



COEP Technological University

A Unitary Public University of Government of Maharashtra
(Formerly College of Engineering Pune)

Department of Mechanical Engineering

Wellesley Road, Shivajinagar, Pune-411005, Maharashtra, India

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Enquiry Letter

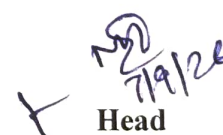
The Department of Mechanical Engineering, COEP Technological University, Pune invite sealed quotations, from reputed manufacturers, authorized dealers, distributors, suppliers, or service providers for the supply of a Customize PMSM Motor Drive under the ARMREB project titled "Feasibility Analysis and Experimental Study of Turret Gun Control System."

Enquiry Number: -	COEPTU/MED/ Customize PMSM Motor Drive ARMREB project/SSO/2026-27/ 378
Enquiry Date: -	07/09/2026
Customize PMSM Motor Drive	1. Compatibility: Compatible with PMSM / AC Servo Motor 2. Rated Power: Minimum 700 W. 3. Input Supply Voltage: 230 V AC, Single Phase, 50 Hz 4. Output Voltage: Controlled three-phase AC output (U, V, W) suitable for the specified PMSM/servo motor. 5. Continuous Output Current: ≥ 10 A 6. Peak Output Current: ≥ 18 A 7. Operating Temperature: 0°C to $+50^{\circ}\text{C}$ (minimum) 8. Warranty: Minimum 3 Year. 9. Quantity: 4 Nos. 10. Controller Compatibility: The drive shall support external control from STM32 and TI DSP/controller boards using Pulse/Direction (Step/Direction) command inputs. 11. The drive shall be compatible with a Weton 23-bit Absolute Encoder with RS-485 interface. 12. Ethernet Communication: The drive shall provide a minimum of two Ethernet ports and support UDP and/or TCP/IP communication for communication with external controllers and/or other drives. 13. Motor Compatibility: The drive shall be compatible with Inovance MS Series PMSM/Servo Motors. 14. The supplier should provide configuration software of customize pmsm drive and same to be tested at the time of delivery. 15. Protection: Over-voltage, under-voltage, and over-current protection shall be provided. Appropriate snubber circuits shall also be incorporated to protect the power switches and ensure reliable operation of the drive. 16. Custom Firmware Support: The motor drive shall support custom firmware development and user programmability 17. Supplier Confirmation: The supplier shall confirm compatibility of the proposed drive with the specified motor, encoder, Pulse/Direction control interface, and Ethernet communication requirements. 18. Documentation: Complete datasheets, user manuals, communication protocol documentation, wiring details.

Location: -	Mechanical Department, COEP Technological University Pune
Quotation Submission Date@ Time: -	Up to 18/09/2026 @ 5.00pm
Quotation Submission Place: -	Inward Section, Near Establishment Section, COEP Technological University, Wellesley Road, Shivajinagar, Pune-411005
Quotation Opening Place: -	Head, Department of Mechanical Engineering, COEP Technological University, Wellesley Road, Shivajinagar, Pune-411005

Terms & Conditions: -

1. Fax and Email quotation are not acceptable.
2. The taxes, insurance, freight, packing and forwarding charges if any be quoted in Indian Rupees separately.
3. The rates shall be valid for 90 days.
4. Validity: Quotation Validity at least 90 days from the due date.
5. Quotations shall be sent in sealed envelopes clearly marked Quotation for Supply and Installation of, **Customize PMSM Motor Drive**, Enquiry Number, Enquiry date and Enquiry due date and addressed to The Head, Department of Mechanical Engineering, COEP Technological University Pune - 411 005.
6. 100% payment will be paid after satisfactory delivery, installation and commissioning/work.
7. Please specify the make and model of the item.
8. Quotation(s) received after last date of Quotation submission will be rejected.
9. Delivery/Work Period and Terms Conditions should be mentioned clearly
10. Delivery/Work: The penalty conditions are applicable for the late delivery as per Government norms.
 - a) at the rate of 0.5 % per week; the maximum limit of 10% shall be charged in case of PO value is less than 2 Lakh.
- OR
- b) at the rate of 0.5 per week; maximum limit of 5% shall be charged in case of PO value is 2 Lakh and above.
11. All following documents/certificates should be provided / attached at the time quotation submission.
 - a) Shop Act License/Incorporation Certificate/Firm Registration Certificate Copy.
 - b) PAN Card Copy
 - c) GST Certificate Copy
12. Optional items should be quoted in separate sheet otherwise your quote will be rejected
13. Supply/Work and Installation: - Vendor shall be responsible for successful installation, commissioning and testing of the supplied items at Department of Mechanical Engineering, COEP Technological University Pune-411005. Any defective component/device will be replaced by vendor at his cost.
14. The Registrar of COEP Technological University Pune reserves right to reject any one or all the quotation(s) without assigning any reasons there for.


 Head
 Department of Mechanical Engineering,
 COEP Technological University Pune
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 COEP Technological University Pune-05