



Bid Number/बोली क्रमांक (बिड संख्या):
GEM/2024/B/5403348
Dated/दिनांक : 23-09-2024

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	15-10-2024 15:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	15-10-2024 15:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	180 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Ports, Shipping And Waterways
Department Name/विभाग का नाम	Na
Organisation Name/संगठन का नाम	Indian Maritime University
Office Name/कार्यालय का नाम	Mumbai Port Campus
Item Category/मद केटेगरी	Custom Bid for Services - Supply Installation and AMC of Automatic Radar Plotting Aid Simulator ARPA
Similar Category/समान श्रेणी	<ul style="list-style-type: none">AR/VR Application Development Including Hardware InstallationCustomized AMC/CMC for Pre-owned ProductsSupport Services
Contract Period/अनुबंध अवधि	1 Year(s)
Minimum Average Annual Turnover of the bidder (For 3 Years)/बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का)	240 Lakh (s)
Years of Past Experience Required for same/similar service/उन्हीं/समान सेवाओं के लिए अपेक्षित विगत अनुभव के वर्ष	5 Year (s)
Past Experience of Similar Services required/इसी तरह की सेवाओं का पिछला आवश्यक अनुभव है	Yes
MSE Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से एमएसई छूट	No
Startup Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से स्टार्टअप छूट	No

Bid Details/बिड विवरण	
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Experience Criteria,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Additional Doc 3 (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Do you want to show documents uploaded by bidders to all bidders participated in bid?/	Yes
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
Type of Bid/बिड का प्रकार	Two Packet Bid
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	5 Days
Estimated Bid Value/अनुमानित बिड मूल्य	6000000
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation
Financial Document Indicating Price Breakup Required/मूल्य दर्शाने वाला वित्तीय दस्तावेज़ ब्रेकअप आवश्यक है	Yes
Arbitration Clause	No
Mediation Clause	No

EMD Detail/ईएमडी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
EMD Amount/ईएमडी राशि	180000

ePBG Detail/ईपीबीजी विवरण

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

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित कैटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने हैं।

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।

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

Beneficiary/लाभार्थी :

Mumbai Port Campus
Mumbai Port Campus, NA, Indian Maritime University, Ministry of Ports, Shipping and Waterways
(Indian Maritime University, Mumbai Port Campus)

MII Compliance/एमआईआई अनुपालन

MII Compliance/एमआईआई अनुपालन	Yes
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MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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1. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
2. Years of Past Experience required: The bidder must have experience for number of years as indicated above in bid document (ending month of March prior to the bid opening) of providing similar type of services to any Central / State Govt Organization / PSU. Copies of relevant contracts / orders to be uploaded along with bid in support of having provided services during each of the Financial year.
3. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs 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 the Purchase preference for services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered service. If L-1 is not an MSE and MSE Service Provider (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band as defined in the relevant policy, then 100% order quantity will be awarded to such MSE bidder subject to acceptance of L1 bid price. The buyers are advised to refer to 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 the credentials of the service provider are validated on-line in GeM profile as well as validated and approved by the Buyer after evaluation of submitted documents.
4. If L-1 is not an MSE and MSE Service Provider (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band as defined in the relevant policy, then 100% order quantity will be awarded to such MSE bidder subject to acceptance of L1 bid price.
5. 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.
6. Past Experience of Similar Services: The bidder must have successfully executed/completed similar Services over the last three years i.e. the current financial year and the last three financial years(ending month of March prior to the bid opening): -
 1. Three similar completed services costing not less than the amount equal to 40% (forty percent) of the estimated cost; or
 2. Two similar completed services costing not less than the amount equal to 50% (fifty percent) of the estimated cost; or
 3. One similar completed service costing not less than the amount equal to 80% (eighty percent) of the estimated

cost.

Additional Qualification/Data Required/अतिरिक्त योग्यता /आवश्यक डेटा

GEM Availability Report (GAR):[1726465376.pdf](#)

Undertaking of Competent Authority is mandatory to create Custom Bid for Services. Please download standard format document and upload:[1726465446.pdf](#)

Scope of Work:[1727071125.pdf](#)

Payment Terms:[1727071155.pdf](#)

Pre Bid Detail(s)

Pre-Bid Date and Time	Pre-Bid Venue
30-09-2024 15:00:00	Online Video Conference Link meet.google.com/czn-yfgn-muu

Custom Bid For Services - Supply Installation And AMC Of Automatic Radar Plotting Aid Simulator ARPA (1)

Technical Specifications/तकनीकी विशिष्टियाँ

Specification	Values
Core	
Description /Nomenclature of Service Proposed for procurement using custom bid functionality	Supply Installation and AMC of Automatic Radar Plotting Aid Simulator ARPA
Regulatory/ Statutory Compliance of Service	YES
Compliance of Service to SOW, STC, SLA etc	YES
Addon(s)/एडऑन	

Additional Specification Documents/अतिरिक्त विशिष्टि दस्तावेज़

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	The quantity of procurement "1" indicates Project based or Lumpsum based hiring.	Additional Requirement/अतिरिक्त आवश्यकता
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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	The quantity of procurement "1" indicates Project based or Lumpsum based hiring.	Additional Requirement/अतिरिक्त आवश्यकता
1	Harish Chandra Upadhyay	400033,Indian Maritime University-Mumbai Port Campus (LBS College & MERI), Hay Bunder Road, Mumbai - 400033	1	N/A

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

1. Generic

OPTION CLAUSE: The buyer can increase or decrease the contract quantity or contract duration up to 25 percent at the time of issue of the contract. However, once the contract is issued, contract quantity or contract duration can only be increased up to 25 percent. Bidders are bound to accept the revised quantity or duration

2. Service & Support

AVAILABILITY OF OFFICE OF SERVICE PROVIDER: An office of the Service Provider must be located in the state of Consignee. DOCUMENTARY EVIDENCE TO BE SUBMITTED.

3. Generic

Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address

Indian Maritime University
Mumbai Port Campus
Hay Bunder Road
Darukhana
Mumbai 400033

4. Forms of EMD and PBG

Bidders can also submit the EMD with Account Payee Demand Draft in favour of

Indian Maritime University, Mumbai Port Campus
payable at
Mumbai

Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

5. Generic

Bidder financial standing: The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.

6. Generic

Bidders shall quote only those products (Part of Service delivery) in the bid which are not obsolete in the

market and has at least 1 years residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.

7. Certificates

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

8. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

TENDER FOR "SUPPLY OF AUTOMATIC RADAR PLOTTING AID (ARPA) SIMULATOR" AT IMU - MUMBAI PORT CAMPUS

1. Invitation for Bids: The Indian Maritime University, Mumbai Port Campus invites sealed tenders for "Supply of Automatic Radar Plotting Aid (ARPA) Simulator" (hereinafter referred to as the "Supply"). Overall Scope and objective of this Tender is to select a successful bidder for Supply, Installation, Commissioning and getting approval of DGS, Training & Annual Maintenance Contract.

2. Eligibility Criteria:

The bidder should have mandatory qualification as per the following table. The offer will be rejected if the bidder does not fulfil any one of the mandatory qualification criteria.

Sl. No.	Qualification Criteria	Supporting documents
2.1	The Bidder should be in the Business of Providing 'Similar Supply' for a period not less than 5 years i.e. 2019-20 or earlier. OEM experience is acceptable to fulfil the eligibility criteria (However a declaration has to be submitted that both the bidder and OEM are individually and collectively responsible for contractual obligation)	ESI / PF / Service Tax Registration Certificate / Certificate of Incorporation / Registered partnership deed / IT Returns / Copies of the Work order, Agreement and Work Completion certificate for the Completed or ongoing supply – Proof for providing similar supply during 2019-20 or earlier to be enclosed.
2.2	The Bidder should have satisfactorily completed "Similar Supply" involving values as listed below during the last 5 financial years i.e. since 2019-20 a) at least 1 Similar Supply with a minimum value of i.e. Rs.48 Lakh [OR] b) at least 2 Similar Supply with a minimum value of Rs.30 Lakh each [OR] c) at least 3 Similar Supply with a minimum value of Rs.24 Lakh each.	Copies of the supply order, Payment advice, Certification from buyer entity.
2.3	The Bidder should have an average annual turnover of at least Rs.2.40 Crores during the past 3 financial years i.e. 2021-22, 2022-23 & 2023-24	Annual accounts duly certified by a Chartered Accountant / Income tax Returns.
2.4	The Bidder should have a valid PAN and GST Registration Certificate.	Copy of the PAN Card and GST registration certificate.

2.5	The Bidder shall be the reputed Original Equipment Manufacturer (OEM) / their authorized / certified partner or authorized reseller. He shall furnish necessary authorization from the OEM and authorizing him to provide all goods and services support indicated in this tender and confirming that necessary assistance would be provided to him in providing required support during the Warranty Period.	OEM Authorization / Certification as per the Annexure III/ OEM experience is acceptable to fulfil the eligibility criteria (However a declaration has to be submitted that both the bidder and OEM are individually and collectively responsible for contractual obligation)/ In case of participation by OEM, self-declaration.
2.6	The bidder should have supplied at least 01 installations of DG Compliant similar product/solution in last 10 years.	Copies of the supply order/ certification or Acceptance from buyer entity.
2.7	The simulator should be DNV Class A approved.	Copy of Approval/ Certificate.
2.8	The Bidder should not have been debarred.	Self-declaration to this effect.

3. Response to queries and issue of amendments:

3.1. IMU will respond to any valid request for clarification, received one week prior to the last date for submission of tender. IMU's decision is final and binding with regard to interpretation of terms used or other tender contents.

3.2. IMU may, for any reason, suo motu or in response to a clarification by a prospective bidder or bidder, modify the tender documents by amendments (through addenda / corrigenda etc.)

3.3. Any such amendments will be informed to all the participants in the pre-bid meeting besides hosting on IMU website. All the bidders who had downloaded the Bid Document shall verify, whether any such amendments have been issued by IMU, before submitting their bid and shall take cognizance of and include such amendment(s) in their submission. In any case, the amendment(s), if any, shall be binding on the Bidder.

3.4. Any such corrigendum/addendum shall be deemed to be part or incorporated into this Notice Inviting Tender (NIT).

3.5. In order to provide prospective bidders reasonable time for taking the Corrigendum/modifications into account, IMU may, at its discretion, extend the last date for the receipt of Bids. However, no such request in this regard shall be binding on IMU.

3.6. It is the responsibility of the bidder to check the website of IMU time to time for updates.

4. EARNEST MONEY DEPOSIT (EMD):-

4.1. Tender should be accompanied by an Earnest Money Deposit (EMD) for an amount of Rs. **1.80 Lakhs (3% of Estimate Cost)** for "**Supply of Automatic Radar Plotting Aid (ARPA) Simulator**" in the form of Demand draft from any Nationalized Bank drawn in favour of "Indian Maritime University - Mumbai Port Campus", Payable at Mumbai. No other form/ mode of deposit towards Earnest Money shall be accepted. Tenders not accompanied by the Earnest Money Deposit in the manner prescribed by the IMU will be summarily rejected.

4.2. The EMD of all unsuccessful bidders would be refunded by IMU-MPC within 15 days on selection of successful bidder. No interest will be allowed on the Earnest Money. The EMD of the successful bidder will be refunded only after the remittance of Security Deposit. Alternatively, the succes

successful bidder shall when his tender is accepted, furnish Security Deposit as specified in the clause elsewhere after adjusting the amount deposited by him as earnest money. The earnest money shall retain its character as earnest money deposit, till the successful bidder furnishes the Security Deposit in full with or without adjustment of EMD.

4.3 Where a person whose tender has been received by IMU-MPC intimates that he is withdrawing his tender before the validity period or makes any modification in the terms and conditions of the tender which are not acceptable to the IMU-MPC (or) fails to furnish the Security Deposit within the prescribed time, the IMU-MPC shall without prejudice to IMU's any other right or remedy, be at liberty to forfeit the Earnest Money deposited by such person absolutely.

5. Security Deposit:-

5.1 Within 07 days of the successful bidder's receipt of notification of award from IMU - MPC, the Bidder shall furnish a Security Deposit at the rate of 05% of the contract value in the form of an A/C Payee Demand Draft drawn in the name of Indian Maritime University - Mumbai Port Campus, payable at Mumbai towards due compliance of contract obligations to the satisfaction of the IMU - MPC and to make good any loss or damage caused to the IMU - MPC owing to acts in pursuance/violation of terms herein.

5.2 Security Deposit will be refunded / returned without any interest only 60 days after successful completion of installation and operational equipment as per IMO/ DGS standards. The refund or return of Security Deposit is subject to the complete fulfillment of the contract obligation by the supplier to the satisfaction of IMU and after adjustment of dues to IMU or penalty imposed by IMU.

6. GENERAL INSTRUCTION:-

6.1 **Sale of Documents:** The Tender document can be downloaded free of cost from the **GeM Portal** and IMU website www.imu.edu.in and imumumbaiport.ac.in.

6.2 The IMU-MPC, in exceptional circumstances, and at its sole discretion, may extend the tender due date by issuing a corrigendum.

6.3 The technical bid will be opened online in the GeM portal.

6.4 The financial bids of the bidders who are technically qualified will be opened online in GeM portal.

6.5 IMU reserves the right to cancel or withdraw the tender any time. IMU also reserves the right to reject any or all tenders without assigning any reason.

6.6 The bidder shall read and understand the contents of the tender documents, carefully. Failure to comply with the requirements of tender submission will render the tender liable for rejection. Tenders, which are not responsive to the requirements of the tender conditions, will be rejected.

7. Validity:

The offer will remain valid for a period of 180 days from the date of opening of tender. If required, the validity shall be extended for further period by mutual consent.

8. Evaluation of Bids:

8.1. Technical Bid Evaluation:

8.1.1. The information furnished by the bidder in Cover - I in the prescribed format supplied by IMU-MPC will form the basis for the technical evaluation.

8.1.2. In exceptional cases IMU- MPC or his representative reserves the right to obtain any clarifications from any of the bidder without vitiating the tendering process.

8.1.3. After satisfying that all / or some of the bidders have attained the minimum qualifying criteria as detailed above, bids of only the technically qualified bidders who fulfill all the pre-qualification / eligibility criteria, will be considered for further evaluation.

8.2. Financial Bid Evaluation:

8.2.1. The bidder may place their bids for 5 cubicles with 1 Instructor's station.

8.2.2. The bidder quoting price for the equipment has to quote for its AMC as well; else the bid will be rejected.

8.2.3. The price bid will be reviewed for the operational and functional equipment in whole. IMU-MP

C may or may not declare L1 for the equipment.

8.2.4. The L1 for the equipment will be calculated as per formula [Rates quoted for the equipment + Average of two years AMC rates quoted]

9. Inspection & Rejection:

The supply may be subject to inspection by IMU-MPC and IMU's decision to the acceptance of any equipment or rejection of any equipment/goods as not conforming to specification shall be final and binding on the successful bidder. Such of the equipment / goods which are rejected shall be removed by the successful bidder at their own expense and replaced by fresh ones within a time, as determined by IMU.

10. Payment Terms:

10.1. New Equipment:

10.1.1. No advance payment will be made.

10.1.2. The Supplier shall be paid 100% of payment against Supply, Installation, Commissioning, Acceptance Testing, Training and putting in to operation of equipments at designated place against the invoice. IMU will, after verification of the claim for its correctness, make payment within Thirty days after the date of receipt of the claim, complete and correct in all respects, from the supplier.

10.1.3. Up to 30% of total payment may be considered against supply of complete material prior to installation on case to case basis. Additional up to 30% payment may be considered after completion of installation. Balance payment after Commissioning, Acceptance Testing, Training and putting in to operation of equipments at designated place against the invoice.

10.2. Annual Maintenance Contract:

10.2.1. In respect of AMC, AMC charges will be paid at the end of each AMC period.

10.2.2. The Tax Invoice raised by the supplier must be in compliance of relevant GST acts, rules & notifications made there under and should bear the IMU MPC GST Registration no. 27 AAAAI2610K2ZW. The rate and amount of CGST, SGST, IGST and GST (Compensation to state) cess, related to supply of goods, shall be shown separately in tax invoice for each item of supply.

11. Clarification /Information: A bidder requiring any clarification regarding the tender documents may notify in writing to the address mentioned in the invitation of tenders or E-Mail to procurement.mumbaiport@imu.ac.in with a copy to director.mumbaiport@imu.ac.in. IMU-MPC will respond to any valid request for clarification, raised during the pre-bid meeting or received one week prior to the last date for submission of tenders. IMU-MPC's decision is final and binding with regard to interpretation of terms used or other tender contents.

12. Supply of Equipment:

12.1. The supply shall include complete set of equipment including accessories, spares and consumables as described along with the pedestal for easy accessibility for the trainee.

12.2. The equipment shall be compatible with 220 V-240 V, 50 Hz, single phase ac power supply. If any power adapters are required, those shall be part of the supply from the supplier.

13. Installation, Demonstration and User Acceptance Testing:

13.1. The supplier is required to supply the items within 45 days of the issuance of the work order and do the installation and demonstration of the equipment within 15 days of the arrival of materials at the IMU's site of installation; otherwise the penalty clause will be the same as per the supply of materials.

- 13.2. The successful Bidder shall depute their Service Engineer for demonstration /calibration /conduct of demo experiments of the equipment.
- 13.3. The acceptance tests for supplied goods shall be carried out at IMU by the supplier with the participation of concerned personnel from IMU-MPC.
- 13.4. The supplier shall provide necessary consumables till the completion of acceptance testing, without any additional cost.
- 13.5. All parts and equipment should be brand new and unused. Refurbished items shall not be accepted.
- 13.6. The equipment shall be robust for academic use and shall have to produce results with accuracy, as determined reasonable by IMU.

14. Documentation:

- 14.1. The successful bidder shall provide IMU with necessary documents including the following:
 - 14.1.1. Operational and Maintenance Manuals of equipment.
 - 14.1.2. Equipment serial numbers and models.
 - 14.1.3. Test Certificates, Licenses if any.
 - 14.1.4. Acceptance test results and acceptance status.
 - 14.1.5. Training Material.
 - 14.1.6. Full documentation with the software. (if applicable)
 - 14.1.7. Two sets of hardcopy of the above shall be handed over to nominated personnel of IMU. Soft copy of the documents shall also be provided where applicable. Handing over of documents to IMU by supplier is a pre-requisite for Acceptance.
 - 14.1.8. Manuals for the instruments are to be supplied with respect to operation, maintenance, or dering spares / technical services.
 - 14.1.9. A video clip on the operation of equipment shall be made available.

- 15. Site Preparation:** The supplier must provide complete details regarding space and all the other infrastructural requirements needed for the equipment, which IMU should arrange before the arrival of the equipment to ensure its timely installation and smooth operation thereafter. The supplier shall visit the IMU Campuses and see the site where the equipment is to be installed and may offer his advice and render assistance regarding specification, material and associate fittings/ fixtures required for preparation of the site and other pre-installation requirements, to bring the equipments at the stage of operation, within One week of issuance of order. The furniture and necessary infrastructure will be provided by IMU-MPC. However the layout, design etc. to be provided by vendor.

16. Acceptance of Equipment:

- 16.1. The activity shall deem to have been completed with the completion of Supply, Installation, Servicing, Repairs and putting in operations fully functional system as per requirements of IMO/ DGS. However, the supply shall be complete only upon certification to this effect issued by IMU-MPC.
- 16.2. Upon completion of Supply / work and after successful completion of other prerequisites like acceptance testing, Training etc., as prescribed in this document, IMU shall receive a written undertaking from the supplier that the supply / works have been completed and accordingly a certificate of completion would be issued in respect of the supply/works. The warranty period for the supplied system would commence from the date of system being completely operational and functional as per the standards of IMO/ DGS.

- 17. Replacement of Defective Equipment:** If any of the equipment supplied by the supplier is found

to be substandard, refurbished, un-merchantable or not in accordance with the description/specification or otherwise faulty, the IMU will have the right to reject the equipment or its part. The prices of such equipment shall be refunded by the supplier with 18% interest per annum if such payments for such equipment have already been made. All damaged or unapproved goods shall be returned at suppliers cost and risk and the incidental expenses incurred thereon shall be recovered from the supplier. Defective part in equipment, if found before installation and/or during warranty period, shall be replaced within 30 days on receipt of the intimation from this office at the cost and risk of supplier including all other charges. In case supplier fails to replace above item as per above terms & conditions, IMU may consider 'Banning' the supplier and any other remedies, as deemed fit by IMU-MPC.

18. Comprehensive Onsite warranty:

- 18.1. A comprehensive onsite warranty for the supplied equipment shall be provided by the supplier for a minimum of **Three years** from the date of system being completely operational and functional as per the standards of IMO/ DGS. The supplier will be notified of any defect or claim arising under this warranty and the warranty support shall be provided at site of IMU MPC, within 24 hours of reporting of the complaint.
- 18.2. If the supplier having been notified fails to remedy the defect within 24 hours as per 19.2, IMU may proceed to take such remedial action as may be necessary at the supplier's expense. The period that the equipment is out of commission / operation as a result of supplier's failure to remedy the defects notified shall result in extension of the warranty period correspondingly and imposition of penalty up to Rs.5000/-(Rupees Five Thousand only) per instance or Rs. 1000/- for each day of delay which will be adjusted from the Security Deposit or any other dues to the supplier).

19. Comprehensive On-site AMC:

- 19.1. Comprehensive maintenance for **Two years** is to commence immediately after the expiry of the comprehensive Three years warranty period.
 - 19.2. The supplier shall provide necessary comprehensive preventive and corrective maintenance on site i.e., by sending the engineer to the IMU Campuses for attending the maintenance requirements of the supplied equipment. In case of intimation of breakdown, the successful bidder should respond within 24 hours of reporting during the period of AMC. All spares which need replacement during the period of onsite maintenance are to be replaced without any additional cost. The conditions specified for warranty will be applied by during AMC period and vice-versa.
 - 19.3. In addition to above, support should also be available by phone, e-mail to solve the problem as soon as possible during the period of Warranty and Annual Maintenance Contract. He shall have facilities with sufficient service engineers trained to provide support services. The Bidder shall also have sufficient spares on hand for providing the uptime as indicated in this tender.
- 20. Power Tolerance:** The equipment or its battery charger shall operate correctly from a 220 Volts and 50 Hz power supply 1Ph. It should be capable of withstanding permissible voltage and frequency variations without any damage to the equipment or loss of the information.
- 21. Data Storage capability:** The equipment should be capable of storing sufficient measured data history in the equipment and should be able to transfer the data stored into a computer, as per performance standards of IMO/ DGS. The scope of supply includes all means by way of drivers, software and interface cables and adapters to facilitate such transfer.

Annexure - I

Technical Specification

- (a) Type Approval Certificate from one of the 'recognized organization (RO)' of DGS/ DGS.
- (b) IMO Model Guidelines: 1.07.
- (c) DGS Training Circular: 6 of 2004 (As per the latest version and updated from time to time on the subject)
- (d) STCW 2010: Regulation I/ 12; Table A II: 1.1, 1.2, 1.3, 1.5, 2.2, 2.6.
- (e) IMO Resolutions: A 477(12), A 482 (12), A 483 (12), A 64(67), A 823(19). Additional Requirements: ROR 1972, SOLAS 1974, STCW 1978, 1995, 2010, as amended.
- (f) Simulator Equipment: ARPA/ Radar station; ARPA / Radar Module, Conning module and dedicated hardware based Radar Keyboard.
- (g) Each own ship ROC/ARPA cubicle shall be not less than $4m^2$ in area. Plotting table (not less than 60 cm x 45 cm) required for radar plotting sheets. 1 x 26" monitor for the Radar/ARPA conning module; Separate monitor for conning is not required. "Equipment and the console for the ownship cubicles meet the DG Shipping latest guidelines requirements"

Make In India

Vendors are to provide details of Make in India Content (parts) / self-certification regarding the percentage content. Details justification in support of the claim is to be submitted.

This tender will be governed by the Ministry of Commerce & Industry Order vide no. P-45021/2/2017-PP (BE-II), dated 16.09.2020 for Make in India clause.

NOTE:

IMU can change the requirements at any time with intimation to all parties prior opening technical bids. IMU's decision in these matters is final and should be met.

User interface description

The user interface between the simulator and the learner(s) the instructor and the assessor shall be documented by:

- a. A drawing showing the physical layout and dimensions of each module.
- b. A description of the functions allocated to each keyboard and screen.
- c. A description of individual screen views (schematics, color prints, etc.).
- d. A description of how menus are operated.
- e. A list of all alarms and operator messages. When the alarms or messages are not self-explanatory additional explanations shall be included.
- f. A description of software "help" systems. When recognized real maritime equipment or operational controls are used, it is sufficient to identify such products.

Instrument and equipment list

A list stating for each key component as applicable:

- a. System.

- b. Name of manufacturer.
- c. Type etc., necessary to identify the component.

Descriptions of functions covered by software

- a. A list of all main software modules installed per hardware unit stating names and version numbers
- b. Description of application software (not program listings) with detail level sufficient to understand its function.
- c. Tools for system set-up and process equipment configuration.

Operation manual

- a. A document intended for regular use at the simulator center, providing information as applicable to , but not limited to:
- b. operational mode of all modules, for normal system performance (baseline starting point)
- c. Operating instructions for normal operating mode.

Simulator performance description

It shall be documented that the simulator can be used for all of the defined simulation objectives.

The documentation may include one or more of the following:

- a. Cross reference between the STCW Convention competence requirements and simulation scenarios
- b. Description of training exercises, including learning objectives, for each element of competence.
- c. Specification of the training type such as: emergency; optimization; procedures; maintenance; troubleshooting; decision-making; teamwork; operator; part-tasking; component etc.
- d. Outline of how each element of competence can be assessed.

Annexure II

(Technical Bid-Cover 1)

[On the Letter head of the Bidder and to be put in a separate sealed cover]

Tender for “Supply of Automatic Radar Plotting Aid (ARPA) Simulator” at Indian Maritime University, Mumbai Port Campus.

Ref: IMU-MPC/PUR/2022-23/ARPA/

dated: _____

From

Name & Address of the Bidder

Ph:

Email:

To

The Campus Director,

Indian Maritime University,

Mumbai Port Campus

Hay Bunder Road,

Mumbai - 400033.

Dear Sir,

We hereby submit our Technical Bid for **“Supply of Automatic Radar Plotting Aid (ARPA) Simulator”** at Indian Maritime University – Mumbai Port Campus

1. Compliance Statement:

Sl. No	Item Description	Compliance to Specification Yes/No
1.	Whether the bidder could supply the simulators as per the technical specification in Annexure I and as per Notice Inviting Tender (NIT)	

2. Experience in the business of providing Similar Supply Since 2019-2020 or earlier:

Sl. No	Eligibility Criteria details	Bidders Confirmation
1.	Whether in the business of Providing Similar Supply Since 2019- 2020 or earlier & meet this eligibility criteria (Yes / No)	
a)	Since when	Page No.
b)	Mode of Proofs enclosed:	

(i)		
(ii)**		

** - May add more rows as required

3. A. Similar Supply with minimum value specified in any one of the three set of values (a or b or c) carried out during the last five financial years (2019-20 to 2024-25):

Sl. No	Eligibility Criteria details	Bidders Confirmation
A	Whether carried out similar supply with minimum value specified in any one of the three set of minimum value of contract (a or b or c) during 2019-20 to 2024-25 & thereby meet this eligibility criteria (Yes / No)	
a)	At least one similar supply with a minimum value of Rs.48 lakhs : (Yes / No)	
b)	At least two Similar Supply with a minimum value of Rs.30 lakhs each (Yes / No)	
c)	At least three Similar Supply with a minimum value of Rs.24 lakhs each (Yes / No)	

3. B. Details of similar supply with minimum value specified in any one of the three set of values (a or b or c) carried out during the last five financial years 2019-20 to 2024-25) [in proof of sl. No. 3-A above):

Sl. No.	Client-Name Address	Equipment supplied commissioned	Work order ref	Value of supply (Rs. in Lakhs)	Date of commissioning by Bidder	Present Operational Status

--	--	--	--	--	--	--

** - May add more rows as required

4. Minimum Average Annual turnover:

Sl. Eligibility Criteria details Bidders Confirmation

No.

(i) Whether the bidder has an average annual turnover of at least Rs.5.00 Crores during the past 3 financial years i.e. 2021-22, 2022-23 & 2023-24. (Yes / No)

	Year / Proof enclosed	Turnover	Page No.
(ii)	2021-22 /		
(iii)	2022-23 /		
(iv)	2023-24 /		

. Other Eligibility Criteria & Essential requirements and details:

Sl. No.	Particulars	Bidders Confirmation Details	Details of Proof Enclosed	Page No.
5.	Whether the Bidder have a valid PAN and GST Registration [YES / NO]		Copy of PAN & GST, Registration Certificate enclosed	
6.	Whether the Bidder has been debarred or blacklisted by any Government department / agency so far on account of fraudulent or corrupt practices or inefficient / ineffective performance [YES/NO]		Declaration to this effect	

7.	Whether the bidder has submitted Bid Declaration [YES / NO]			
8.	OEM Authorisation certificate - Annexure -III		Yes / No	

Other Modes of Proof enclosed

	Name, Designation, Address and Telephone No. of Authorized person(s) of Firm / Agency:			
	Type of the Organisation (Sole Proprietorship / Partnership / Pvt Ltd Co / Public Ltd Co. etc.			
	Name of the Authorised Signatory with Designation			
	Name of the Authorised Signatory with Address of the Bidders			
	Email Address			
	Contract Numbers			
	Any other Remarks from Bidders:			
	Specific site preparation / site infrastructure required for effective functioning of equipment required (yes/no). If yet to be detailed in this column or to be enclosed			

I am also enclosing bidder memorandum and undertaking duly signed by me /us.

-

DECLARATION

-

I / We certify that all the particulars furnished above are true and correct and based on documentary evidence, and that I /we understand that if any of the above particulars is found to be false or misleading, our

bid is liable to be summarily rejected at any stage and my /our firm is liable to be debarred by IMU for at least 3 years, in addition to any other right or remedy available to IMU including forfeiture of EMD, Security Deposit etc.

Date:

Place:

Signature with Seal of Authorized Signatory

Annexure III

OEM'S AUTHORISATION CERTIFICATE TO THE BIDDER

To

The Campus Director,

Indian Maritime University,

Mumbai Port Campus,

Hay Bunder Road,

Mumbai - 400 033.

Ref: Tender No. dated _____

Sir,

WHEREAS _____ who are official producers / authorized Sales and Service dealers, of _____ do hereby authorize _____

located at _____ (to submit a bid and sign Tender with you for resale and support of the following Products supplied by us, for the quantities, specifications and delivery schedule called for by the technical specifications associated with the above Invitation for Bids:

Product Description	Type

We hereby extend to you a full guarantee and warranty and maintenance support, availability of spares for 15 years from the date of submission of the tender, in accordance with the Conditions of Tender along with the standard product warranty, and duly authorize the Bidder to act on our behalf in fulfilling all warranty and support obligations with respect to the above-listed products offered for resale by the Bidder in relation to this Invitation for Bids.

Name _____ in the capacity of _____

Signed

Duly authorized to sign the authorization for and on behalf of _____

Dated on _____ day of _____

Note: This letter of authorization must be on the letterhead of the supplier, must be signed by a person competent and having the power of attorney to bind the supplier, and must be included by the Bidder in its bid.

Annexure IV

FORM OF TENDER

Note: This Memorandum forms part of the Tender must be on the letterhead of the bidder, duly filled in, signed & sealed and enclosed along with the Tender.

To

The Campus Director,

Indian Maritime University,

Mumbai Port Campus,

Hay Bunder Road,

Mumbai - 400 033.

Ref: Tender No. dated _____

Sir,

WHEREAS _____ who are official producers / authorized Sales and Service dealers, of _____ do hereby authorize _____ located at _____ to submit a bid and sign Tender with you for sale and support of the following Products supplied by us, for the quantities, specifications and delivery schedule called for by the technical specifications associated with the above Invitation for Bids:

We hereby extend to you a full guarantee and warranty and annual maintenance support, availability of spares for the period covering warranty and comprehensive annual maintenance contract period from the date of submission of the tender.

SIGNATURE.....

FOR AND ON BEHALF OF

DATE

PRICE BID

Supply of 01 No. **“Supply of Automatic Radar Plotting Aid (ARPA) Simulator”** at Indian Maritime University, Mumbai Port Campus as per the tender document complying with all the conditions stipulated in various parts of the tender documents including its annexure and schedules.

Sl.No.	Description and	Make	Qty	Price of	Comprehensive Onsite Maintenance for 1st yr	Comprehensive Onsite Maintenance for 2nd yr	Total
		&		the			

	Specifications of the items.	Model		equipment	immediately after warranty (Amount)	immediately after warranty (Amount)	
1	2	3	4	5	6	7	8
1	“Supply, Installation, Commissioning (getting approval of DGS) of Automatic Radar Plotting Aid (ARPA) Simulator with 5 cubicles & 1 Instructor’s station including Training & Annual Maintenance Contract”						
	GST:						
Total Amount in Figures including GST :							
Total Amount in Words including GST :							

The prices indicated in the price schedule should be in INR only and shall be entered in the following manner:

1. The price of the equipment shall be inclusive of basic price, freight and insurance up to delivery, Installation, Commissioning, training for 2 days including incidental charges, and upgradation of software hardware excluding applicable GST.
2. Rate for Comprehensive onsite Annual Maintenance should be given year wise for 2 years separately excluding GST immediately after expiry of 3 years warranty at IMU’s indicated Campuses. GST of corresponding column should be entered in GST row in Price bid.
3. Prices quoted as above shall be valid for a minimum period of 90 days from last date for submission of the tender.
4. It must be clearly understood that the prices quoted in the tender are to include everything required to be done as per the specification and the conditions of tender and supply for the proper execution

n of supply/works although special mention thereof may have been omitted in the specification. The specifications indicated are for minimum and shall include accessories etc. to make the system fully operational.

5. IMU has the right to change /increase / withdraw the quantities of any items in the tender prior to acceptance by the supplier of the work order issued by IMU.

Authorized Signature with seal

.

9. Generic

Consortium: In case of Contracts, wherein the seller alone does not have necessary expertise, the seller can form consortium with other sellers for submission of the bid, with one of the consortium company as leader. However, each and every member of the consortium shall be equally responsible for the complete execution of the project contract. An undertaking to this effect is to be uploaded with bid.

10. Service & Support

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

11. Service & Support

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

12. Generic

Manufacturer Authorization:Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid

13. Past Project Experience

Proof for Past Experience and Project Experience clause: For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the invoices have been executed.b. Execution certificate by client with contract value.c. Any other document in support of contract execution like Third Party Inspection release note, etc.**Proof for Past Experience and Project Experience clause:** For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the invoices have been executed.b. Execution certificate by client with contract value.c. Any other document in support of contract execution like Third Party Inspection release note, etc.

14. Forms of EMD and PBG

Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of

Indian Maritime University, Mumbai Port Campus
A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of Security Deposit, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Successful Bidder has to upload scanned copy of the FDR document in place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of award of

contract.

15. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of

Indian Maritime University, Mumbai Port Campus
payable at
Mumbai

. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.

Disclaimer/अस्वीकरण

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

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

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

This Bid is governed by the [General Terms and Conditions/सामान्य नियम और शर्तें](#), conditions stipulated in Bid and [Service Level Agreement](#) specific to this Service as provided in the Marketplace. However in case if any condition

specified in General Terms and Conditions/सामान्य नियम और शर्तें is contradicted by the conditions stipulated in Service Level Agreement, then it will over ride the conditions in the General Terms and Conditions.

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

---Thank You/धन्यवाद---