If the bidder is a DPIIT registered Startup, the bidder shall be relaxed from the the eligibility criteria of "Bidder Turnover" as defined above subject to their meeting of quality and technical specifications. If the bidder is DPIIT Registered OEM of the offered products, it would be relaxed from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Turnover shall upload the supporting documents to prove his eligibility for Relaxation.
5. The minimum average annual financial turnover of the bidder during the last three financial years, ending on 31st March of the previous financial year, should be as indicated in the bid document. The turnover of the bidder

shall be validated by the system based on the financial data available on the GeM portal. The average turnover shall be calculated based on the last three financial years where data is available; in case data is available for only two of the last three financial years, the average shall be computed based on those two years. In case the date of constitution / incorporation of the bidder is less than three years old, the average turnover in respect of the completed financial years after the date of constitution / incorporation shall be taken into account for this criterion. No separate documentary evidence is required to be uploaded by the bidder for this criterion, as the system shall derive and validate the turnover figures from the data available on the GeM portal.
6. 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.
7. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.
OM_No.1_4_2021_PPD_dated_18.05.2023 for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017 and its subsequent Orders/Notifications issued by concerned Ministry .Benefits of MSE will be allowed only if seller/service provider is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

8. **Purchase preference to Micro and Small Enterprises (MSEs):** Purchase preference will be given to MSEs having valid Udyam Certificate and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service, and Buyer will decide eligibility for purchase preference based on documentary evidence submitted in case of product bids, whereas in case of services the eligibility is automatically validated. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM_No.1_4_2021_PPD_dated_18.05.2023 for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.
9. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

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

PRICE BID - 1793184176.xlsx

PAC Unit 80 KW SITC With 5 Yr Warranty - Net Of Buyback

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

तकनीकी विशिष्टियाँ /**Technical Specifications**

Specification Document	View File
BOQ Detail Document	View File

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

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

क्र.सं./S.No.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Reddipalli Velangini Giridhar	500090,Indian National Centre for Ocean Information Services (INCOIS), Ministry of Earth Sciences, Government of India, Ocean valley, Pragathi Nagar BO, Nizampet SO, Hyderabad - 50090 INDIA	3	133

Refrigerant Copper Piping Pair With Insulation

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

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IDU To Condenser Interconnecting Control Cables

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

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1	Reddipalli Velangini Giridhar	500090,Indian National Centre for Ocean Information Services (INCOIS), Ministry of Earth Sciences, Government of India, Ocean valley, Pragathi Nagar BO, Nizampet SO, Hyderabad - 50090 INDIA	500	133

Additional Refrigerant Charge And Oil For Field Piping

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

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1	Reddipalli Velangini Giridhar	500090,Indian National Centre for Ocean Information Services (INCOIS), Ministry of Earth Sciences, Government of India, Ocean valley, Pragathi Nagar BO, Nizampet SO, Hyderabad - 50090 INDIA	120	133

32 Mm UPVC Drain Line With Insulation

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

तकनीकी विशिष्टियाँ /Technical Specifications

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1	Reddipalli Velangini Giridhar	500090,Indian National Centre for Ocean Information Services (INCOIS), Ministry of Earth Sciences, Government of India, Ocean valley, Pragathi Nagar BO, Nizampet SO, Hyderabad - 50090 INDIA	50	133

25 Mm CPVC Humidifier Water Line

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

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Condenser MS Stand For Two Condensers

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

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Any Additional Item For Completion Of Work

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

तकनीकी विशिष्टियाँ /Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

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

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

क्र.सं./S.No.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Reddipalli Velangini Giridhar	500090,Indian National Centre for Ocean Information Services (INCOIS), Ministry of Earth Sciences, Government of India, Ocean valley, Pragathi Nagar BO, Nizampet SO, Hyderabad - 50090 INDIA	1	133

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

1. **Generic**

   OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be (Increased quantity ÷ Original quantity) × Original delivery period (in days), subject to

minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

2. **Buyer Added Bid Specific ATC**

   Buyer Added text based ATC clauses

   Supply, installation, testing and commissioning of three (3) Nos. air-cooled precision air conditioning (PAC) units, each delivering not less than 80 kW net sensible cooling capacity at the conditions of Clause 5.2, for the Glass Room / Data Centre (ground floor, Main Building), with refrigerant piping and allied works, including removal of the existing four (4) Nos. 22 TR PAC units, their copper refrigerant piping and the chilled-water piping that served the old servers, on buyback basis, along with five (5) years comprehensive on-site warranty at INCOIS, Hyderabad

   Completion period: nineteen (19) weeks from the date of the GeM contract, as per the programme at Clause 10.1. Liquidated damages for delay as per the GeM General Terms and Conditions (GTC)

   .

   Completion period: nineteen (19) weeks from the date of the GeM contract, as per the programme at Clause 10.1. Liquidated damages for delay as per the GeM General Terms and Conditions (GTC)

   .

   .

3. **Buyer Added Bid Specific ATC**

   Buyer uploaded ATC document Click here to view the file.

4. **Service & Support**

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

5. **Service & Support**

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

अस्वीकरण/Disclaimer

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

1. Publishing Custom / BOQ bids for items for which regular GeM categories are available (unless such Custom / BOQ item is bunched with the major regular product Category Item).

2. Mandating procurement of / from specific Brand / Make / Model / Manufacturer / Dealer except in case of Single Bid / Proprietary Article Certificate (PAC) Buying.
3. Inclusion of disqualification criteria related to suspension of seller / service provider, where such suspension period has already expired.
4. Mandating submission of documents (other than EMD and signed Integrity Pact - which can be submitted within 5 days of bid opening) in physical form as a pre-requisite to qualify bidders.
5. Publishing bids on GeM for procurement of works.
6. Procurement of Goods by creating a Service bid on GeM & vice-versa.
7. Seeking sample with bid or approval of samples during bid evaluation process. However, trial / sample, as the case may be, shall be permitted in cases where trial / sample are allowed as per approved and published procurement policy of the Buyers' controlling Ministry / Department / State / Public Sector Enterprises Headquarters. If there is any violation of trial / sample clause with regard to approved policy of the Buyers' Ministry / Department / State / Public Sector Enterprises Headquarters, then this is to be determined and redressed by the concerned Buyer Organisation only.
8. Seeking experience from specific organization / department / institute only or from foreign / export experience.
9. Creating bid for items from incorrect categories.
10. Reference of conditions published on any external site or reference to external documents/clauses.
11. Asking for any Tender fee / Bid Participation fee, as the case may be.
12. Buyer added ATC Clauses which are in contravention of clauses defined in bid detail section, including specifications, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by the applicable GeM GTC.
13. Any ATC clause in contravention with GeM GTC Clause 4 (xiii) (h) will be invalid. In case of multiple L1 bidders against a service bid, the buyer shall place the Contract by selection of a bidder amongst the L-1 bidders through a Random Algorithm executed by GeM system.
14. In a category based bid, adding additional items, through buyer added, additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogues or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

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

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

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

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

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

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

This Bid is governed by the General Terms and Conditions, conditions stipulated in Bid and Service

Level Agreement specific to the Service, as the case may be, as provided in the Marketplace.

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

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

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

---धन्यवाद/Thank You---

Ref: INCOIS:PUR:58/2026 **Date: 28.10.2026**

Sub: "Supply, installation, testing and commissioning of three (3) Nos. air-cooled precision air conditioning (PAC) units, each delivering not less than 80 kW net sensible cooling capacity at the conditions of Clause 5.2, for the Glass Room / Data Centre (ground floor, Main Building), with refrigerant piping and allied works, including removal of the existing four (4) Nos. 22 TR PAC units, their copper refrigerant piping and the chilled-water piping that served the old servers, on buyback basis, along with five (5) years comprehensive on-site warranty at INCOIS, Hyderabad"

1. Introduction

The Indian National Centre for Ocean Information Services (INCOIS), Hyderabad, an autonomous body under the Ministry of Earth Sciences (MoES), Govt. of India, provides ocean information and advisory services. Its work covers the 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. These services run from the INCOIS Data Centre round the clock.

The Glass Room / Data Centre, on the ground floor of the Main Building and enclosed by a curved glass partition, is at present cooled by four (4) Nos. 22 TR floor-mounted precision air conditioning (PAC) units installed in 2009-10, running on R-22 refrigerant. The OEM has declared these units as end of service life. INCOIS proposes to replace them with three (3) Nos. new units, each delivering not less than 80 kW net sensible cooling capacity at the conditions of Clause 5.2, working as two duty and one standby (N+1), and to hand over the four old units, their copper refrigerant piping and the chilled-water piping that served the old servers to the successful bidder as one lot on buyback basis, including their dismantling and removal from the campus.

The Data Centre shall remain in operation throughout the work. The bidder shall plan the supply, installation and removal in stages so that cooling to the Data Centre is not interrupted (Section 7).

2. Eligibility criteria

Only those bidders who meet all of the following criteria should respond. Documentary proof for each criterion shall be uploaded with the techno-commercial bid.

2.1 **Legal status:** The bidder shall be a company registered under the Companies Act, 1956 / 2013, or a registered partnership / LLP / proprietary firm in India, with valid GST registration and PAN.

2.2 **OEM or authorised bidder:** The bidder shall be the OEM of the PAC units offered, or a dealer / system integrator authorised by the OEM for this bid. Where the bidder is not the OEM, a Manufacturer's Authorisation Form (MAF) from the OEM, addressed to INCOIS and quoting this bid reference, shall be submitted as per Annexure-II. The MAF shall confirm (i) OEM support for commissioning, (ii) back-to-back OEM support for the full five-year warranty, and (iii) availability of spares for at least ten (10) years from the date of commissioning. In all cases, whether the bidder is the OEM or an authorised dealer / system integrator, an OEM warranty certificate / undertaking on the OEM's letter head, addressed to INCOIS and quoting this bid reference, confirming five (5) years comprehensive on-site warranty (one year standard + four years extended) for the PAC units and condensers offered, from the date of final acceptance, shall be submitted along with the bid. Bids without it will be rejected.

2.3 **Turnover:**

2.4 **Experience:** The bidder shall have satisfactorily completed similar works during the last seven (7) years ending on the day before the last date of bid submission, meeting any one of the following:

Sl.	Requirement	Value of each work (not less than)
(a)	One (1) completed similar work	Rs. 80,00,000/- (Rupees Eighty lakh only)
(b)	OR two (2) completed similar works	Rs. 50,00,000/- (Rupees Fifty lakh only) each
(c)	OR three (3) completed similar works	Rs. 40,00,000/- (Rupees Forty lakh only) each

"Similar work" means supply, installation, testing and commissioning of precision air conditioning units, or of air-cooled DX package / ductable / VRF air conditioning systems including refrigerant piping and electrical work, for a Government Department, PSU, autonomous body, educational or research institution, data centre, hospital or corporate establishment. A supply-only order will not be counted. Completion certificates from the client, quoting the order number, date, scope, value and date of completion, shall be enclosed with copies of the corresponding orders.

2.5 **Specific experience in precision air conditioning:** In addition to Clause 2.4, the bidder shall have installed and commissioned at least two (2) floor-mounted precision air conditioning units, each of net cooling capacity not less than 10 TR, in one or more data centres / server rooms / control rooms during the last seven (7) years, and these shall have been in satisfactory operation for at least six (6) months. Client certificate with contact details shall be enclosed. This criterion is not relaxed for any category of bidder, as the work is in a live Data Centre.

2.6 **Service set-up in Hyderabad:** The bidder or the OEM shall have a registered operational office, branch or service establishment within Hyderabad for not less than two (2) years, to meet the response time at Clause 9.4. Proof: GST registration with the Hyderabad address and any one of lease agreement, property tax receipt, Shops and Establishments registration or electricity bill. A bidder without such an office shall submit a written undertaking to set up a service centre in Hyderabad, with trained technicians and stock of critical spares, within 30 days of the contract, and before the first unit is commissioned.

2.7 **Site visit:** Site Visit Certificate at Annexure-VI, signed by the INCOIS representative. Bids without it will be rejected. The site visit may be made on any working day between 10:00 and 16:00 Hrs, up to two (2) working days before the bid end date, with prior intimation to the Engineer-in-Charge. The Glass Room, the raised floor, the positions of the existing units and condensers, the pipe routes, the lifting path and the condition of the old units have to be seen before quoting. No claim on account of a site condition that could have been seen at the visit will be entertained after award of contract.

2.8 **Earnest Money Deposit:** As per Clause 12.5.

2.9 **Declarations:** Self Declaration (Annexure-I) and Eligibility Declarations (Annexure-V), including the declaration under Rule 144 (xi) of GFR 2017 (bidders from countries sharing a land border with India) and the self-certification of local content under the Public Procurement (Preference to Make in India) Order, 2017, as amended. Only Class-I and Class-II local suppliers are eligible to bid, as per the said Order.

2.10 **Escalation matrix:** The bidder shall provide an escalation matrix with names, designations, mobile numbers and e-mail IDs (at least three levels) for complaints during installation and the warranty period.

3. Scope of work

The contractor shall carry single-point responsibility for the complete work: design of the installation to suit the site, supply, installation, testing, commissioning, removal of the old units, and five (5) years comprehensive on-site warranty. The contractor shall provide all materials, labour, tools, lifting equipment and consumables needed to complete the work and hand it over in working order. The scope includes:

(a) **Joint inspection** with the INCOIS team within 7 days of the contract: measurement of the Glass Room and raised floor (height, tile size, under-floor obstructions), positions of the existing indoor units and outdoor condensers, refrigerant pipe routes and actual pipe lengths for each circuit, the existing PAC feeders and the routes, lengths and condition of the existing power cables proposed for reuse, the drain and water points, and the lifting path and door openings. The record shall be signed by both sides.

(b) **Submissions for approval** within 14 days of the contract and before dispatch: make and model offered; OEM-endorsed selection print-out for the exact indoor unit and matching condensers at the rating conditions of Clause 5.2 (43 °C ambient) and at 46 °C ambient (Clause 5.6), including measured equivalent length and all applicable site corrections; final selection approval shall precede manufacture and dispatch; general arrangement drawing of the indoor unit and condenser; layout drawing showing unit positions, pipe and cable routes and condenser positions; electrical data (full-load current, maximum power input and starting current) for each unit; BMS point list; the phasing plan (Section 7); and the method statement for lifting and for hot work inside the Data Centre.

(c) **Supply** of three (3) Nos. PAC units, each meeting the minimum 80 kW net sensible cooling capacity requirement of Clause 5.2, each with two (2) matching air-cooled condensers, MS floor stand for the indoor unit, return air damper, water leak sensor, team (sequencing) control and BMS card, as per Section 5.

(d) **Installation** of the units and condensers, refrigerant piping with insulation and NRV on the liquid line at each condenser, interconnecting control cables between the indoor unit and its condensers (the existing power cables may be reused, as per Section 6), drain and humidifier water lines, termination of the existing power cables from the isolator provided by INCOIS, earthing, fire alarm (SDCP) interlock wiring and team control wiring, as per Section 6.

(e) **Testing and commissioning** of every unit by an engineer authorised by the OEM, including team control, standby changeover, BMS communication and a 72-hour trial run of the complete system (Section 9).

(f) **Phased removal** of the existing four (4) PAC units with their condensers, stands, piping and cables, with recovery of the R-22 refrigerant, and dismantling and removal from campus of the chilled-water piping that served the old servers, all as one lot on buyback basis, as part of Item 1 (Section 7 and Annexure-VIII).

(g) **Minor civil and raised floor works:** core cutting (non-structural), cutting of raised floor tiles with edge trims and grommets, fire-stopping of openings, closing of openings left by the old units, plaster and paint touch-up and making good of all damage caused during the work, including repair of any damage to the flooring, raised floor or curved glass partition, at no additional cost (Section 10).

(h) **Handover:** as-built drawings, test and commissioning reports, O&M manuals, warranty certificate and training of INCOIS staff.

(i) **Warranty:** five (5) years comprehensive on-site warranty (one year standard + four years extended) covering all parts, consumables, filters, refrigerant and labour, with scheduled preventive maintenance and unlimited breakdown calls (Clause 9.4).

3.1 Not in scope (to be provided by INCOIS)

- 415 V, 3-phase power supply from the existing PAC feeders up to an isolator near each indoor unit. The contractor shall declare the electrical data of the unit offered at the time of submission (Clause 3(b)) so that INCOIS can check the feeders.
- A potential-free contact from the existing smoke detection control panel (SDCP) for unit shutdown. Wiring from this contact to the units is in the contractor's scope.
- BMS head-end software and graphics. The contractor shall supply the BMS card, the point list and attend the mapping of points with the BMS agency.

- Any cutting of beams, columns or slabs. Not permitted.

3.2 Rates

Every rate quoted is for the item complete in all respects, including transport to site, unloading, storage, lifting and shifting, installation, all accessories and fixings, testing, commissioning, removal of debris and the warranty stated against the item. Nothing extra is payable on any of these accounts. The bidder shall assess the site at the visit; no claim for an extra item will be entertained on account of any work needed to complete the installation in working order. Any additional item needed for satisfactory completion of the work that is not listed in the BoQ shall be quoted under Item 2(g); no extra payment will be made beyond the price of the bid items.

4. Design basis

The PAC units shall be selected, and the installation designed, on the following basis. The values are binding for the bid.

Sl.	Parameter	Design value
4.1	Application	Glass Room / Data Centre with raised floor; 24 hours x 7 days x 365 days duty
4.2	Configuration	Three (3) units: two (2) duty + one (1) standby (N+1), with automatic changeover and rotation of duty
4.3	Room design condition	21 ± 2 °C DB and 50 ± 5 % RH, round the year
4.4	Air distribution	Downflow: supply air into the raised floor plenum; return air from the room to the top of the unit
4.5	Rating point for capacity	Return air to unit 26 °C DB, 35 % RH; outdoor ambient 43 °C DB; external static pressure 20 Pa
4.6	Net sensible capacity required	Not less than 80 kW net sensible cooling per unit; not less than 160 kW from any two duty units together, with the third unit available as standby, at the conditions and after the corrections specified in Clause 5.2
4.7	Outdoor design limits	Continuous operation from 10 °C to 46 °C ambient (Hyderabad summer peaks)
4.8	Condensers	Two (2) air-cooled condensers per indoor unit, one per refrigerant circuit; six (6) in all, at the location fixed at joint inspection
4.9	Refrigerant pipe length	Indicative total of 500 running metres of pipe pair (hot gas + liquid) for six (6) circuits. Actual length of each circuit to be measured at joint inspection.
4.10	Power supply	415 V ± 10 %, 3-phase, 4-wire, 50 Hz, from DG-backed PAC feeders
4.11	Fire safety	Unit shutdown on signal from SDCP; restart only after manual reset
4.12	Monitoring	Connection to the INCOIS BMS on an open protocol (Modbus RTU / BACnet / SNMP)
4.13	Energy	Variable-capacity compressors, EC fans and electronic expansion valves, so that the units run efficiently at part load; net sensible EER not less than 2.3 at the rating point

Note on the rating point: Air returning to the unit at 26 °C DB and 35 % RH carries about the same moisture as room air at 21 °C DB and 50 % RH. This moisture comparison does not establish the actual return-air condition or prove the absence of latent cooling. Bidders shall quote capacity at the specified rating point for comparison. The approved air-distribution design shall justify the expected PAC return-air conditions and define the room-temperature measurement locations; OEM performance at the expected operating return-air conditions shall also be submitted.

Note on pipe length: Capacity of a DX unit falls as the refrigerant pipe gets longer. The bidder shall state the net sensible capacity of the model offered at the actual equivalent pipe length (from the OEM selection software), and this shall also be not less than 80 kW. The selection shall include actual equivalent length, fittings and vertical separation for each circuit. No circuit shall exceed the OEM's approved maximum length or lift. Any extended-piping arrangement shall have written OEM approval and include all required kits and oil traps within the quoted rates; the additional refrigerant charge shall be paid under Item 2(c). For the bid-stage selection, bidders shall assess the indicative pipe length and vertical lift of each circuit at the mandatory site visit and state them in the selection; final jointly measured values shall be used for approval before manufacture and dispatch.

5. Technical specifications of PAC unit

Floor-mounted, air-cooled, direct-expansion precision air conditioning unit with two matching air-cooled condensers. Quantity: three (3) sets. The values below are the minimum required. Bidders shall state the actual value offered against every clause (Table-1).

Clause	Parameter	Requirement
A. Performance		
5.1	Type	Floor-mounted, air-cooled DX precision air conditioning unit, downflow (bottom discharge), top return, for close control of temperature and humidity; designed for 24 x 7 x 365 operation
5.2	Net sensible cooling capacity	Not less than 80.0 kW net sensible cooling per unit, complete with matching condensers, at return air 26 °C DB / 35 % RH, condenser-entering outdoor air 43 °C DB and ESP 20 Pa, at the declared design airflow. Capacity shall be after deduction of indoor fan heat and application of applicable OEM corrections for site elevation, actual equivalent refrigerant piping length and vertical separation for each circuit. This requirement applies individually to all three units; any two duty units shall provide not less than 160.0 kW net sensible cooling at these conditions, with the third available as standby. Nominal TR, model designation, gross capacity or total cooling capacity shall not substitute for the specified net sensible capacity. OEM-endorsed selection output shall substantiate compliance.
5.3	Net total cooling capacity and SHR	Net total capacity not less than 80 kW at the same conditions; net sensible capacity shall independently meet Clause 5.2. Declare net total and net sensible cooling capacities at identical conditions and on a consistent net basis. Net sensible heat ratio (net sensible capacity divided by net total capacity) shall be not less than 0.95

Clause	Parameter	Requirement
5.4	Airflow	Not less than 20,000 m^3/h per unit at the rated ESP. The Clause 5.2 capacity selection shall use the declared design airflow and account for the specified filters, return-air damper and actual air-path resistance. Submit fan selection and raised-floor air-distribution calculations for approval; any required increase above the specified minimum ESP shall not reduce the guaranteed net sensible capacity
5.5	Energy efficiency	Net sensible EER not less than 2.3 at the conditions of Clause 5.2 (kW/kW: net sensible capacity divided by unit power input of compressors and indoor fans). Also declare whole-system cooling power, including compressors, indoor fans, condenser fans and normal cooling controls, and the corresponding whole-system net sensible efficiency at identical conditions, with reheat and humidification inactive. The minimum 2.3 applies to the stated compressor-and-indoor-fan basis, not to the separately reported whole-system metric
5.6	High ambient operation	Continuous operation without high-pressure trip at outdoor ambient up to 46 °C; net sensible capacity at 46 °C to be declared in OEM-endorsed selection output, at the same return-air conditions, design airflow and ESP, and with the same site and piping corrections as Clause 5.2. The 80 kW minimum in Clause 5.2 is guaranteed at 43 °C; operation at 46 °C shall not be represented as a guarantee of 80 kW at that ambient
5.7	Low ambient operation	Stable operation down to 10 °C outdoor ambient through condenser fan speed control
B. Refrigeration circuit		
5.8	Refrigerant circuits	Two (2) independent circuits per unit, each with its own compressor(s) and its own condenser, so that half the capacity stays available if one circuit fails. Submit OEM-endorsed residual net sensible capacity for failure of either circuit at the Clause 5.2 conditions and demonstrate automatic standby-unit start on circuit failure
5.9	Compressors	Hermetic scroll; at least one variable-capacity compressor (digital scroll or inverter-driven scroll) in each circuit, giving step-less capacity control to follow the load; with crankcase heater, high and low pressure switches and discharge temperature protection
5.10	Expansion device	Electronic expansion valve (EEV) in each circuit
5.11	Refrigerant	R-410A. An OEM-approved alternative with zero ODP and lower GWP may be offered. HCFC refrigerants not acceptable
5.12	Evaporator coil	Seamless copper tubes with aluminium fins, hydrophilic coated; drain tray of stainless steel or coated metal with slope to drain
C. Air side		

Clause	Parameter	Requirement
5.13	Indoor fans	EC (electronically commutated) backward-curved plug fans, at least two (2) per unit, with continuous speed control; the unit shall keep running on the remaining fans if one fan fails. Declare OEM-supported residual airflow and net sensible capacity following one-fan failure and demonstrate the associated alarm and standby-unit start
5.14	Air filters	Pleated filters classified to ISO 16890 ePM10 50 % or better, supported by the manufacturer's classification report, on the return side, with differential pressure switch for clogged-filter alarm
5.15	Electric reheat	Not less than 7.5 kW, low surface temperature finned elements, with two independent thermal safety cut-outs
5.16	Humidifier	Infrared or ultrasonic type, not less than 10 kg/h, with automatic flushing and water solenoid valve; suitable for the local water quality (bidder to check at site)
5.17	Cabinet	Cabinet of CRCA sheet steel, externally finished with RAL 7021 epoxy-polyester powder coating. Fan section and side panels double-skinned, with glass wool insulation 10 to 20 mm thick and of 40 kg/m³ density, faced or encapsulated so that no fibres enter the air stream.
5.18	Indoor unit footprint	Not more than 1750 mm (W) x 890 mm (D) x 2570 mm (H) per unit, to fit the space available with front service clearance (bidders shall verify the available space, floor-stand height, service clearances and access route at the site visit; the guaranteed capacity shall not be reduced to fit the space)
5.19	Sound level	Not more than 68 dB(A) at 2 m, free field
D. Outdoor condensers		
5.20	Type	Air-cooled, two (2) per indoor unit (one per circuit); copper tube / aluminium fin coil with anti-corrosion coating; galvanised and powder-coated steel or aluminium casing
5.21	Condenser fans	EC or variable-speed axial fans with head pressure control; motors IP54 or better
5.22	Sound level	Not more than 60 dB(A) at 5 m, free field
E. Controls and monitoring		
5.23	Unit controller	Microprocessor controller with display and password-protected access; control of temperature and humidity; alarm history of at least 200 events; run-hour counters for compressors, fans, heater and humidifier; automatic restart after power failure with adjustable time delay so that units start one after another
5.24	Team control	The three units shall work as one group: rotation of duty and standby at set intervals; automatic start of the standby unit on failure of a duty unit or on high room temperature; load sharing between running units

Clause	Parameter	Requirement
5.25	Alarms	High / low temperature and humidity, high / low refrigerant pressure, compressor fault, fan failure, filter clogged, water leak, humidifier fault, heater overheat, phase failure / reversal, fire trip; with one potential-free common alarm contact
5.26	BMS communication	Communication card on Modbus RTU (RS-485), BACnet/IP or SNMP, compatible with the existing INCOIS BMS (protocol to be confirmed by the bidder at the site visit), with full point list identifying read-only and authorised writable points. The selected protocol shall be stated in the bid and demonstrated at commissioning
5.27	Fire interlock	Shutdown of unit on SDCP potential-free contact; restart only after manual reset
5.28	Water leak detection	Water leak sensor (spot or rope type) under each unit, wired to the unit controller
F. Accessories, electrical and general		
5.29	Return air damper	Gravity or motorised back-draft damper on each unit, to stop reverse airflow through the standby unit (factory fitted)
5.30	Floor stand	MS floor stand, powder coated, with adjustable legs and anti-vibration pads, height to suit the raised floor; with air turning vane where required by the OEM
5.31	Electrical	415 V ± 10 %, 3-phase, 50 Hz; main isolator on the unit; MCB / MPCB protection for each compressor, fan, heater and humidifier; phase failure and phase reversal protection. Condensers powered from the indoor unit as per the OEM
5.32	Electrical data	Full-load current, maximum power input (with heater and humidifier on) and starting current of the unit and condensers to be declared in the bid
5.33	Certification	Capacity declared as per EN 14511 or an equivalent standard test; CE marking or equivalent; manufacturing plant certified to ISO 9001. Identify the test standard and edition, rating conditions, gross/net basis, indoor fan-heat allowance and applicable corrections. Standard-rating data shall not replace the site-specific Clause 5.2 selection and capacity verification
5.34	Spares	OEM undertaking for availability of spares for at least ten (10) years from commissioning
5.35	Documents with bid	OEM datasheet and OEM-endorsed selection print-out for the exact indoor unit and matching condenser models offered, showing the value against each clause above. Include bid-stage selection against the circuit-by-circuit pipe lengths and lifts assessed at the site visit, and declare return-air conditions, outdoor ambient, site elevation, airflow, ESP, filter and damper resistance, gross and net sensible and total capacities, indoor fan-heat allowance, component power inputs and all correction assumptions. Submit selections at both 43 °C and 46 °C ambient. An entry of "complied" without the value will be treated as non-responsive

6. Installation, piping, electrical and allied works

Work shall be done to the OEM's installation manual, the CPWD General Specifications for HVAC Works and the CEA (Measures relating to Safety and Electric Supply) Regulations, 2023. Where these differ, the more stringent requirement applies.

Subject	Requirement
Unit positions	Indoor units at the positions approved in the layout drawing, with the front service clearance and side clearance required by the OEM. Condensers at the location fixed at the joint inspection, with clear space for air intake and discharge.
Lifting and shifting	Units shall be moved over the raised floor on steel plates or plywood sheets to spread the load; no unit shall be wheeled directly over floor tiles. Glass partitions and equipment in the path shall be protected. Any dismantling of doors or partitions for access, and their refixing, is in the contractor's scope. The Glass Room is enclosed by a curved glass partition; the route shall be planned and protected so that no unit, trolley or tool touches the glass. Lifting, shifting and removal shall follow the safety requirements of Section 10.
Floor stand and condenser stands	As per Clause 5.30. Condenser stands of MS sections, hot-dip galvanised or painted with primer and two coats of enamel, with anti-vibration pads, fixed with anchor fasteners. Where condensers are placed on a roof, the stands shall spread the load onto beams as directed by the Engineer-in-Charge.
Refrigerant piping	New hard-drawn / annealed copper tubes conforming to IS 10773 or ASTM B280, of sizes and wall thickness recommended by the OEM for the refrigerant and pipe length. Existing R-22 piping shall not be reused. A non-return valve (NRV) of size and rating as per the OEM shall be provided on the liquid line at each outdoor unit (condenser). Oil traps and supports as per the OEM. Pipes clamped on supports at regular spacing with vibration-isolating clamps.
Brazing and testing	Brazing with silver alloy under flow of dry nitrogen. Piping pressure tested with dry nitrogen at the test pressure specified by the OEM and held for 24 hours with no drop; then evacuated to 500 microns or below and held before charging. Charge recorded circuit by circuit.
Insulation	Closed-cell, fire-retardant nitrile rubber insulation, not less than 13 mm thick, on liquid and hot gas lines. Outdoor runs protected with UV-resistant cladding (aluminium or GI sheet, or UV tape as approved).
IDU to condenser cables	All required interconnecting control / communication cables between each indoor unit and its condensers (and between units for team control), copper conductor, armoured where run outdoors, sizes as per the OEM, laid with the refrigerant piping on tray or clamped, with glands and crimped lugs. Power cables are excluded: the existing power cables may be reused, subject to an insulation-resistance test and confirmation that their size suits the full-load current of the new units. Any existing power cable found unsuitable shall be reported to INCOIS.
Power connection	Termination of the existing power cables from the isolator provided by INCOIS near each indoor unit to the unit terminals, and to the condensers, with double-compression glands and crimped lugs. Where an existing cable falls short of the new terminal position, it shall be extended or re-routed with matching copper armoured XLPE cable to IS 7098 (Part 1) within the quoted rates.

Subject	Requirement
Earthing	Two separate earth connections to each indoor unit and one to each condenser, bonded to the existing earth bar. Earth continuity of 1 ohm or less to be shown.
Drain	uPVC drain pipe of 32 mm with 9 mm nitrile insulation, laid to a fall of not less than 1 in 100, with a trap, up to the nearest drain point. No drain shall run over IT equipment.
Humidifier water line	25 mm CPVC line with ball valve and strainer from the water point nominated by INCOIS to each unit.
Raised floor and civil	Cutting of raised floor tiles for unit and pipe openings with edge trims and brush grommets; under-floor pipe and cable runs kept clear of the air path as far as possible. Core cutting through brick or RCC walls (no cutting of beams, columns or slabs). All wall and floor openings sealed with fire-rated sealant inside and weatherproof sealant outside.
Labelling	Each unit, condenser, circuit pipe pair and cable labelled at both ends with engraved / printed tags matching the as-built drawing.

7. Removal and buyback of existing PAC units and chilled-water piping; phasing of work

(a) Four (4) Nos. 22 TR PAC units of Emerson (Liebert) make, installed in 2009-10, with their outdoor condensers, stands, copper refrigerant piping and cables (other than the power cables reused under Section 6), together with the chilled-water piping that served the old servers, are offered for buyback as one lot on "as is where is" basis. Their details are at Annexure-VII. Bidders shall see them at the site visit. The chilled-water piping is separate from the PAC copper refrigerant piping and shall be dismantled and removed from campus under the same buyback lot. Bidders shall assess the complete lot at the site visit and quote a single lump-sum buyback value for it in the price break-up at Annexure-VIII. The buyback forms part of Item 1, and the rate quoted for Item 1 shall be net of the buyback value. No measurement or weighment will be done by INCOIS.

(b) **Continuity of cooling.** At no time shall fewer than two (2) healthy units (old or new) be in operation for the Data Centre. An old unit shall be switched off and removed only with the written permission of the Engineer-in-Charge. Removal permission shall follow verification that the remaining available cooling capacity meets the approved live sensible load. The phasing plan shall include continuous temperature monitoring, alarm and rollback arrangements, and temporary cooling where necessary to maintain the approved conditions during replacement or a failure.

(c) **Indicative phasing.** The contractor shall submit a detailed phasing plan for approval. The indicative sequence is:

Stage	Work	Units running during the stage
1	Remove one old unit (O-1) with its condensers and piping. Install and commission new unit N-1. Run N-1 for 72 hours without fault.	Three old units (O-2, O-3, O-4)
2	Remove old unit O-2. Install and commission new unit N-2. Run for 72 hours without fault.	O-3, O-4 and N-1

Stage	Work	Units running during the stage
3	Remove old units O-3 and O-4. Install and commission new unit N-3. Commission team control for N-1, N-2, N-3 and run the 72-hour trial of the complete system.	N-1 and N-2. This stage shall be completed within ten (10) days, with the contractor's technician on call round the clock.

(d) Before a new unit is placed at the position of an old unit, all material for that stage (unit, condensers, piping, cables) shall be at site and inspected, so that the stage is not held up for want of material.

(e) **Refrigerant.** The R-22 refrigerant of the old units shall be recovered into cylinders using a recovery machine and shall not be released into the atmosphere. The cylinders with the recovered refrigerant shall be taken away by the contractor along with the buyback lot, at no cost to INCOIS.

(f) **Disposal.** The old units, including controllers and electronic parts, shall be disposed of only through an authorised recycler / dismantler as per the E-Waste (Management) Rules, 2022. A disposal certificate shall be submitted.

(g) Removal covers the indoor units, condensers, stands, existing PAC units' copper refrigerant piping and cables that are not reused, and the chilled-water piping that served the old servers, which shall be dismantled and removed from campus under the buyback lot. The openings and surfaces left behind shall be made good within the quoted rates. Before removal of the chilled-water piping, its extent shall be jointly identified with INCOIS, and it shall be confirmed as isolated from all live services and safely drained. Dismantling, removal and making good shall be done without separate payment. Any damage to the flooring, raised floor or curved glass partition caused during removal shall be repaired at no additional cost to INCOIS, as per Section 10.

(h) The buyback items, including the existing PAC units' copper refrigerant piping and the chilled-water piping that served the old servers, become the property of the contractor only after the GST on the buyback value is recovered by INCOIS from payment (a) (Clause 12.4). They shall be taken out of the campus within 7 days of removal, under a gate pass issued by INCOIS, after joint verification of the material.

(i) GST on the buyback value shall be as applicable under GST law. INCOIS will raise a separate invoice for the buyback items outside the GeM system.

8. Suggestive makes

The makes below show the grade required. An equivalent may be offered with the datasheet, but not a lower grade. Equivalence is decided by INCOIS. The list does not restrict competition; any PAC unit meeting Section 5 in full is acceptable.

Item	Suggestive makes
Precision air conditioning unit	Vertiv (Liebert); Schneider Electric (Uniflair); STULZ; or equivalent meeting Section 5 in full
Copper tubes	Mandev; Rajco; Mehta Tubes; or any make conforming to IS 10773 / ASTM B280
Nitrile rubber insulation	Armacell (Armaflex); K-Flex; Aeroflex
Copper armoured XLPE cable	Polycab; Havells; KEI; Finolex; RR Kabel (ISI marked)
uPVC / CPVC pipes	Supreme; Finolex; Astral; Ashirvad (ISI marked)
Fire-rated sealant	Hilti; 3M; Promat

9. Testing, commissioning, handover and warranty

9.1 Inspection

- Routine test certificate from the factory for each unit, quoting its serial number, to be submitted with the supply.
- Receipt inspection at site jointly with INCOIS for damage, make, model, serial numbers and accessories against the approved datasheet. A joint receipt note shall be signed.

9.2 Testing and commissioning

- Pressure test, evacuation and charging as per Section 6, with records for each circuit.
- Insulation resistance of every cable, earth continuity, phase sequence and tightness of terminations, before energising.
- Commissioning of each unit by an OEM-authorised engineer, with readings of voltage, current in each phase, suction and discharge pressures, superheat and subcooling, supply and return air temperature and humidity, and room temperature and humidity. Before testing, submit for approval a capacity-verification procedure identifying the applicable test method, measurement boundaries, calibrated instruments, airflow measurement, indoor fan-heat treatment, operating conditions, measurement uncertainty and acceptance criteria. Substantiate not less than 80 kW net sensible capacity for each unit at the Clause 5.2 conditions. Where test conditions differ, only approved OEM-supported correction methods shall be used. The approved procedure shall define witnessed factory testing, safe site testing or an approved combination, including test-load arrangements and responsibility for costs.
- Demonstration of: standby changeover on simulated fault of a duty unit; duty rotation; automatic restart after power failure with staggered start; shutdown on SDCP signal; water leak alarm; filter alarm; and all BMS points with the BMS agency.
- Continuous 72-hour trial run of the complete system after Stage 3, with room temperature and humidity at not less than six points in the Data Centre logged every hour. The room shall hold 21 ± 2 °C and 50 ± 5 % RH throughout the trial. Demonstrate two-duty/one-standby operation and standby changeover. The room-condition trial is additional to, and not a substitute for, verification of the guaranteed net sensible capacity of each unit.

9.3 Handover and final acceptance

Final acceptance will be recorded by the Engineer-in-Charge after all of the following are complete: commissioning of all three units and the 72-hour trial; removal of all four old units and their copper refrigerant piping, and removal of the chilled-water piping that served the old servers; making good of openings and of any damage; commissioning report signed by the OEM engineer; test records including OEM-endorsed final selections and capacity-verification records demonstrating not less than 80 kW net sensible cooling for each unit at the Clause 5.2 conditions; as-built drawings (layout, pipe and cable routes, electrical connections); O&M manuals (two hard copies and one soft copy); warranty certificate for five (5) years; and two (2) days on-site training of INCOIS maintenance staff. The date of final acceptance is the start of the warranty period. Capacity shortfalls shall be rectified and retested at the contractor's cost before final acceptance.

9.4 Warranty (five years: one year standard + four years extended)

Five (5) years comprehensive on-site warranty from the date of final acceptance, covering the complete indoor units, condensers, controllers, team control, BMS cards, piping, cabling and all other parts supplied under this contract, including compressors, fans, PCBs, EEVs, sensors, heater elements, humidifier lamps / transducers, filters, refrigerant, oil, all consumables and labour. Nothing extra is payable for any service, part, consumable, refrigerant or visit during the five years. The five-year warranty shall be backed by the OEM through the OEM warranty certificate / undertaking submitted with the bid (Clause 2.2). The full five-year warranty (one year

standard + four years extended) is included in the rate for Item 1 of the BoQ, and no separate payment will be made for it. During the warranty:

(a) **Preventive maintenance:** one visit every month (60 visits in all) for checking of filters, alarms, drain, readings and logs; and a detailed service every third month covering cleaning of coils, checking of refrigerant pressures, electrical connections, humidifier, heater, controller settings, team control and BMS communication. A service report shall be signed by the Engineer-in-Charge at each visit.

(b) **Filters:** checked at each preventive maintenance visit and replaced as per the site requirements, on clogged-filter alarm and whenever damaged, with filters of the specified grade, at no extra cost.

(c) **Breakdown calls:** unlimited. Attendance within four (4) hours of a reported fault, on any day and at any hour. Restoration within twenty-four (24) hours; where a compressor or other major component has to be replaced, restoration within seventy-two (72) hours.

(d) **Penalty:** for each day or part of a day beyond the restoration time, Rs. 5,000/- per unit will be deducted, and recovered from the retention at Clause 12.4(c) or, if that is not enough, from the performance security at Clause 12.6. If a fault is not attended within 24 hours, INCOIS may get it attended through another agency at the contractor's risk and cost.

(e) **Spares:** only genuine OEM parts shall be used. Replaced parts become the property of the contractor.

(f) **Records:** the contractor shall keep a log of all calls, visits, readings and parts replaced, and submit it to the Engineer-in-Charge every quarter.

10. Site conditions, safety and programme

- The Data Centre runs round the clock. Work inside the Glass Room shall be done only in the window allowed by the Engineer-in-Charge, which may be outside office hours or on holidays, with no extra payment.
- Brazing, grinding and core cutting inside or near the Data Centre need a written hot-work permit. The fire detection and any gas-based suppression system in the area will be isolated (inhibited) only by INCOIS staff, and restored at the end of each day's work. Dust screens, fire extinguishers at the work spot, and covering of floor and equipment are mandatory.
- No water, dust or debris shall reach the IT equipment. Drilling and cutting debris shall be collected at source with vacuum.
- Work at height for condensers and piping shall be done from proper access equipment with fall protection.
- The existing PAC units are inside the Glass Room / Data Centre on the ground floor of the Main Building, which is enclosed by a curved glass partition. Utmost care shall be taken while removing the old units and installing the new units so that there is no damage to the flooring, raised floor, curved glass partition, doors, walls, ceiling, IT equipment or any other part of the building. Before starting work, the contractor shall submit for approval a method statement for dismantling, lifting and shifting, showing the route, equipment, manpower, floor protection and protection of the glass partition. The work shall be done under a competent supervisor present at site.
- The route shall be covered with plywood or steel plates. The curved glass partition and door frames shall be protected with padded boarding or cushioned sheets. Units shall be moved only on suitable trolleys or skates by trained riggers. No unit or material shall be tilted against, dragged along or rested on the glass partition, and no load beyond the rated capacity of the raised floor tiles shall be placed on them.
- Any damage to the flooring, raised floor tiles or pedestals, the curved glass partition, doors, walls, ceiling, building or any other INCOIS property or equipment, caused while removing the old units or during any other part of the work, shall be repaired or replaced by the contractor at no additional cost to INCOIS. The repair shall use matching material to the original specification and shall be done to the satisfaction

of the Engineer-in-Charge. If it is not done within the time allowed by the Engineer-in-Charge, INCOIS may get it done at the contractor's risk and cost and recover the amount from any sum due to the contractor or from the performance security.

- The work area shall be barricaded, with warning signs. Materials and tools shall be stored only at places approved by INCOIS, and the Data Centre shall be cleared of debris and material at the end of each day. The contractor's personnel shall follow INCOIS security, access-control and housekeeping instructions, shall use personal protective equipment, and shall not touch or operate any IT, electrical or fire-safety equipment outside the scope of work.
- All personnel shall be cleared by INCOIS Security and wear photo identity. The contractor shall hold Employees' Compensation and third-party insurance for the contract period.

10.1 Programme

Stage	Duration	Cumulative
Joint inspection; submission of make, model, selection, layout, electrical data and phasing plan	2 weeks	W2
Approval by INCOIS	1 week	W3
Manufacture and supply of PAC units, condensers and materials; receipt inspection (piping supports and stands may be done in parallel)	13 weeks	W16
Stages 1 to 3 of Section 7: installation, testing and commissioning of N-1, N-2 and N-3; removal of old units; 72-hour trial of complete system; handover and training	3 weeks	W19

11. Contents of bid and evaluation

The bid shall be submitted in two parts on GeM: (i) techno-commercial bid and (ii) financial bid.

(i) Techno-commercial bid: shall contain the documents listed in Table-1, the filled Technical Compliance Statement and the un-priced BoQ (Table-2). No price shall appear in the techno-commercial bid.

- Documentary proof shall be legible and relevant, with page numbers marked against each entry of Table-1.
- Offers without (i) the client certificate for each work claimed under Clauses 2.4 and 2.5, (ii) the signature, date and contact details of the signatory on each client certificate, (iii) the filled Technical Compliance Statement with values, (iv) the filled un-priced BoQ, or (v) the OEM five-year warranty certificate / undertaking (Clause 2.2), will not be considered for further evaluation.
- Part, conditional or incomplete offers will not be accepted.

(ii) Financial bid: the rates quoted on GeM, together with the price schedule in the format of Table-3 and the price break-up of Item 1 (supply and buyback) in the format of Annexure-VIII, both uploaded as the price break-up documents.

Table-1: Technical Compliance Statement

S. No.	Description	Complied (Yes / No) / value offered	Page No. of proof	Remarks / deviations
1.	Name of the bidder			

S. No.	Description	Complied (Yes / No) / value offered	Page No. of proof	Remarks / deviations
2.	Legal status: company / LLP / partnership / proprietary firm; OEM or authorised dealer / system integrator (Clauses 2.1 and 2.2)			
3.	Address and contact details (e-mail, phone)			
4.	GST registration No., PAN; Udyam / startup certificate, if any			
5.	Bank details of the firm			
6.	Single point of contact: name, e-mail, phone			
7.	Average annual turnover of last three financial years as per the GeM bid document (Clause 2.3)			
8.	Similar works completed in last seven years, with orders and completion certificates (Clause 2.4)			
9.	Precision air conditioning experience: two units of 10 TR net cooling capacity or more, with client certificate (Clause 2.5)			
10.	Manufacturer's Authorisation Form as per Annexure-II (where the bidder is not the OEM), with five-year warranty support and ten-year spares; and OEM five-year warranty certificate / undertaking, mandatory for all bidders (Clauses 2.2 and 9.4)			
11.	Service set-up in Hyderabad or undertaking (Clause 2.6)			
12.	Site Visit Certificate, Annexure-VI (Clause 2.7)			
13.	EMD or proof of exemption (Clause 12.5)			
14.	Self Declaration, Annexure-I			
15.	Eligibility Declarations, Annexure-V, including Rule 144 (xi) of GFR and local content (Class-I / Class-II)			
16.	Escalation matrix (Clause 2.10)			
17.	Make and model of PAC unit and condenser offered: _____			
18.	OEM datasheet and selection print-out with value against every clause of Section 5 (5.1 to 5.35)			

S. No.	Description	Complied (Yes / No) / value offered	Page No. of proof	Remarks / deviations
19.	Corrected net sensible capacity at Clause 5.2 conditions: _____ kW (minimum 80 kW per unit); at 46 °C ambient: _____ kW; net total capacity: _____ kW; net SHR: _____; indoor fan-heat allowance: _____ kW; design airflow / ESP: _____ m^3/h / _____ Pa; equivalent piping length and vertical separation for each circuit: _____ (attach schedule); net sensible EER under Clause 5.5: _____ kW/kW; whole-system cooling power including condenser fans and controls: _____ kW; whole-system net sensible efficiency: _____ kW/kW. Attach OEM-endorsed selection output stating site elevation and all corrections			
20.	Electrical data: full-load current _____ A; maximum power input _____ kW; starting current _____ A			
21.	Unit dimensions W x D x H _____ mm; operating weight _____ kg			
22.	Acceptance of phasing and continuity of cooling (Section 7)			
23.	Acceptance of buyback conditions (one lot), including removal of PAC copper refrigerant piping and of the chilled-water piping that served the old servers, as part of Item 1 (Section 7 and Annexures VII and VIII)			
24.	Acceptance of warranty terms (Clause 9.4) and payment terms (Clause 12.4)			
25.	Acceptance that Items 2(a) to 2(e) are paid on actual joint measurement, and that no extra payment will be made beyond the bid items (Item 2(g))			
26.	Un-priced BoQ (Table-2), filled			

Table-2: Un-priced Bill of Quantities

Item	Description	Unit	Qty	Quoted? (Yes / No)
PART A: SUPPLY, INSTALLATION, TESTING AND COMMISSIONING				
1	Supply, installation, testing and commissioning of floor-mounted, air-cooled, downflow precision air conditioning unit, net sensible capacity not less than 80.0 kW at return air 26 °C DB / 35 % RH, condenser-entering outdoor air 43 °C DB and ESP 20 Pa, at the declared design airflow, after deduction of indoor fan heat and application of applicable site and actual equivalent piping length and vertical separation corrections as per Clause 5.2, with two independent refrigerant circuits, variable-capacity scroll compressors, EEV, EC fans, electric reheat, infrared / ultrasonic humidifier and microprocessor controller; complete with two (2) matching air-cooled condensers, indoor unit MS floor stand, NRV (non-return valve) on the liquid line at each condenser, return air damper, water leak sensor, team (sequencing) control for three units, BMS card, SDCP interlock, OEM extended-piping kit where required, termination of the existing power cables from the isolator, earthing, minor civil and raised floor works, lifting, shifting and positioning of the indoor unit and condensers, installation, first charge of refrigerant and oil for the unit, testing and commissioning; all as per Sections 4, 5 and 6; including five (5) year comprehensive on-site warranty as per Clause 9.4; and including buyback of the existing installation as one lot as per Section 7 and Annexure-VII. The rate for Item 1 shall be net of the buyback value, with the break-up of supply and buyback given at Annexure-VIII.	Nos.	3	
2(a)	Refrigerant piping for one circuit, hot gas and liquid lines measured together as one pair: hard-drawn / annealed copper tubes of OEM-recommended sizes, with 13 mm nitrile insulation, UV cladding on outdoor runs, supports, oil traps, brazing under nitrogen, pressure test and evacuation; excluding the cables (Item 2(b)) and the additional refrigerant charge (Item 2(c)); as per Section 6. Measured along the route of the pipe pair. Paid on actual measurement.	Rmt (pair)	500	
2(b)	Interconnecting control / communication cables between each indoor unit and its two condensers (power cables excluded; existing power cables to be reused as per Section 6): copper conductor, armoured where run outdoors, sizes as per the OEM, laid along the refrigerant piping route on GI cable tray or clamped, with glands, crimped lugs and labelling; as per Section 6. Measured along the route. Paid on actual measurement.	Rmt	500	
2(c)	Additional charge of refrigerant (R-410A or the OEM-approved refrigerant offered under Clause 5.11) and compressor oil for the field piping, over and above the first charge included in Item 1, as calculated by the OEM for the actual pipe length and recorded circuit by circuit; as per Section 6. Paid on the actual quantity charged.	kg	120	

Item	Description	Unit	Qty	Quoted? (Yes / No)
2(d)	Drain line: 32 mm uPVC pipe with 9 mm nitrile rubber insulation, fittings, trap and supports, laid to a fall of not less than 1 in 100 from each indoor unit up to the drain point nominated by INCOIS; as per Section 6. Paid on actual measurement.	Rmt	50	
2(e)	Humidifier water line: 25 mm CPVC pipe with fittings, supports, ball valve and strainer, from the water point nominated by INCOIS to each indoor unit; as per Section 6. Paid on actual measurement.	Rmt	50	
2(f)	Condenser stand: MS structural stand for the two condensers of one indoor unit, hot-dip galvanised or painted with primer and two coats of enamel, with anti-vibration pads and anchor fasteners; as per Section 6.	Set	3	
2(g)	Any additional item needed for satisfactory completion of the work that is not listed above should be quoted here. No extra payment will be made beyond the price of the bid items.	Lot	1	

Table-3: Price schedule (to be uploaded with the financial bid only)

Item	Description	Unit	Qty	Rate excl. GST (Rs.)	Amount excl. GST (Rs.)	GST %	Amount incl. GST (Rs.)
1	SITC of PAC unit delivering not less than 80 kW net sensible cooling as per Clause 5.2, with two matching condensers, complete as per Table-2 Item 1, with five-year comprehensive on-site warranty as per Clause 9.4, and including buyback of the existing installation as one lot (Section 7); rate net of buyback value, as per the break-up at Annexure-VIII	Nos.	3				
2(a)	Refrigerant copper piping, hot gas + liquid lines with insulation (per Rmt of pair)	Rmt (pair)	500				
2(b)	IDU-to-condenser interconnecting control cables (excluding power cables)	Rmt	500				
2(c)	Additional refrigerant charge and oil for field piping	kg	120				
2(d)	32 mm uPVC drain line with insulation	Rmt	50				

Item	Description	Unit	Qty	Rate excl. GST (Rs.)	Amount excl. GST (Rs.)	GST %	Amount incl. GST (Rs.)
2(e)	25 mm CPVC humidifier water line	Rmt	50				
2(f)	Condenser MS stand (set for two condensers of one unit)	Set	3				
2(g)	Any additional item needed for satisfactory completion of the work that is not listed above should be quoted here. No extra payment will be made beyond the price of the bid items.	Lot	1				
Total	**Total of Items 1 and 2, including GST (net evaluated price; Item 1 net of buyback as per Annexure-VIII)**						

11.1 Evaluation

(a) Techno-commercial bids will be evaluated against Section 2, Section 5 and Table-1. Compliance with the minimum 80 kW net sensible capacity per unit at Clause 5.2 conditions shall be substantiated by OEM-endorsed selection output including the specified site and piping corrections; nominal TR, model designation, gross capacity or total cooling capacity alone shall not establish compliance. Financial bids of only those bidders found technically responsive will be opened.

(b) **The lowest bid (L1) will be decided on the net evaluated price, i.e. the total of Items 1 and 2(a) to 2(g) including GST, where Item 1 is net of the buyback value as per Annexure-VIII (Sl. C). Items 2(a) to 2(f) will be taken at the BoQ quantities for evaluation.**

(c) The total quoted on GeM shall match the total of Items 1 and 2 of Table-3. In case of any difference, the lower of the two will be taken for evaluation and payment.

(d) Purchase preference to MSEs and to Class-I local suppliers will be applied on the net evaluated price, as per the policies in force.

12. General terms and conditions

Clause	Details
12.1	Acceptance of the contract: the successful bidder shall accept the GeM contract within 10 days of its issue. If not accepted within 10 days, the contract will be deemed accepted and binding.
12.2	Completion period: nineteen (19) weeks from the date of the GeM contract, as per the programme at Clause 10.1. Liquidated damages for delay as per the GeM General Terms and Conditions (GTC).
12.3	Warranty: five (5) years comprehensive on-site warranty from the date of final acceptance, as per Clause 9.4.

Clause	Details
12.4	**Payment terms (Items 1 and 2: supply, installation, testing and commissioning):** **(a) 70 % on supply:** 70 % of the value of Item 1, and of Items 2(a) to 2(f) for the quantities delivered, on receipt of all three PAC units with condensers and accessories at site, after joint receipt inspection (Clause 9.1). Documents: invoice, delivery challan, factory test certificates and joint receipt note. **(b) 20 % on installation, testing and commissioning:** 20 % of the value of Item 1 and Items 2(a) to 2(f), and 90 % of Item 2(g), on final acceptance as defined at Clause 9.3, i.e. after commissioning of all units, the 72-hour trial, removal of the old units and handover of documents. Items 2(a) to 2(e) will be paid on the final measured quantities, with adjustment of the amount paid under (a). **(c) 10 % after five-year warranty:** the balance 10 % of Item 1 and Items 2(a) to 2(g) after completion of the five-year warranty, on a certificate from the Engineer-in-Charge that preventive maintenance was done and no complaint is pending, after deductions under Clause 9.4(d). The contractor may instead take this amount on final acceptance against a bank guarantee of equal value valid up to 60 days beyond the end of the five-year warranty period. **Buyback (part of Item 1): the rate for Item 1 is net of the buyback value (Annexure-VIII, Sl. C), and payments (a) to (c) for Item 1 will be made on this net value as per the GeM contract. The GST on the buyback value at Sl. B, against the separate invoice raised by INCOIS (Section 7(i)), will be recovered from payment (a), before the buyback items** (old units, condensers, stands, copper refrigerant piping, cables and the chilled-water piping that served the old servers) are lifted from the campus. This clause, and payment (a) above, apply in place of the standard GeM buyback clause that links payment to prior removal of old goods, because the old units in the Data Centre can be removed only after the new units are running. Payment will be released within 30 days of receipt of a complete bill, through GeM / PFMS, after statutory deductions.
12.5	Earnest Money Deposit (EMD): amount, forms, validity, beneficiary details and exemption shall be as specified in the GeM bid document and the GeM GTC. A bank guarantee, where furnished, shall be in the format at Annexure-III.
12.6	Performance security: 5 % of the contract value (Items 1 and 2, including GST), by e-PBG on GeM within the period stated in the GeM GTC, valid up to 60 days beyond the end of the five-year warranty period, as per Rule 171 of GFR 2017. It is liable to be forfeited if the contractor fails to perform the contract, including the warranty.
12.7	Bidders shall fill and submit the compliance statements with the bid. Offers without the compliance statements will be rejected. Any falsification or suppression of information will lead to disqualification. Technical or commercial deviations, if any, shall be stated in the techno-commercial bid only.
12.8	Purchase preference (Make in India and MSE) shall apply as specified in the GeM bid document.
12.9	The contractor shall comply with the Contract Labour (Regulation and Abolition) Act, 1970, the Minimum Wages Act, 1948 / Code on Wages, 2019 as notified, the Employees' Compensation Act, 1923, the BOCW Act, 1996, the CEA (Measures relating to Safety and Electric Supply) Regulations, 2023 and all other applicable laws. INCOIS shall not be liable for any accident to the contractor's personnel.

Clause	Details
12.10	Proof of meeting the eligibility criteria shall be submitted with the bid. Bids not complete, or not conforming to the specifications or terms, are liable to be rejected.
12.11	Bid validity: as specified in the GeM bid document.
12.12	The contractor shall be responsible for the safety and security of his workforce, materials and the works until final acceptance. Any damage to INCOIS property (including the flooring, raised floor, curved glass partition and building), equipment or Data Centre operations caused by the contractor's work shall be made good at his cost, as per Section 10, and any loss caused to INCOIS will be recovered from the contractor.
12.13	Insurance: the contractor shall insure the equipment and materials for transit, storage and erection until final acceptance, at his cost.
12.14	Dispute resolution: as per the multi-tier options provided under the GeM GTC.
12.15	Termination: where the contractor commits a material breach, including a repeated breach after a written notice, INCOIS may, after giving 15 days' written notice to cure and the contractor having failed to cure within that period, terminate the contract in whole or in part and forfeit the performance security. INCOIS may also get the balance work done at the contractor's risk and cost and recover the excess expenditure from any sum due to the contractor or from the performance security. INCOIS may terminate the contract for convenience on 90 days' written notice, in which case the contractor is paid for work and services satisfactorily rendered up to the date of termination. Termination does not affect any accrued right or remedy of either party.
12.16	INCOIS reserves the right to alter the scope or quantity of work, within the limits permitted by the GeM GTC, before or after the issue of the contract. Items 2(a) to 2(e) will be paid on actual measurement at the quoted rates. No extra payment will be made beyond the price of the bid items.
12.17	Restrictions on bidders from a country sharing a land border with India shall apply as per the GeM GTC and the on-screen undertaking; the declaration at Annexure-V shall also be submitted.
12.18	Clarifications on this bid will be given only through GeM.

IMPORTANT NOTE: The order of precedence between these bid-specific Additional Terms and Conditions (ATC) and the GeM General Terms and Conditions (GTC) shall be as per the GeM GTC.

Annexure-I

Self Declaration

(On letter head, with authorised signatory and stamp)

I, _____, son / daughter of _____, sole proprietor / managing partner / director of M/s _____, having read and understood bid No. INCOIS:PUR: 58_/2026, hereby undertake that I agree to and shall abide by the scope of work, design basis, technical specifications, installation conditions, removal and buyback conditions, phasing of work, testing, commissioning, handover and warranty conditions, and all other terms and conditions of the bid for "Supply, installation, testing and commissioning of three (3) Nos. air-cooled precision air conditioning (PAC) units, each delivering not less than 80 kW net sensible cooling capacity at the conditions of Clause 5.2, for the Glass Room / Data Centre (ground floor, Main Building), with refrigerant piping and allied works, including removal of the existing four (4) Nos. 22 TR PAC units, their copper refrigerant piping and the chilled-water piping that served the old servers, on buyback basis, along with five (5) years comprehensive on-site warranty at INCOIS, Hyderabad".

I further declare that our firm will complete the work within the stipulated period without interrupting cooling to the Data Centre and without damage to the flooring, curved glass partition or building, and will maintain the system for five years as per the clauses of this bid document.

Signature and date:

Name:

Office seal:

Address:

Note: the bidder shall sign and stamp every page of the bid document and upload it. Clarifications only through GeM.

Annexure-II

Manufacturer's Authorisation Form (MAF)

(On OEM letter head; to be submitted with the techno-commercial bid)

OEM's name: _____

[Address and contact details]

OEM's reference No. _____ Date: _____

The Director

Indian National Centre for Ocean Information Services (INCOIS)

Ocean Valley, Pragathi Nagar, Hyderabad 500 090

Ref: Your bid No. INCOIS:PUR: 58/2026: "Supply, installation, testing and commissioning of three (3) Nos. air-cooled precision air conditioning (PAC) units, each delivering not less than 80 kW net sensible cooling capacity at the conditions of Clause 5.2, for the Glass Room / Data Centre (ground floor, Main Building), with refrigerant piping and allied works, including removal of the existing four (4) Nos. 22 TR PAC units, their copper refrigerant piping and the chilled-water piping that served the old servers, on buyback basis, along with five (5) years comprehensive on-site warranty at INCOIS, Hyderabad"

We, _____, are manufacturers of the precision air conditioning units offered, with factories at _____. We hereby authorise M/s _____ (name and address of the authorised dealer / system integrator) to submit a bid, process it further and enter into a contract with you against the above bid for the supply, installation, testing and commissioning of the goods manufactured by us. Their registration number with us is _____, dated / since _____.

We confirm that no firm or individual other than M/s _____ is authorised by us for this bid.

As principals, we commit ourselves to:

(a) depute our authorised engineer for commissioning of the units and endorse the final selection and capacity-verification records confirming not less than 80 kW net sensible cooling per unit at the Clause 5.2 conditions, including applicable site and actual piping corrections;

(b) extend full back-to-back support for the five (5) year comprehensive warranty as per the bid, including if the authorised firm is unable to perform; and

(c) make available spares for the model(s) offered for at least ten (10) years from the date of commissioning.

Model(s) offered: _____

Name of the company:

Complete postal address:

Telephone / mobile:

Contact person / designation:

E-mail:

Yours faithfully,

[Signature with date, name and designation]

For and on behalf of M/s _____

[Seal of the OEM]

Annexure-III

Bank Guarantee Format for Bid Security

Whereas _____ (hereinafter called "the Bidder") has submitted its bid dated _____ for "Supply, installation, testing and commissioning of three (3) Nos. air-cooled precision air conditioning (PAC) units, each delivering not less than 80 kW net sensible cooling capacity at the conditions of Clause 5.2, for the Glass Room / Data Centre (ground floor, Main Building), with refrigerant piping and allied works, including removal of the existing four (4) Nos. 22 TR PAC units, their copper refrigerant piping and the chilled-water piping that served the old servers, on buyback basis, along with five (5) years comprehensive on-site warranty at INCOIS, Hyderabad" under bid No. INCOIS:PUR: 58/2026 (hereinafter called "the Bid").

KNOW ALL PEOPLE by these presents that WE _____ (name of bank) of _____, having our registered office at _____ (hereinafter called "the Bank"), are bound unto the Director, INCOIS (hereinafter called "the Purchaser") in the sum of Rs. _____ for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors and assigns by these presents. Sealed with the common seal of the said Bank this _____ day of _____, 20___.

THE CONDITIONS of this obligation are:

1. If the Bidder withdraws or amends its Bid during the period of bid validity; or
2. If the Bidder, having been notified of the acceptance of its Bid by the Purchaser during the period of bid validity, (a) fails or refuses to accept the contract; or (b) fails or refuses to furnish the performance security in accordance with the bid conditions.

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

This guarantee will remain in force up to and including 45 days after the period of bid validity, i.e. up to _____, and any demand in respect thereof should reach the Bank not later than this date.

(Signature of the authorised officer of the Bank)

Name and designation:

Seal, name and address of the Bank and branch:

Annexure-IV

Bank Guarantee Format for Performance Security

To

The Director

Indian National Centre for Ocean Information Services (INCOIS)

Ocean Valley, Pragathi Nagar (BO), Nizampet (SO)

Hyderabad 500 090

Whereas _____ (name and address of the contractor) (hereinafter called "the contractor") has undertaken, in pursuance of contract No. _____ dated _____, the "Supply, installation, testing and commissioning of three (3) Nos. air-cooled precision air conditioning (PAC) units, each delivering not less than 80 kW net sensible cooling capacity at the conditions of Clause 5.2, for the Glass Room / Data Centre (ground floor, Main Building), with refrigerant piping and allied works, including removal of the existing four (4) Nos. 22 TR PAC units, their copper refrigerant piping and the chilled-water piping that served the old servers, on buyback basis, along with five (5) years comprehensive on-site warranty at INCOIS, Hyderabad" (hereinafter called "the contract");

And whereas you have stipulated in the said contract that the contractor shall furnish you with a bank guarantee by a scheduled commercial bank for the sum specified therein as security for compliance with its obligations under the contract, including the five-year warranty;

And whereas we have agreed to give the contractor such a bank guarantee;

Now therefore we hereby affirm that we are guarantors and responsible to you, on behalf of the contractor, up to a total of Rs. _____ (amount in words and figures), and we undertake to pay you, upon your first written demand declaring the contractor to be in default under the contract and without cavil or argument, any sum or sums within the limit of the guaranteed amount, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the contractor before presenting us with the demand. We further agree that no change or addition to or other modification of the terms of the contract, or of any of the contract documents, which may be made between you and the contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until the _____ day of _____ 20___ (60 days beyond the end of the five-year warranty period).

Our _____ branch at _____ is liable to pay the guaranteed amount or any part thereof under this guarantee only if you serve upon us at our _____ branch a written claim or demand, received by us on or before _____; otherwise the Bank shall be discharged of all liabilities under this guarantee thereafter.

(Signature of the authorised officer of the Bank)

Name and designation of the officer:

Seal, name and address of the Bank and address of branch:

Annexure-V

Eligibility Declarations

(On company letter head; to be submitted with the techno-commercial bid, with supporting documents)

Ref: Bid No. INCOIS:PUR: 58/2026: "Supply, installation, testing and commissioning of three (3) Nos. air-cooled precision air conditioning (PAC) units, each delivering not less than 80 kW net sensible cooling capacity at the conditions of Clause 5.2, for the Glass Room / Data Centre (ground floor, Main Building), with refrigerant piping and allied works, including removal of the existing four (4) Nos. 22 TR PAC units, their copper refrigerant piping and the chilled-water piping that served the old servers, on buyback basis, along with five (5) years comprehensive on-site warranty at INCOIS, Hyderabad"

Bidder's name: _____

Bidder's reference No. _____ Date: _____

Legal entity of bidder: _____

Bidder / agent status: _____

We hereby confirm that we comply with all the stipulations of the bid document and declare as under, and shall provide evidence of our continued eligibility to INCOIS as may be requested. We solemnly declare that we (including our affiliates, subsidiaries, constituents and sub-contractors for any part of the contract):

(a) are not insolvent, in receivership, bankrupt or being wound up; our affairs are not being administered by a court or judicial officer; our business activities are not suspended; and we are not the subject of legal proceedings for any of these reasons;

(b) do not stand declared ineligible / blacklisted / banned / debarred by INCOIS or the Ministry of Earth Sciences from participation in its tender processes;

(c) are not convicted (within three years preceding the last date of bid submission) and do not stand declared ineligible / suspended / blacklisted / banned / debarred by appropriate agencies of the Government of India from participation in tender processes; and have neither changed our name nor created a new allied firm consequent to any such disqualification;

(d) do not have any association (as bidder / partner / director / employee in any capacity) with any retired official of INCOIS or near relation of such official, as counter-indicated in the bid document;

(e) fulfil the additional eligibility criteria prescribed in the bid document;

(f) have no conflict of interest which affects fair competition. The prices quoted are competitive and arrived at without unfair, unethical or anti-competitive means. No attempt has been made or shall be made by us to induce any other bidder to submit or not to submit an offer.

Rule 144 (xi) of GFR 2017: We have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries, and certify that we fulfil all requirements in this regard and are eligible to be considered. We certify that (i) we are not from such a country or, if from such a country, we are registered with the Competent Authority (copy enclosed); and (ii) we shall not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority.

MSE status: Having read the Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012, as amended, we declare that: (a) we are Micro / Small / Medium enterprise / Others: _____; (b) our Udyam Registration Certificate No. _____ is enclosed, valid as on the bid end date; (c) the proprietor / partners belong to SC / ST / women category: _____ (names and percentage share).

Startup status: We confirm that we are / are not a startup recognised by DPIIT (certificate enclosed, if applicable).

Make in India status: Having read the Public Procurement (Preference to Make in India) Order, 2017, as amended, we declare that the local content in the goods and services offered is _____ %, and the location(s)

at which the local value addition is made is / are: _____. We therefore qualify as a Class-I local supplier / Class-II local supplier (tick one). We also declare that we do not belong to any country whose bidders are notified as ineligible on a reciprocal basis under the said Order.

Penalty for false declaration: We confirm that the particulars given above are correct and nothing is concealed, and undertake to advise any future change. We understand that a wrong or misleading declaration will violate the Code of Integrity and attract the penalties provided in the bid document and the said Orders.

(Signature with date)
(Name and designation)
Duly authorised to sign the bid for and on behalf of
[Name and address of bidder and seal of company]

Annexure-VI

Site Visit Certificate

(To be signed by the INCOIS representative and uploaded with the bid. MANDATORY.)

This is to certify that Shri / Smt. _____, representing M/s _____, visited the Glass Room / Data Centre, INCOIS, Ocean Valley, Pragathi Nagar, Hyderabad on _____ (date) in connection with bid No. INCOIS:PUR:58/2026, and has seen:

- the Glass Room / Data Centre, the raised floor and the positions of the existing indoor units;
- the positions of the existing outdoor condensers and the proposed location of the new condensers;
- the routes and approximate lengths of the refrigerant piping and cables;
- the lifting path, door openings, flooring and glass partitions between the entry and the Glass Room, including the curved glass partition of the Glass Room;
- the existing PAC feeders and the existing power cables proposed for reuse, the SDCP and the drain and water points;
- the existing four (4) Nos. 22 TR PAC units with their condensers and copper refrigerant piping, and the chilled-water piping that served the old servers, offered for buyback as one lot, and their condition;
- the working-hour and hot-work restrictions applicable to the Data Centre.

Signature of the bidder's representative	**Signature of the INCOIS representative**
Name:	Name:
Designation:	Designation:
Date:	Date and office seal:

Annexure-VII

Details of Existing PAC Units and Chilled-Water Piping Offered for Buyback

The items below are offered on "as is where is" basis. INCOIS gives no warranty as to their condition or quantity. Bidders shall satisfy themselves at the site visit. No claim on account of any difference in quantity, weight or condition will be entertained.

Sl.	Item	Make / model	Qty	Year of installation	Present condition
1	Floor-mounted precision air conditioning unit, nominal 22 TR, downflow, R-22	Emerson (Liebert) / PEX390FA100	4 Nos.	2009-10	Working; declared end of service life by the OEM vide letter dated 03.09.2026
2	Outdoor air-cooled condensers of the above units	Emerson (Liebert)	8 Nos.	2009-10	Working
3	MS stands of indoor units and condensers	-	12 Nos.	2009-10	As is
4	Existing PAC units' copper refrigerant piping with insulation (hot gas and liquid lines)	-	About 500 Rmt (pair)	2009-10	As is
5	Chilled-water piping that served the old servers, in the same trench as the PAC copper refrigerant piping	-	As available at site (to be assessed by the bidder at the site visit)	To be verified at site	As is

The R-22 refrigerant in the old units has no buyback value. It shall be recovered into cylinders using a recovery machine and shall not be released into the atmosphere, as per Section 7(e); the cylinders with the recovered refrigerant shall be taken away by the contractor along with the buyback lot. Items will be handed over in stages as per the phasing at Section 7, after the GST on the buyback value is recovered from payment (a) (Clause 12.4). All items at Sl. 1 to 5, including the chilled-water piping that served the old servers and the old interconnecting cables that are not reused, form one buyback lot. The existing power cables reused under Section 6 are not part of the lot. Bidders shall assess the lot at the site visit and quote a single lump-sum value for it at Sl. B of Annexure-VIII, as part of Item 1; no measurement or weighment will be done.

Annexure-VIII

Price Break-up of Item 1: Supply and Buyback

(On bidder's letter head; to be uploaded with the financial bid only. No price shall appear in the techno-commercial bid.)

Ref: Bid No. INCOIS:PUR:58/2026. Item 1 of Table-2 and Table-3 includes the buyback of the existing installation. The bidder shall quote the rate for Item 1 net of the buyback value, and shall give the break-up below.

Sl.	Description	Unit	Qty	Rate excl. GST (Rs.)	Amount excl. GST (Rs.)	GST %	Amount incl. GST (Rs.)
A	Supply, installation, testing and commissioning of PAC unit with two matching condensers, complete as per Table-2 Item 1, including five (5) years comprehensive on-site warranty as per Clause 9.4 (gross value, before buyback)	Nos.	3				
B	Buyback value of the existing installation as one lot: four (4) Nos. 22 TR PAC units, eight (8) condensers, stands, copper refrigerant piping, cables not reused and the chilled-water piping that served the old servers, as per Section 7 and Annexure-VII (lump sum, to be deducted)	Lot	1			NA	NA
C	Net value of Item 1 = Sl. A (Amount incl. GST) less Sl. B (Amount excl. GST). This shall be equal to the amount for Item 1 in Table-3 and the price quoted for Item 1 on GeM						
D	Net rate per unit for Item 1 (Sl. C divided by 3)	Nos.	1				

Notes:

1. The buyback value at Sl. B shall be a single lump-sum amount for the complete lot, based on the bidder's own assessment at the site visit. No measurement or weighment will be done by INCOIS.
2. The net value at Sl. C shall match the amount for Item 1 in Table-3 and the price quoted for Item 1 on GeM. In case of any difference, the lower value will be taken for evaluation and payment, as per Clause 11.1(c).
3. Payments for Item 1 under Clause 12.4 (a) to (c) will be made on the net value at Sl. C, which is the GeM contract price for Item 1. No separate deposit of the buyback value is required.

4. GST on the buyback value is payable by the contractor against a separate invoice raised by INCOIS (Section 7(i)), is not part of Sl. C, and will be recovered from payment (a) as per Clause 12.4.
5. The net evaluated price (Clause 11.1(b)) will be the total of Items 1 and 2 of Table-3, with Item 1 taken at the net value at Sl. C.

(Signature with date)
(Name and designation)
Duly authorised to sign the bid for and on behalf of
[Name and address of bidder and seal of company]