



KERALA ELECTRICAL & ALLIED ENGINEERING CO. LTD.

(GOVERNMENT OF KERALA UNDERTAKING)

Registered & Corporate Office –Mamala PO ,Ernakulam

KUNDARA UNIT –Kundara PO, PB NO 8,KOLLAM ,691501

TENDER No. KEL/FL/ MMD/K325/E PROC/26-27

Date: 20.08.2026

NOTICE INVITING TENDER

Kerala Electrical & Allied Engineering Co. Ltd. (KEL) invites e-tender for the Supply of 250 kW, 3-Phase Induction Motor for 520 kW Test Bed from eligible and experienced manufacturers/suppliers.

Supply of 250 kW, 3-PHASE INDUCTION MOTOR FOR 520 kW TEST BED		
01	Tender inviting Authority, Designation and Address	Deputy General Manager KEL Kundara Kollam
02	a) Name of the Work/Service	Supply of 250 kW, 3-PHASE INDUCTION MOTOR FOR 520 kW TEST BED
	b) Tender reference	KEL/FL/MMD/K /EPROC/26-27
	c) Material	Supply of 250 KW, 3-PHASE INDUCTION MOTOR FOR 520 kW TEST BED
	d) Quantity	1 No.
	e) Place of Delivery	KEL Kundara
	f) Delivery Scheduled	As per schedule issued by KEL
03	Earnest Money Deposit	Rs 25,000/- (Twenty Five Thousand rupees only)
04	Tender documents available	As mentioned in the Tender details (www.etenders.kerala.gov.in)
05	Tender Publishing Date	As mentioned in the Tender Details (www.etenders.kerala.gov.in)
06	Tender Submission date and Time	As mentioned in the Tender details (www.etenders.kerala.gov.in)
07	Tender Closing Date and Time	As mentioned in the Tender details (www.etenders.kerala.gov.in)
08	Tender opening date and Time	As mentioned in the Tender details (www.etenders.kerala.gov.in)

09	Tender Opening Place	KEL,KUNDARA PO KOLLAM
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This tender is invited in 2 cover system from the registered and eligible firms through e-procurement portal of Government of Kerala (<https://www.etenders.kerala.gov.in>). Prospective bidders willing to participate in this tender shall necessarily register themselves with above mentioned e-procurement portal.

The tender timeline is available in the critical date section of this tender published in www.etenders.kerala.gov.in.

1. Online Bidder registration process:

- a. Bidders should have a Class II or above, Digital Signature Certificate (DSC) to be procured from any Registration Authorities (RA) under the Certifying Agency of India. Details of RAs will be available on www.cca.gov.in. Once, the DSC is obtained, bidders have to register on www.etenders.kerala.gov.in website for participating in this tender. Website registration is a one-time process without any registration fees. However, bidders have to procure DSC at their own cost.
- b. Bidders may contact e-Procurement support desk of Kerala State IT Mission over telephone at 0471-2577088, 2577188, 2577388 or 0484-2336006, 2332262 and through email: etendershelp@kerala.gov.in & eprocsupport.ker@nic.in for assistance in this regard.

2. Online Tender Process:

The tender process shall consist of the following stages:

- a. **Downloading of tender document:** Tender document will be available for free download on www.etenders.kerala.gov.in. However, tender document fee shall be payable at the time of bid submission as stipulated in this tender document.
- b. **Publishing of Corrigendum:** All corrigendum will be published on www.etenders.kerala.gov.in, which will be a part of the tender.
- c. **Bid submission:** Bidders have to submit their bids along with supporting documents to support their eligibility, as required in this tender document on www.etenders.kerala.gov.in. No manual submission of bid is allowed and manual bids shall not be accepted under any circumstances.
- d. **Opening of Technical Bid and Bidder short-listing:** The technical bids will be opened, evaluated and shortlisted as per the eligibility and technical qualifications. All documents in support of technical qualifications shall be submitted (online).

Failure to submit the documents online will attract disqualification. Bids shortlisted by this process will be taken up for opening the financial bid.

- e. Opening of Financial Bids:** Bids of the qualified bidder's shall only be considered for opening and evaluation of the financial bid.

3. SUBMISSION PROCESS:

- a.** For submission of bids, all interested bidders have to register online as explained above in this document. After registration, bidders shall submit their Technical bid and Financial bid online on www.etenders.kerala.gov.in along with online payment of tender document fees and EMD.
- b.** For page by page instructions on bid submission process, please visit www.etenders.kerala.gov.in and click "Bidders Manual Kit" link on the home page.
- c.** It is necessary to click on "Freeze bid" link/ icon to complete the process of bid submission otherwise the bid will not get submitted online and the same shall not be available for viewing/ opening during bid opening process.

4. CATEGORIES OF BIDDERS FROM WHOM BIDS ARE SOLICITED:

Indian manufacturers / authorized dealers / suppliers of industrial three-phase induction motors meeting the technical specifications specified in this tender.

5. ELIGIBILITY CRITERIA

Eligibility criteria to participate in the tender

- a. The tenderer should be a manufacturer of 3-phase induction motors or an authorized dealer/supplier of a reputed manufacturer.
- b. The manufacturer should have the capability to manufacture and supply high-capacity industrial induction motors of the required rating.
- c. In case the bidder is an authorized dealer/supplier, a valid Manufacturer's Authorization Certificate shall be submitted along with the technical bid.
- d. The bidder shall furnish documentary evidence of previous supplies of similar / comparable rating induction motors to industries during any of the previous three financial years.
- e. The bidder shall submit relevant technical catalogue/datasheet of the offered motor along with the technical bid.

6. TECHNICAL SPECIFICATION OF 250 kW INDUCTION MOTOR

The motor shall conform to the following minimum technical requirements:

Sl. No.	Parameter	Required Specification
1	Rating	250 kW / 335 HP
2	Speed	3000 RPM
3	Type	Induction Motor
4	Mounting	Foot Mounted
5	Phase	3 Phase
6	Voltage	415 V AC $\pm 10\%$

7	Frequency	50 Hz $\pm$ 5%
8	Efficiency Class	IE3 (preferred)
9	Ambient Temperature	50°C
10	Insulation Class	F
11	Protection	IP55
12	Enclosure	TEFC (Totally Enclosed Fan Cooled)
13	Winding	Copper
14	Standard	IS 12615 / IEC 60034-1
15	Frame Size	355
16	Required Make	ABB, Siemens, Kirloskar, Crompton Greaves

7. TECHNICAL BID/ COMMERCIAL BID

Technical bid proposal shall contain the scanned copies of the following documents which every bidder has to upload:

- i. Technical bid document duly filled, digitally signed and upload.
- ii. Notice Inviting Tender duly signed.
- iii. Tender Details duly signed.
- iv. Technical datasheet/catalogue of the offered motor.
- v. Operation and maintenance manual
- vi. Relevant test certificates / Routine test report
- vii. Recommended spare parts, if applicable.
- viii. Warranty certificate

- ix. Manufacturer's authorization certificate, wherever applicable
- x. Details of previous supplies of similar induction motors.
- xi. Other Pre –Qualification Requirements
 - Financial statements for the last two years
 - GST registration details
 - Company registration proof (CIN/valid certificate).
 - Undertaking – no legal/vigilance/CBI cases (Annexure-I).
 - Proof of experience – certificates/invoices/work orders.
 - Self-certification – not blacklisted/debarred; no contract terminated/EMD forfeited.
 - Banker's name, Account no. PAN card. etc.

8. PRICE BID

The Bidder shall upload the Price bid as per format given in cover 2:-

- a. The prices quoted shall be for Supply of 250 kW, 3-PHASE INDUCTION MOTOR FOR 520 kW TEST BED at KEL, Kundara Unit, Kollam District on for destination basis.
- b. The GST and any other statutory levies shall be clearly mentioned in the Price bid.
- c. The rate quoted in the BoQ shall be for One No only.
- d. The bidder shall upload the price break up sheet also in price bid.

9. Tender Document Fees and Earnest Money Deposit (EMD):

- a. The Bidder shall pay, Tender fee: ₹ 2,950/- ; EMD: ₹ 25,000/- to safeguard against bidder default.
- b. EMD of unsuccessful bidders will be refunded automatically; for successful bidders, refund is after submission of Security Deposit (SD).
- c. Successful bidders must submit SD of 5% of contract value within 10 days (via DD or Bank Guarantee).
- d. SD is waived for existing suppliers and must be revised if contract value increases.

- e. SD bears no interest and may be adjusted or forfeited for non-performance, delays, or risk purchase.
- f. SD will be refunded only after full contract completion.
- g. The requirement of Security deposit is waived off for existing suppliers.
- h. MSME suppliers are exempt from EMD.

10. GENERAL CONDITIONS

- a. The offered motor shall strictly comply with the technical specifications specified in the tender.
- b. The bidder shall submit the technical catalogue/datasheet, GA drawing and dimensional details of the offered motor along with the technical bid.
- c. The offered motor shall be new, unused and of current manufacture. Reconditioned, refurbished or second-hand motors shall not be accepted.
- d. The motor shall conform to IS 12615 / IEC 60034-1 and shall meet the applicable requirements of the standards specified in the tender.
- e. The bidder/manufacture shall provide routine test certificates/test reports for the motor in accordance with the applicable standards.
- f. The motor shall be supplied complete with all standard accessories and fittings necessary for its satisfactory and safe operation.
- g. The motor shall be suitably packed to withstand transportation, handling and storage conditions without damage. The supplier shall be responsible for any damage attributable to inadequate packing.
- h. Final acceptance of the motor shall be subject to verification of the technical specifications, inspection/testing, documentation and satisfactory performance at KEL, Kundara.
- i. The supplier shall provide a warranty for the 250 kW, 3-Phase Induction Motor and its associated components. Any defect arising

during the warranty period due to defective materials, workmanship, or manufacturing defects shall be rectified/repared or the defective component/equipment shall be replaced by the supplier at no additional cost to KEL.

- j. Tenderers will not be titled to claim any costs for preparing or submitting the bid. Firms that failed to meet previous KEL contractual obligations, resulting in short closure/cancellation (not due to KEL), or those blacklisted, are ineligible for two years.
- k. The Tenderer shall bear all taxes, Stamp duties, License fees and other such levies imposed except GST. GST will be paid extra if it is applicable.
- l. KEL may modify or amend the tender terms before the e-tender closes. Any updates, corrections, or additional conditions published on www.etenders.kerala.gov.in are binding. Bidders must regularly check the website for corrigenda.
- m. Participation implies acceptance of all terms; complaints post-submission will not be entertained
- n. Purchase Orders with delivery schedule will be placed as per the requirement during the rate contract period. The supplier should adhere to the delivery schedule indicated in the P.O.
- o. KEL reserves the right to reject any or all tenders or cancel the tender at any stage without assigning any reasons thereof.
- p. If the performance of the work is not satisfactory, KEL have the right to forfeit the Security Deposit remitted in favour of KEL with an option to claim further damages if any, from the tenderer.
- q. Since KEL is a public sector undertaking fully owned by the Government of Kerala, the applicable government policies, procedures and directions from time to time will also be the basis for deciding on the procurement.
- r. Tenderers who fail to comply with earlier contractual obligations of KEL which resulted in short closure/cancellation of any contract are not eligible to participate in this tender.
- s. The denomination of quote should be INR only.

- t. Payment for the supply will be made against receipt of the bills for the quantity accepted by us as per our records (Goods Receipt Note).
- u. The company reserves the right to accept or reject any or all the tenders without assigning any reasons whatsoever.
- v. We reserve the right to suspend or terminate contract at any time during the pendency of the contract by giving prior notice to the supplier.
- w. Submission of false, dubious, forged or tampered documents by the tenderers shall lead to the disqualification of the tender and action as deemed fit (including forfeiture of EMD) by the KEL shall be taken against such erring tenderer.
- x. It should be clearly understood by the tenderer(s) that no opportunity shall be given to him/them to modify or withdraw his/their offer after the date & time stipulated for submission of tender. In case of modification or withdrawal of the offer by any bidder after the date & time stipulated for submission of tender, the EMD submitted with tender shall be forfeited.
- y. The tenderer has to indemnify KEL for any losses, accrued to alteration/modification made/observed in the terms and conditions, including General Conditions of the tender downloaded from the website (www.etenders.kerala.gov.in).
- z. If at any stage any change/modification is noticed in the downloaded tender document, tenderer will abide by the original terms and conditions, including General Conditions of the tenderer, failing which, KEL reserves the right to reject the tender and/or terminate the contract.
- aa. KEL reserves the right to call all or any of the tenderer for clarification and seek additional information/documents.

11. ADDITIONAL TERMS AND CONDITIONS

- a. KEL reserves the right not to consider parties having any dispute arising out of any omission/ commission/ negligence etc. resulting into any type of loss to KEL during the last five years, in order to protect KELs interest. KEL reserves the right to reject any or all tenders or cancel the tender at any stage without assigning any reasons thereof.

- b.** Any disputes, claims out of or in connection with this order shall be subjected to the jurisdiction of Courts at Kollam, Kerala.
- c.** Delayed supply attracts liquidated damages of 0.5% per week (max 10% of undelivered value), subject to force majeure, without affecting KEL's right to terminate under Risk Purchase.
- d.** If either party cannot perform obligations due to events beyond their control (e.g., war, civil unrest, natural disasters, government restrictions, strikes, epidemics) the performance timeline will be extended. If such circumstances exceed three months, either party may terminate the contract without claiming damages. The affected party must notify the other within 15 days, and proof from authorities or Chambers of Commerce will suffice. Material or financial unavailability alone is not an excuse.

Bidders are requested to contact mmd.kundara@kel.co.in for any further clarifications, drawing etc.

For Kerala Electrical & Allied Engineering Co. Ltd.

Sd/-

HOD (Materials)

Sign and Seal of the bidder