Aerospace Systems & Equipment
Research & Design Centre (ASERDC)
Hindustan Aeronautics Limited

Indiranagar, Lucknow-226016, India
Ph : +91-522-2350127
Email: design-imm.adlko@hal-india.co.in

REQUEST FOR QUOTATION (RFQ)

RFQ No.: HAL/ASERDC/LKO/PR26DSGN/69/01 **Date: 30th Oct 2026**

Closing Date & Time of Tender: 30th Nov-2026 @16:00 Hrs (IST)
Technical Bid Opening Date: 1st Dec 2026.
Pre Bid Meeting Date & Time: 17th Nov 2026 10:30 Hrs (IST) through VC.
Bid System: Two Bid System

Dear Sir / Madam,

Subject: Development and Supply of following Flight Control Actuators for the Indian Multi-Role Helicopter (IMRH) Programme.

1. **Three (03) types of Main Rotor Actuators (MRA):**
   I. MRA-Forward Pitch Actuator.
   II. MRA-Rear Pitch Actuator.
   III. MRA-Lateral Actuator.
2. **Tail Rotor Actuator (TRA):**
   I. TRA-Yaw Actuator.

(One Set of Flight Control Actuators consists of quantity one number each of above actuators.)

Important Note

Vendors are requested to submit their proposals as per two bid system (Technical and Price Bid) online at HAL's e-procurement portal (https://eproc.hal-india.co.in or link to e-Procurement portal through www.hal-india.co.in). Bids not submitted through e-procurement portal will not be considered and will be rejected. No Hard copies of Technical and Price bid should be submitted.

HAL is not responsible for delays / problems faced if any with internet, etc. Hence you are requested to submit the bids on-line well before the tender due date and time.

Vendors to ensure that the pricing aspects either in PDF form or any other form is not mentioned / uploaded in the technical bid zone, else such offers will not be considered for evaluation. Bids submitted through e-mail will not be considered for evaluation.

Original Self-Certification / Auditor Certificate for Local Content, Integrity Pact, declaration certificate as per DPIIT guidelines (Land Border sharing declaration) and Non-disclosure Agreement (NDA) should be forwarded / submitted physically to HAL, ASERDC, Lucknow in a sealed cover superscribing tender no. and due date & time.

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 & 11 R&D Centres spread across the country. HAL has designed and developed various fixed wing aircraft which are currently being used by Indian Defence Services and Helicopters used for both defence and civilian applications.

1.2) Aerospace Systems & Equipment Research & Design Centre (ASERDC) one of the flagship R&D division of HAL located at Lucknow, India is currently engaged in design and development of various Systems & Equipment of fixed and rotary wing platforms to meet the requirements of Indian Armed Forces and Civilian Market while exploring the export business opportunities.

1.3) This RFQ deals with requirement of "Development and Supply of **Flight Control Actuators [Main Rotor Actuator (Forward Pitch), Main Rotor Actuator (Rear Pitch), Main Rotor Actuator (Lateral) and Tail Rotor Actuator (Yaw)]** for Indian Multi Role Helicopter (IMRH) as per the technical requirements specified in HAL's "Technical Requirement Document" (TRD), RC/IMRH/HYD/TRD/004 ISSUE I, REV-A Dt. 02/05/2026 and RC/IMRH/HYD/TRD/005 ISSUE I, REV-A Dt. 06/05/2026 respectively enclosed as **Enclosure-1** to this RFQ.

2. RFQ Requirements:

2.1) Offers / Bids are invited in "two-bid system" from Original Equipment Manufacturers (OEMs) (Local and Foreign Vendors) having prior experience in design, development, and certification of Flight Control Actuators for helicopters in various weight category.

2.2) Supporting document in connection with the above such as proof of completion / execution of work of completed project, Quality Management System certificates & compliance documents shall be submitted by the vendors along with the technical proposal.

2.3) The Flight Control Actuators shall comply with the applicable requirements specified in the following Technical Requirement Documents (TRDs), enclosed as part of **Enclosure-1** to this RFQ:
a) Main Rotor Actuators (MRA): Forward Pitch Actuator, Rear Pitch Actuator and Lateral Actuator — TRD No. RC/IMRH/HYD/TRD/004, Issue I, Rev. A, dated 02.05.2026.
b) Tail Rotor Actuator (TRA): Yaw Actuator — TRD No. RC/IMRH/HYD/TRD/005, Issue I, Rev. A, dated 06.05.2026.
The Vendor shall demonstrate compliance with the applicable TRD requirements through the technical proposal and the compliance matrix prescribed in this RFQ.

2.4) We would like to enter into a long term business agreement with your firm covering various aspects, including the supply of 5 Sets of Flight Control Actuators for Development Phase against firm order and subsequently direct purchase / outright purchase of 79 Sets of Flight Control Actuators against anticipated orders of IMRH Helicopters for series production programme.

For series production programme (i.e. direct purchase / outright purchase of 79 Sets), Purchase Orders are planned to be placed for annual requirement depending upon the number of Helicopters to be produced in each year based on development and certification of Flight Control Actuators and receipt of HAL's customer orders. Issuance of this RFQ does not create any obligation whatsoever on HAL to place orders for series production programme.

2.5) Vendors are requested to submit separate commercial offers for Transfer of Technology for Manufacturing (TOT-MFG) and Transfer of Technology for Repair and Overhaul (TOT-ROH), in the formats prescribed under Part-V of this RFQ. These **offers are optional** and shall be evaluated separately from the base procurement price. The prices quoted for TOT-MFG and TOT-ROH shall not be included in the commercial evaluation for determining the ranking of Vendors.

HAL reserves the right, at its discretion, to exercise either of options or both. Non-submission of an optional TOT price shall not, by itself, render the bid non-responsive, provided the Vendor meets all mandatory requirements of the RFQ.

2.5.1) Broad elements and requirements of Transfer of Technology (TOT-MFG and TOT-ROH) are mentioned in **Para 2 & 3** of Scopr of Work (SoW) enclosed at **Enclosure-1** to this RFQ.

2.5.2) Vendor shall provide a comprehensive proposal for TOT-ROH for setting up of Repair & Overhaul facility of the Flight Control Actuators by HAL. Vendor to submit commercial proposal as per Price Bid **Part-V (Schedule-III** with **Encl-C1**, **Encl-C2** & **Encl-C3**).

2.5.3) Vendor shall provide a comprehensive proposal for TOT-MFG for setting up of facility at HAL for manufacturing of the Flight Control Actuators. Vendor should provide the commercial proposal for TOT-MFG as per Price Bid **Part-V** (**Schedule-III** with **Encl-E1**).

Vendor may note that the manufacturing of the Flight Control Actuators under TOT-MFG will be done either at HAL or at any other nominee of HAL. Although TOT-MFG is considered a desirable / optional condition under this RFQ for purchasing / acquring of 13 Sets under direct purchase / outright purchase (ORP), 13 Sets under SKD, 13 Sets under CKD and balance 40 Sets under Raw Material phase, there shall not be any restrictions imposed on the actual numbers of sets to be manufactured at later stages using the facilities that are being established under the TOT-MFG.

During SKD phase, OEM will supply Semi Knocked Down (SKD) kits and final Assembly and Testing will be done by HAL.

During CKD phase, OEM will supply Completely Knocked Down (CKD) kits and final Sub- assembly/ assembly and Testing will be done by HAL.

During Raw Material phase, HAL will manufacture components (including core technology components) from Raw Material / Bought-Out-Items (BOIs) including Casting & Forgings. Kit preparation, Sub-assembly build up, assembly of the unit and final testing will be carried out by HAL as per technological documents provided by OEM. HAL may opt to procure Raw Material / BOIs / Casting & Forgings / Consumables for the first few aircraft sets may be procured from OEM. A comprehensive list with contact details / correspondence addresses of all primary / approved manufacturers / suppliers of Raw Materials / BOIs / Casting & Forgings, if any / Consumables etc. must be provided to facilitate their future procurement directly from their approved sources as per HAL requirements.

2.5.4) The tentative quantity for manufacture of Flight Control Actuators under each kit year wise are as under **Table-1.** HAL reserves the right to vary the quantity to be

ordered under each kit. The quantities and year-wise distribution indicated for the Series Production Phase are tentative and subject to the successful completion of development and certification activities, receipt of orders from HAL's customers, and HAL's finalised production requirements. The indicative quantities do not constitute a commitment by HAL to place orders.

The planned acquisition as below is only indicative and shall not be construed as a commitment from HAL as to the total quantity or the year-wise distribution.

Table-1

Year/Phase	2033	2034	2035	Line Total
ORP	13 Sets			13 Sets
SKD	13 Sets			13 Sets
CKD		13 Sets		13 Sets
RM			40 Sets	40 Sets
Total	**26 Sets**	**13 Sets**	**40 Sets**	**79 Sets**

2.5.5) HAL at its sole discretion may decide to do away with the TOT-MFG plan in part or in full. In this case, HAL shall have the option to place order for outright purchase at prices to be negotiated a fresh but not exceeding the price quoted for Phase-0 with applicable escalation.

2.5.6) OEM needs to indicate the delivery lead time for all ToT deliverables like Test Rig supply with installation and commissioning, Special Tools, Technical documents, Training, Kits, i.e. Phase-0 (ORP), Phase-1 (SKD), Phase -2 (CKD) and Phase-3 (RM) kits, in the proposal for HAL to estimate the timelines for setting up of Manufacturing and ROH facilities.

2.5.7) Vendor has to ensure availability of all materials / hardware / components etc. and sub-Vendor items specifically strategic materials and special qualified materials/items etc. to HAL for the life of the product. If any material / item / sub-Vendor item becomes obsolete or not procurable for any reason, Vendor shall ensure availability of alternate qualified material / items etc. or shall provide all design, qualification and testing documents to enable HAL to develop such items / materials etc. without additional cost implications to HAL.

2.5.8) Proposal for Transfer of Technology for Manufacturing (TOT-MFG) and Repair & Overhaul (TOT-ROH) must include supply of all documents required for Transfer of Technology which have been summarized at **Annexure-2 of SoW** to facilitate manufacturing and Repair & Overhaul activities of the subject Flight Control Actuators.

3. Guidelines For Submission Of Bids:

3.1) Un-Priced / Technical Bid: Following documents must be submitted as part of the technical bid:

3.1.1) Detailed Technical Proposal (also referred as Technical Bid) covering all the Technical Requirements specified under HAL's "Technical Requirement Document" (TRD), RC/IMRH/HYD/TRD/004 ISSUE I, REV-A Dt. 02/05/2026 and RC/IMRH/HYD/TRD/005 ISSUE I, REV-A Dt. 06/05/2026 respectively enclosed as **Enclosure-1** to this RFQ.

3.1.2) Detailed Technical Specification Compliance Matrix as per **Part-I** along with Technical Proposal. The compliance matrix for compliance of Technical Specification should be supported with relevant technical details (datasheets, user manuals etc.) & technical proposal to clearly show how the specification requirement has been complied and references to the document with para number should be indicated in the responses.

3.1.3) Detailed Transfer of Technology (TOT-MFG and TOT-ROH) Compliance Matrix as per **Part-I** along with Technical Proposal. The compliance matrix for compliance of Transfer of Technology (TOT-MFG and TOT-ROH) requirements should be supported with relevant technical details (datasheets, user manuals etc.) & all documents required for Transfer of Technology summarized at **Annexure-2** of SoW to facilitate manufacturing and Repair & Overhaul activities of the subject Flight Control Actuators.

3.1.4) Compliance to Commercial Terms & Conditions at **Part-II.**
Vendors are expected to comply with all the Commercial Terms & Conditions as given in **Part-II** of this RFQ.

Note: In case of any non-compliance to any of the clauses, it should be provided in compliance matrix giving all the necessary factual and comprehensive details

covering the variance / non-compliance. Insufficient or incomplete details may lead to rejection of the offer. **In respect of Technical specifications, indication of "compliance" needs to be substantiated with detailed technical details (datasheets, user manuals etc).**

3.1.5) Compliance to Scope of Work (SoW) at **Part-I.**

3.1.6) Price Bid formats without indicating / mentioning prices / figures in technical bid as per **Part-III**.

Vendor should also attach price formats filled-in with all details without indicating / mentioning prices / figures. The price figures **should not** be filled-in in the format. Vendor should only indicate **'Quoted' / 'Not Quoted' / 'Not Applicable'** in price column in the price format and enclose the same along with the **technical bid** of the tender.

3.1.7) Integrity Pact (either Omnibus IP or Standalone IP):
Integrity Pact (IP) as per HAL format enclosed at **Enclosure-2** shall be duly ink signed by the Vendor along with the witnesses. Failure to sign Integrity Pact as per HAL's standard format may lead to rejection of offer. In case of submission of offer through e-portal, scanned copy of the signed Integrity Pact also need to be submitted along with your technical bid and in parallel, the hard copy of original signed IP should be forwarded by post / courier so that it can reach to HAL on or before the due date & time of this tender. **The submission of Integrity Pact without deviation is a mandatory requirement.**

Entering into integrity pact without deviation from the specified format is preliminary qualification without which the bid is liable to be rejected without evaluation. Vendors who submit IP with deviation might at HAL's discretion be given an opportunity to submit original signed IP without deviation within stipulated time limit as decided by HAL.

It is requested to forward the original signed Integrity Pact in duplicate (as per HAL format enclosed with the RFQ) to the following Contact Person and Address:

Address of the Division/Dept. :
Aerospace Systems & Equipment Research & Design Centre (ASERDC),
Hindustan Aeronautics Limited, Ayodhya Road, Indiranaga, Lucknow – 226016,

India.
Contact Person Name/Designation : Shri Sanjay Kumar Maurya, CM (D-IMM),
Tel No. : +91-522-2350127

HAL will not be responsible for any transit/postal delay or delay due to any other reasons in receipt of hard copy of original signed IP.

In respect of IP and its monitoring, there would be Independent External Monitors (IEM) who will be appointed by the Central Vigilance Commission, a statutory body and not by HAL. The present IEMs are:

1. Shri Sunil Kumar Bansal, IPS (Retd.), Email id: sunilku555@gmail.com
2. Shri Chaitanya Kumar Varma, CE&MES (Retd.), Email id: ck_varma@yahoo.co.in
3. Shri Ashok Kumar Tripathy, IAS (Retd.), Email id: tripathyak@yahoo.com

The Vendor may approach the IEM nominated only for IP related issues. Any other specific clarifications/query/status with reference to tender and request for validity, extension of the tender etc., should be forwarded to concerned tender issuing HAL Officer.

Both Omnibus IP and Standalone IP formats are enclosed with this RFQ. In case if Vendor has already signed Omnibus IP as per the attached format with any other Divisions of HAL and validity of the same exists for this contract period, then Vendor may forward the copy of the same, instead of signing fresh Integrity Pact. If Omnibus IP is not signed, then Vendor may choose to execute either of the IP formats i.e. Omnibus IP or Standalone IP.

The signed IP will form part of the contract / purchase order, in the event of placement of order.

3.1.8) Non-disclosure Agreement (NDA):
Non-disclosure Agreement duly signed by the authorized signatory from the vendor's side strictly as per the format enclosed at **Enclosure-3** to this RFQ should be submitted. If the vendor does not agree to any specific clause in the NDA, the same should be brought out in the Technical Bid for consideration of HAL. However, HAL reserves the right to accept or reject such proposed changes to the clauses of the NDA

3.1.9) Declaration Certificate for procurement of “Goods & Services" and “Transfer of Technology”.

Restrictions under Rule 144(xi) of the General Financial Rules (GFRs) issue by GoI, Ministry of Finance, Department of Expenditure (DOE). Vendors should refer to **Appendix-C** of this tender documents i.e., Clause regarding restrictions on procurement from a Vendor of a country which shares a land border with India.

All the participating Vendors have to mandatorily submit the both **Annexure-IIA & Annexure-IIC** relevant certificate (either **Type-I** or **Type-II**) as per format enclosed, at the time of submitting the technical bid along with their offer.

3.1.10) Bank Mandate Form as per **Enclosure-4** for Bank Account details duly certified by Bank.

3.1.11) Vendor should submit the duly filled checklist as given in **Part-IV** of this RFQ.

3.2) <u>Commercial / Price Bid</u>:

3.2.1) All the prices for this requirement should be given in the price format enclosed as **Part-V** “Price Bid Format” of this RFQ including its **Schedule-I, Schedule-II, Schedule-III** with **Encl-E1, Encl-C1, Encl-C2 & Encl-C3** and **Schedule-IV.**

3.2.2) It should be complete in all respects. No subsequent addition / alteration / claim will be entertained over and above the quoted prices. Supporting documents for the price proposal may be enclosed along with the Price Bid **Part-V**. Offers without complete information and pricing will be treated as incomplete and will not be considered for further evaluation.

3.2.3) All prices should be provided in the **Part-V** and same should be submitted / uploaded only in commercial bid section on HAL e-procurement. **Prices should not be indicated / submitted in the technical bid docuemnts on HAL e-procurement portal.**

4 <u>RFQ Process, Evaluation & Acceptance Criteria:</u>

4.1) <u>Pre Bid Queries & Clarifications:</u>

Vendors may submit their queries or requests for clarification regarding this RFQ by email to **design-imm.adlko@hal-india.co.in**, on or before **14 November 2026**. The queries shall be examined by HAL and addressed, as appropriate, during the Pre-Bid Meeting or through a corrigendum/addendum to the RFQ. Vendors shall quote the relevant RFQ clause number and clearly state the clarification sought.

4.2) Pre Bid Meeting:

The Pre Bid Meeting will be held on **17th Nov 2026 10:30 Hrs (IST)** through video conference (VC). This meeting is scheduled to clarify Technical Requirements, Queries from vendors and RFQ terms and conditions for prospective Vendors.

Those Vendors who are interested to attend the pre bid meeting shall confirm the details of their authorized representatives attending the meeting at least 3 days in advance to the scheduled Pre bid meeting to e-mail Id. **design-imm.adlko@hal-india.co.in**, for sending the VC link for Pre-Bid Meeting.

Any change in the above schedule of Pre-Bid Meeting shall be informed to all the Vendors through email.

4.3) Technical Bid Opening:

The Technical Bids shall be opened online through HAL's e-procurement portal on next working day after the tender closing date. In the event of any change in the schedule, the revised date and time shall be notified through the e-procurement portal by an appropriate corrigendum/addendum.

4.4) Technical Evaluation:

4.4.1) All the technical bids submitted by the vendors would be opened and examined for Adherence / compliance to the requirements as specified in this RFQ. In case of ambiguity in statements given by the vendors, HAL may seek information / clarifications from any or all the participated vendors. Only such offers that meet HAL's technical requirements and other RFQ terms & conditions shall be technically qualified for further commercial evaluation. HAL's decision in this regard is final and binding on all the Vendors.

4.4.2) HAL reserves the right to call for technical interactions to ascertain vendor's competencies, availability of technical resources, past experience, credibility of claims made in the RFQ response, means / likelihood of compliance with technical specifications, etc. If, based on technical interactions as above, HAL Technical Evaluation Committee comes to a reasonable conclusion that the compliance to technical specifications or other claims made in the vendor's bid are unlikely to be met in practice; the Bid shall be rejected as technically non-compliant.

Vendors can see their qualification status online by logging into HAL e-Procurement portal.

4.5) Commercial / Price Bid Opening:

Commercial / Price bids of technically qualified vendors only would be opened online. The system will send e-mail/SMS alerts to the qualified vendors about the Price Bid Opening Date.

4.6) Commercial Evaluation:

4.6.1) The commercial evaluation of offers shall be carried out based on the commercial evaluation criteria / process mentioned in the "Commercial Terms & Condition" **(Part-II)** i.e., as a total package covering the Development Phase and tentative series production phase as indicated at Price Bid **Part-V (Schedule-I & II)**.

4.6.2) For comparison purpose, to arrive the total landed cost to HAL, the quotes indicated there in might be adjusted towards loading factors for non-compliances or partial compliances of commercial terms and conditions as mentioned at appropriate places in this RFQ.

4.6.3) Bid with the lowest price arrived at based on the commercial evaluation criteria / process mentioned in the "Commercial Terms & Condition" will be considered for placement of order.

4.6.4) As the prices for TOT-MFG and TOT-ROH are a desirable / optional condition of this RFQ, therefore prices quoted by Vendors for TOT-MFG and TOT-ROH will not be considered / included for commercial evaluation of the offers.

4.6.5) The prices quoted for the Development Phase shall be firm and fixed for the entire Development Phase, without any escalation.

4.6.6) The prices of Production Phase (i.e., direct purchase / outright purchase) quoted by Vendors at price level **"EC 2027"** will be considered as Base Prices. For determination of comparative prices for commercial evaluation, the following steps would be applied.

- The base prices of Production Phase (i.e. direct purchase / outright purchase) will be escalated using the escalation cap rate to determine the Future Values of the Base prices. If escalation cap is not quoted by the Vendor, the maximum escalation cap quoted amongst all the technically qualified Vendors will be considered for this purpose.

- The summation of the total Fixed & Firm prices for the Development phase and total Production Phase prices (i.e. direct purchase / outright purchase of 79 Sets) at the point of incurrence will be taken as the total price quoted (Landing cost inclusive of all taxes & duties) for comparison of quotes (Not for placement of Order).

4.6.7) It is to be informed that bid received in different currencies will be converted to INR (single currency) for evaluation purpose. Exchange rate (TT Selling rate) as per the SBI Bank (sbi.bank.in) Forex card rates in India will be adopted as on the tender opening date or next available date for commercial evaluation purpose.

4.6.8) Various Loading Factors as mentioned in the Commercial Terms & Conditions Matrix **Part-II** will be applied on the total prices for levelling of prices. Such prices after levelling will be compared to determine L-1, L-2, etc.

4.6.9) The conditions of the Public Procurement (Preference to make in India) policy will be applied on the basis of L-1 so determined to finalize the vendor on whom final order will be placed after due processes including negotiations.

4.6.10) The other cost implications viz. Customs Duty & Cess (as per HSN code of the item declared by Vendor), IGST and other Taxes & Govt. levies (as applicable at the time of commercial evaluation), exchange rate variation (if claimed by Indian Vendors) will be taken into account during commercial evaluation. For services rendered by a foreign Vendor, withholding tax will be applicable. In case HAL is

bearing the Withholding Tax (WHT), same will also be loaded for commercial evaluation.

4.6.11) Conditional discounts if offered in the Bid will not be considered in evaluation of tender.

4.6.12) If the prices quoted are subject to preconditions and/or qualifications of any kind that renders the quote indeterminable in absolute terms, the Price Bid shall be disqualified.

4.6.13) For Indian vendors: Applicability of the Taxes (GST, etc) should be explicitly indicated in the Bid both in percentage terms and in absolute terms. In the absence of this specific input, the offered price would be considered as all-inclusive and no further claims related to taxes payable would be entertained later.

4.6.14) The prices quoted will be evaluated on FOR HAL, Lucknow basis.

4.6.15) It is to be noted that initially Purchase Order will be placed for Design & Development Phase requirement of Flight Control Actuators by HAL, ASERDC, Lucknow Division.

4.6.16) Prices (prices linked to price variation formula) of Anticipated Series Production Phase (i.e., direct purchase / outright purchase of 79 Sets) will be finalised under thiis RFQ and Purchase Orders for the same will be placed by HAL production division after successful completion of development and certification of Flight Control Actuators and receipt of HAL's customer order. However, this will be at the discretion of HAL.

4.6.17) Orders for Anticipated Series Production Phase are subject to factors like progress of relevant milestones in the programme, successful certification of Flight Control Actuators and receipt of orders from the HAL's Customers. Issuance of this RFQ does not create any obligation whatsoever on HAL to place orders for series production.

4.6.18) The requirements arising during the Anticipated Series Production Phase will be met through separate purchase order/s, which will be issued based on HAL's finalized yearly production schedules and the lead time required.

5. Purchase Preference:

5.1) Purchase preference will be given to Micro and Small Enterprises (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.

5.2) Purchase preference shall be governed by Public Procurement (Preference to Make in India), Order 2017 & its amendments issued by Department for Promotion of Industry and Internal Trade (DPIIT). Local suppliers seeking purchase preferences should indicate the percentage of local content duly supported by the self / auditor certification as per the attached format **Appendix-B.** Offers without Certificate as per PPP-MII guidelines will not be considered for availing the Purchase Preference for Local Suppliers. Regarding interpretation of PPP-MII guideline, the sole decision of HAL will be final and binding for all.

6. Project Activities, Milestones And Delivery Schedules:

The subject Flight Control Actuators are required by HAL in two phases as given below. Adherence to the required schedules shall be an important consideration for accepting or rejecting Bids. Minor deviations in this regard may be accepted by HAL based solely on its judgment and discretion.

6.1) Design and Development phase:

Vendor to provide a Development Plan with Schedule, in case the System is to be developed or adapted, clearly indicating the intermediate milestones in the format of a Gantt chart. The required schedule against major project milestones is given below assuming T0 as the date of placement of the Development Phase Purchase Order by HAL, unless otherwise specified in the contract. Vendor may include other milestones also.

These units will be certified by the Indian certification agency – CEMILAC (Centre for Military Airworthiness and Certification) for use on IMRH as per procedure defined in IMTAR-21/IMAP2023 and as per ACR for clearance of BOI ACR/002/2025, Issue 1.0.

Sl. No.	Activity	Timeline
1	PDR	T0+4 Months
2	CDR	T0+8 Months
3	Completion of SOF Tests	T0+24 Months
4	Installation of ATP Test Rig at RWRDC	T0+24 Months
5	Delivery of 1st Set	T0+24 Months
6	Delivery of 2nd Set	T0+30 Months
7	Delivery of 3rd Set	T0+32 Months
8	Delivery of 4th Set	T0+36 Months
9	Completion of full QT	T0+40 Months
10	Delivery of 5th Set	T0+42 Months
11	Final DDP	T0+42 Months

6.2) <u>Anticipated Series Production Phase (Direct Purchase Outright Purchase):</u>

Anticipated Series Production Phase (Direct Purchase / Outright Purchase) requirement is for **79 Sets of Flight Control Actuators.** The numbers are tentative and will be finalised based on the successful completion development phase & certification of Flight Control Actuators and receipt of orders from HAL's customers. The Year wise quantity for tentative production program schedule is given below.

Description	Year 2033	Year 2034	Year 2035
Flight Control Actuators for Indian Multirole Helecopter (IMRH) project: 1. **Three (03) types of Main Rotor Actuators (MRA):** As per HAL's "Technical Requirement Document" (TRD), RC/IMRH/HYD/TRD/004 ISSUE I, REV-A Dt. 02/05/2026. i. MRA-Forward Pitch Actuator. ii. MRA-Rear Pitch Actuator. iii. MRA-Lateral Actuator. 2. **Tail Rotor Actuator (TRA):** As per HAL's, "Technical Requirement Document" (TRD),	13 Sets	26 Sets	40 Sets

RC/IMRH/HYD/TRD/005 ISSUE I, REV-A Dt. 06/05/2026 i. TRA-Yaw Actuator. **One Set consists of quantity one number each of above actuators.**			

It may be noted that the above schedule and projected quantities are indicative only and there would be no binding on HAL in any manner to place order for these quantities. It may please be noted that orders for Anticipated Series Production Phase (Direct Purchase / Outright Purchase) are subject to factors like progress of relevant milestones in the programme, successful certification of the Helicopter and receipt of orders by HAL's customers. The emanating requirements will be met through annual purchase orders that will be placed time to time taking into consideration HAL's finalized year to year production schedule / requirements and supply lead-time for the yearly requirement. There will be no single order covering the total production requirement.

Vendor is required to indicate the lead time for supply of production units with reference to time of placement of production orders.

7. HAL's Rights:

7.1 The issue of this RFQ shall not obligate HAL to accept any bid or place an order. HAL reserves the right, in accordance with applicable rules and procurement procedures, to reject any or all bids, cancel or withdraw the tender, abandon the procurement, or issue a fresh tender for the same or similar requirements, without incurring liability for Vendors' costs associated with preparation or submission of their bids.

9.2 HAL may amend or modify this RFQ before the deadline for submission of bids by issuing a corrigendum/addendum through the prescribed communication channel. Where necessary, HAL may extend the bid submission deadline to provide Vendors reasonable time to take the amendments into account.

9.3 Vendors shall remain responsible for monitoring the HAL e-procurement portal for corrigenda**,** addenda and other tender-related notifications up to the closing date..

8. Validity of Offer / Bid: All quoted prices and bids shall be kept valid for a minimum period of **270 days** from the closing date of tender.

Aerospace Systems & Equipment
Research & Design Centre (ASERDC)
Hindustan Aeronautics Limited

— A Maharatna CPSE —

Indiranagar, Lucknow-226016, India
Ph : +91-522-2350127
Email: design-imm.adlko@hal-india.co.in

9. **Miscellaneous:**
   i. Bids to be submitted through HAL e-procurement portal only on or before the due date and time specified. Bids submitted through any other mode will not be considered.
   ii. Bids received after the due date and time shall be summarily rejected. HAL reserves the right to reject incomplete tenders if the nature and extent of deficiencies preclude rectification of Bid through limited clarifications.
   iii. Refer attached e-Tender terms for submission of online proposal (Annexure-2).
   iv. Vendors may seek clarification on specific tender / RFQ / NIT related queries within the specified period (i.e. Within 10 days from RFQ date) at the following contact details.

Any clarifications on the tender, you may contact:

Chief Manager (Design-IMM), ASERDC,
Hindustan Aeronautics Limited,
Ayodhya Road, Indiranagar,
Lucknow-226016, India
Tel: +91-0522-2350127
E-Mail: design-imm.adlko@hal-india.co.in.

   v. **Tender Documents:** The Vendors should download all tender documents directly from HAL e-procurement portal (http://eproc.hal-india.co.in or link to e-Procurement through www.hal-india.co.in). No Tender fee is applicable.
   vi. Vendors are advised to visit HAL website/e-procurement portal till the closing date of RFQ towards all its corrigenda / addenda, if any. No separate communication will be sent.

Thanking You,

Yours faithfully,
For Hindustan Aeronautics Ltd,

(Sanjay Maurya)
CM (D-IMM)

Aerospace Systems & Equipment
Research & Design Centre (ASERDC)
Hindustan Aeronautics Limited

— A Maharatna CPSE —

Indiranagar, Lucknow-226016, India
Ph : +91-522-2350127
Email: design-imm.adlko@hal-india.co.in

Annex/Encl/Appendix: As Stated below.

Sl. No.	Enclosure No.	Document
1	Part-I:	Technical Specification Compliance Matrix.
2	Part-II:	Commercial Terms & Conditions Compliance Matrix.
3	Part-III:	Price Bid format without prices.
4	Part-IV:	RFQ Check List.
5	Part-V:	Price Bid format.
6	Enclosure-1:	Technical Requirement Document (TRD) for MRA & TRA and Scope of Work.
7	Enclosure-2:	Integrity Pact format.
8	Enclosure-3:	Non-disclosure Agreement (NDA) format.
9	Enclosure-4:	Bank Mandate Form.
10	Enclosure-5:	Bank Guarantee format for Security Deposit (SD).
11	Enclosure-6:	Bank Guarantee format for Performance Bank Guarantee (PBG).
12	Enclosure-7:	Guidelines for participation in e-tender on HAL e-Procurement portal.
13	Enclosure-8:	ACR for clearance of BOIs
14	Appendix-A:	Public Procurement (Preference to MII), Policy Terms & Conditions.
15	Appendix-B:	Format for local content certificate
16	Appendix-C, Annexure-IIA & Annexure-IIC:	Restrictions under Rule 144(xi) – GFR - restrictions on procurement from a bidder of a country which shares a land border with India, Declaration certificate for procurement of Goods and Services.