



**REQUEST FOR QUOTATION (RFQ) FOR
SOFTWARE DEVELOPMENT FOR AESA RADAR (UHM)**

Tender Type: GeM-Open Tender (Only to Class I & Class II Local Supplier)
Bid System: Two Bid System
Tender No: SPR-REV25/27/1
Tender Date: 29.01.2026
Tender Due date: 19.02.2026 @ 16:00 Hrs

Important Notes

- i. Bidders are requested to submit their quotation as per two bid system through GeM Open Tender. Bids not submitted GeM portal will not be considered and will be rejected. No Hard copies of Technical and Price bid should be submitted.
- ii. **Technical Bid:** This bid (to be complied in full) should only include Vendor Qualification Criteria (VQC) (Part-I), technical terms (Part-II), Commercial terms and conditions (Part-III) and Local Content Compliance (Preference to Make in India) (Annexure), RFQ Check list (Annexure 2B). This bid should not contain any price details. If prices are indicated in the technical bid or attached as a part of technical bid even in the form of PDF, the offer will not be considered for evaluation.
- iii. **Price Bid:** The prices as per requirement to be provided in GeM portal only. Any deviation shall lead to rejection of such vendor's offer.
- iv. **Non-disclosure Agreement (NDA):** NDA has to be signed by L-1 Vendor after placement of purchase order. The rights of Intellectual Property (IPR), developed under the work package, shall be the property of LRDE & SLRDC.
- v. As part of 'Public Procurement (Preference to Make in India)'
 - a. The offers sought only from Class-I & Class-II local suppliers.
 - b. Offers received without indicating the percentage of local content & without Certificate as per PPP guidelines will not be considered & rejected.
 - c. Regarding interpretation of PPP guideline the sole decision of HAL will be final and binding for all
- vi. **Integrity Pact:** Bidder shall submit duly signed Integrity Pact in original to IMM Department - SLRDC, strictly as per the format (without any deviation) well within tender due date. Also the same shall be uploaded on GeM portal along with Technical Bid without fail.
- vii. Bidders are advised to ensure that they have submitted the bids well before the due date and time of bid submission of tender. HAL shall not be responsible if bidder is not able to submit the bid on account of system/network/internal failures.

1. GENERAL INFORMATION:

- 1.1 Hindustan Aeronautics Limited (HAL), a "Maharatna" Public Sector Enterprise under Government of India is engaged over the past 75 years in Research, Design, Development, Manufacture and Repair & Overhaul of Aircraft, Helicopter, Aero-engines, UAVs, Avionics and Accessories (www.hal-india.co.in). The company has 20 production facilities at 8 different locations & R&D Centers spread across the country. HAL has designed and Developed various fixed wing aircraft which are currently being used by Indian Defense Services and Helicopters used for both defense and civilian applications.
- 1.2 Strategic Electronics R & D Centre (SLRDC), Hyderabad, a Division of HAL is involved in the Design and Development of Avionics systems. Avionics Division (AD), Hyderabad is involved in Manufacturing and ROH of various Avionics Systems.
- 1.3 DRDO (Defense Research and Development Organization) is involved in research, design and development of air borne LRUs for which application software certification process is being carried out in accordance with software certification standards. The certified LRUs are planned for fitment on HAL's rotary and fixed wing platforms.



- 1.4 SLRDC intends to place a work package order for Software development and DO-certification for various SWCIs of Radar for UH-M.
- 1.5 The Software development and DO-certification activities will be carried out at LRDE, Bangalore. The selected vendor shall execute the development work at LRDE premises, utilizing the infrastructure and facilities available there, such as PCs, software tools, and test equipment provided for the purpose. Necessary technical resources from the vendor’s side are expected to be positioned at LRDE for the duration of the development and certification activities to ensure smooth execution and coordination. The duration of the work package will be for 2 years.
- 1.6 SLRDC (HAL) Hyderabad is looking for potential software firms/ Vendors/ Service providers with suitable experience in the domain of Software Certification (Software verification, validation, modification and documentation) for work package execution in a period of two year at LRDE, Bangalore.

1.7 REQUIREMENT:

S.No.	Description	Qty	Unit of Measurement
1	Software Development Phase-1 and Delivery of SOI-1 Documents as per DO-178C with SOI-1 Minutes	1	Job
2	Software Development Phase-2 and Delivery of SOI-2 Documents as per DO-178C with SOI-2 Minutes	1	Job
3	Software Development Phase-3 and Delivery of SOI-3 Documents as per DO-178C with SOI-3 Minutes	1	Job
4	Software Development Phase-4 and Delivery of SOI-4 Documents as per DO-178C with SOI-4 Minutes	1	Job

The Software development, adaptation, and qualification for various LRUs/Sub-modules/units of UHM Radar system are required to be done at LRDE along with unit testing, integration, validation of requirements, generation of required documents and test reports for Intel Xeon Processor based hardware system.

- 2.0. Point wise compliance of RFQ, Vendor Qualification Criteria (VQC) (Part-I of ATC) Scope of Work (SoW) document Firmware Development and DO-certification of AESA Radar for Utility Helicopter-Maritime (UH-M) (Part-II of ATC) and Commercial terms & conditions (Part-III of ATC) to be provided.
- 3.0. **Non-compliance, if any:** It may please be noted that non-compliance will be seen critically and may have an adverse impact on the qualification of the bid.
- 4.0. **Validity of Prices / Bids:** All quoted prices and bids shall be kept valid for a minimum period of 180 days from the closing date of the tender.
- 5.0. **Special notes:**

This RFQ does not oblige HAL to pay any cost incurred in the preparation or submission of any response including technical / commercial proposals. Submission of the response against this RFQ does not entitle the bidder / VENDOR for selection by HAL for this tender without technical / commercial evaluation.

The bid should be comprehensive against Technical Specification and HAL Tender Terms & Condition. Deviations if any should be clearly highlighted with necessary justification. HAL reserves the right to accept or reject such Deviations/Justifications.

HAL reserves the right to cancel this RFQ in partial or in whole, without assigning any reasons thereof.

Thanking You,

Yours faithfully,
 For Hindustan Aeronautics Ltd,
 Sd/-
 (B. Bhaskar)
 Senior Manager (IMM)

Note: Bidders are advised to visit GeM portal till the closing date of RFQ towards all its corrigenda / addenda, if any.



Encl: As Stated above

1. PART-I: Compliance for Vendor Qualification Criteria (VQC)
2. PART-II: Compliance for Scope of Work document Firmware Development and DO-certification of AESA Radar for Utility Helicopter-Maritime (UH-M)
3. PART-III: (Commercial Terms & Conditions Compliance Matrix)
4. PART-IV: RFQ Check list
5. PART-V: Integrity Pact
6. PART-VI: Non-Disclosure Agreement
7. PART-VII: Bank Guarantee format for security deposit
8. PART-VIII: Bank Guarantee format towards performance guarantee
9. Appendix-B (Type I): Format for Local Content
10. Annexure-II A : Declaration certificate (Land border sharing)