

Tender No: HYD/PPMM/ENQ/39

Date: 24/02/2026

Due Date: 06/03/2026

Subject: Calibration (ON SITE) of Ultrasonic Flow Detector & Eddy Current Tester (ECT) at AIESL, Shamshabad.

Dear Sir,

Please arrange to submit your best quotation for OEM / OEM Channel Partner calibration of Ultrasonic Flow Detector & Eddy Current Tester (ECT) as per the details given below.

S.No.	Description	QTY (A)	No. of Services for 2 years (B)	UNIT PRICE / SERVICE (C)	GST%	Total amount for 2 years (excl. GST) = D = AxBxC
1	Calibration of Ultrasonic Flow Detector (UFD) Model: USN 52L S/N: 10022600P69V(ON SITE) . Calibration only through OEM/OEM Authorised Channel Partner. Make: GE Inspection Technologies / Waygate Technologies (incl. Transportation cost)	01 No.	02			D1 = A1xB1XC1
2	Calibration of Eddy Current Tester (ECT) Model: Mentor EM, S/N 1610HT4 (ON SITE).Calibration only through OEM/OEM Authorised Channel Partner. Make: GE Inspection Technologies / Waygate Technologies (incl. Transportation cost)	01 No.	02			D2 = A2xB2XC2
	TOTAL (FOR 2 YEARS FOR ABOVE 2 EQUIPMENTS EXCL. GST) = E = D1+D2					
	GST AMOUNT ON (F)					
	G = GRAND TOTAL (INCL gst) = E + F = (THE AMOUNT TO BE REFLECTED IN GEM BID)					

Scope Of Work:

Ultrasonic Flow Detector – Model USN 52L (S/N: 10022600P69V) – **Onsite Calibration**

The calibration scope shall include, but not be limited to, the following checks and verifications as per the manufacturer's technical manual and applicable standards (ASTM E317 / EN 12668-1 or equivalent):

- Vertical Linearity of the Amplifier — Full Screen Height (FSH) verification at multiple gate levels per ASTM E317.
- Horizontal Linearity of the Time Base — Linearity check across the complete operating range.
- Sensitivity and Resolution of the Receiver — Signal-to-noise ratio and sensitivity verification.
- Calibration using N30 Standard Calibration Block (S/N: 5800) traceable reference standard.

- Complete Functional Check — Verification of all operational features per OEM technical specification.
- Gate functionality, alarm thresholds, PRF settings and display clarity verification.
- Battery health check and power management verification.
- Software/firmware version check and update recommendation (if applicable).
- Documentation of all as-found and as-left values in the Calibration Certificate.

Eddy Current Tester — Model Mentor EM (S/N: 16101HT4) – On Site Calibration

The calibration scope shall include, but not be limited to, the following checks and verifications as per the OEM technical manual:

- Linearity of the Amplifier — Verification across the full operating range.
- Display of the Impedance Plane — Accuracy and phase angle display verification.
- Sensitivity of the Receiver — Gain accuracy and receiver sensitivity check.
- Calibration using Calibration Block Model ED01 (S/N: 321958/22, 29A049) with artificial defects of 0.2 mm, 0.5 mm, and 1 mm.
- Frequency range verification across all selectable frequencies.
- Drive voltage and output impedance check.
- Phase and amplitude measurement accuracy verification.
- Complete functional check of all equipment features per OEM specification.
- Software/firmware version check and update recommendation (if applicable).
- Documentation of all as-found and as-left values in the Calibration Certificate.

General Scope Requirements

- All calibration activities shall be traceable to national / international standards.
- Calibration shall be valid for a minimum period of 12 months from the date of calibration.
- Calibration certificates shall be issued on OEM / Authorised Service Provider letterhead with unique certificate numbers, and authorised signatory.
- Any defects or anomalies observed during calibration shall be reported to AIESL in writing with recommended corrective action.
- Minor adjustments/corrections required to bring the equipment into calibrated state (within OEM specification) shall be included within the scope without additional charges.

Eligibility Criteria (GeM Compliant)

Bidders must fulfill ALL of the following mandatory eligibility conditions to qualify for this tender. Non-compliance with any criterion shall result in disqualification:

OEM or Authorised Service Provider (Mandatory)

- The bidder shall be either the Original Equipment Manufacturer (OEM) i.e., GE Inspection Technologies / Waygate Technologies, OR an entity holding a valid, current, and unexpired written Authorisation/Channel Partner Agreement from the OEM specifically authorising them to carry out calibration services for USN 52L and/or Mentor EM equipment in India. If OEM Authorised certificate is not provided then the bid will be disqualified
- A copy of the OEM Authorisation Certificate / Channel Partner Agreement shall be submitted along with the bid. The authorisation must be valid on the date of bid submission and shall remain valid throughout the contract period.
- Sub-contracting of calibration work is NOT permitted.

Laboratory Accreditation

- OEM-direct calibration, the OEM's service facility compliance to ISO/IEC 17025 or equivalent internal quality system shall be demonstrated.

Mandatory Documents to be Uploaded

- If calibration is from other than OEM, OEM Authorisation / Channel Partner Certificate (Mandatory) — Scanned copy, valid on date of bid submission.
- GST Registration Certificate & PAN.
- Company registration documents (as applicable).
- Self-declaration regarding:
 - No blacklisting
 - Acceptance of tender terms
- Experience / Performance Certificates — Minimum one from previous client for similar calibration work in last 3 years.
- Technical Compliance Statement — Confirming compliance to all technical specifications and scope of work stated in this document. Copy of OEM Authorised Channel Partner/Service provider certificate shall be provided.
- Declarations — Undertaking that the bidder is not blacklisted by any Government Department, PSU, or Ministry.

Terms and Conditions:

Contract Period

- The contract shall be for a period of 24 (twenty four) months from the date of award of contract / Purchase Order.
- AIESL reserves the right to extend the contract for a further period of up to 12 months on the same rates and conditions, by mutual agreement.

Turnaround Time

- The vendor shall complete calibration and return the equipment in calibrated condition within 10 (ten) working days from the date of receipt of equipment.
- In case of unavoidable delay, the vendor shall inform AIESL in advance in writing stating the reasons.
- Calibration must be rescheduled or completed within 7 working days if equipment is required urgently by AIESL.

Payment Terms

- Payment shall be made within 30 days of receipt of valid calibration certificate, invoice, and delivery of equipment in calibrated condition at AIESL facility.
- Payment shall be made through RTGS/NEFT/GeM payment gateway as applicable.
- TDS and other applicable statutory deductions shall be made as per Government of India rules.

Warranty on Calibration

- The vendor shall warrant that the calibration carried out is in accordance with the applicable standards and OEM technical manual.
- In case any calibration parameter is found to be non-compliant within the validity period due to vendor's fault (excluding mishandling by AIESL), the vendor shall re-calibrate the equipment at no additional cost.

Transportation Requirements

- a) Bid must be **inclusive of to-and-fro transportation charges** (mandatory under GeM quote inclusion).
- b) Transportation must ensure protection of equipment; liability for **damage, loss, or**

mishandling rests with the service provider.

c) In case of bulk calibration with similar due dates, consolidated pickup may be arranged.

Pricing Conditions (GeM Compliant)

- a) Prices shall be **firm, all-inclusive**, and as applicable to **Government/PSU Institutions**.
- b) GST must be shown **separately** as per GST Rules.
- c) HSN code for calibration services must be clearly mentioned.
- d) No additional charges will be accepted beyond what is quoted on GeM.

Deliverables

Upon completion of calibration, the selected vendor shall furnish ALL of the following deliverables to AIESL:

1. Calibration Certificate (Original + One Soft Copy) — Separate certificate for each instrument. Certificate shall contain: Certificate Number, Customer Name, Equipment Description, Model, Serial Number, Date of Calibration, Calibration Valid Till date, Reference Standards used (with traceability), measured parameters, as-found and as-left values, acceptance criteria, and signature of Authorised Signatory.
2. Certificate of Conformance — Confirming that the equipment meets the OEM specifications post-calibration.
3. Calibration Sticker / Label — Affixed on the equipment body showing calibration date and due date.
4. Calibration Data Report — Detailed data sheets with all measured values for each calibration parameter.
5. Non-Conformance Report (if applicable) — In case any parameter is found out of specification and cannot be corrected within the scope, a formal written NCR shall be provided.
6. Equipment Health / Condition Report — A brief report on the general health of the equipment, any observed anomalies, and recommendations.

Termination

- AIESL reserves the right to terminate the contract at any time by giving 30 days' written notice.
- In case of breach of contract, misrepresentation, or failure to deliver as per agreed terms, AIESL may terminate the contract immediately and may blacklist the vendor for future procurement.

General Conditions

- a) AIESL reserves the right to accept, reject, or cancel the bid without assigning any reason, in line with **GFR Rule 173**.
- b) Bidder must maintain strict adherence to ethical procurement standards per **CVC guidelines**.
- c) Canvassing, influencing, or collusion will lead to disqualification.
- d) All disputes are subject to Hyderabad jurisdiction.
- e) GeM General Terms & Conditions apply in addition to these tender-specific conditions.
- f) In case of **out-of-tolerance results**, corrective action and re-calibration shall be carried out **without additional cost**.
- g) **Validity** - Calibration validity shall be **12 months**, unless otherwise specified by DGCA / OEM.
- h) All bids shall be submitted exclusively through the GeM portal (www.gem.gov.in). Bids submitted by any other mode (email, post, hand delivery) shall not be considered.
- i) Prices are firm and fixed for 24 months and the same rates, Terms and Conditions shall be applicable for further 1 year on extension of contract on mutual consent.

Bidder's Declaration (To Be Uploaded on GeM)

We hereby accept all the terms and conditions of this tender and certify that the calibration services offered will be carried out strictly as per OEM Standards.

AWARD OF CONTRACT

The contract will be awarded to the **lowest technically qualified bidder (L1)** as per GeM and GFR rules.

AIESL Contact Details & Address for On Site Calibration

O/o. Dy. GM (E-PPMM)

AI Engineering Services Ltd.,
MRO Complex, Gate No. 03,
RGIA, Shamshabad, Hyderabad - 500108, Telangana
Contact: **9160221608**

GENERAL CONDITIONS OF CONTRACT (GCC)

- a. AIESL reserves the right to accept or reject any or all bids without assigning any reason thereof.
- b. AIESL reserves the right to split the order, if deemed necessary in the interest of the organisation.
- c. Any attempt to influence the bid evaluation process shall result in immediate disqualification.
- d. Canvassing in any form in connection with this tender is strictly prohibited.
- e. The selected vendor shall comply with all applicable laws, regulations, and statutes of the Government of India and the State Government.
- f. Disputes, if any, shall be subject to the jurisdiction of courts at the place where AIESL's principal office is located.
- g. The vendor shall indemnify AIESL against all claims, damages, or losses arising from vendor's acts or omissions during the performance of this contract.
- h. Force Majeure: Neither party shall be liable for failure to perform obligations if such failure is due to causes beyond reasonable control including acts of God, war, earthquake, pandemic, or government restrictions.
- i. Any information shared by AIESL shall be used solely for the purpose of this contract.
- j. Integrity Pact: AIESL follows the principles of the Central Vigilance Commission (CVC) guidelines. The vendor shall adhere to ethical standards and integrity in all dealings.

For AI Engg. Services Ltd.,



General Manager (Engg.)

महसबंधक (इंजीनियरिंग)/General Manager (Engg.)
ए आई इंजीनियरिंग सर्विसेज लिमिटेड
AI Engineering Services Limited
एम.आर.ओ. कॉम्प्लेक्स, आर जी आई एयरपोर्ट
MRO Complex, RGI AIRPORT
गेट सं. ३, के पास, /Near Gate No. 3, शंशाबाद/ Shamshabad
हैदराबाद/Hyderabad - 500 108, तेलंगाना/ T.S.