



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

Sealed Quotation are invited by the Department of Mechanical Engineering, COEP Technological University Pune from reputed vendors/reseller/suppliers/service providers for the Expertise and Consultancy services for Design review and Development of ARMREB project of Feasibility Analysis and Experimental Study of Turret Gun Control System.

Enquiry Number: -	COEPTU/MED/ Expertise and Consultancy services for Design review and Development of ARMREB project of Feasibility Analysis and Experimental Study of Turret Gun Control System. /2025-26/1887(A)
Enquiry Date: -	30/01/2026
Description & Qty: -	<ol style="list-style-type: none">1.Pre-Manufacturing Readiness – GDT, Manufacturing Processes, Selection of components.2.System Modelling: Development of MATLAB-based mathematical and dynamic models of elevation and traverse mechanisms using finalized design data to establish a validated baseline for manufacturing.3.Dynamic Simulation & Torque Validation: Verification of torque, speed, and acceleration requirements through MATLAB/Simulink simulations (up to 120°/s² acceleration and 80°/s velocity) to confirm adequate performance margins prior to fabrication.4.Control Algorithm Readiness Analysis: Analysis of position and velocity control strategies using MATLAB/Simulink to assess stability, tracking performance, and robustness for the finalized mechanical design.5.Manufacturing Deviation Impact Assessment: Sensitivity and parametric studies to evaluate the effect of anticipated manufacturing tolerances, backlash, friction, and inertia variations on system performance.6.Test Planning & Acceptance Criteria Definition: Preparation of simulation-backed test procedures, performance benchmarks, and acceptance criteria to be used after the manufactured unit is supplied.7.Technical Documentation: Submission of MATLAB models, simulation results, tolerance-impact studies, and test/acceptance readiness reports.
Location: -	Mechanical Department, COEP Technological University Pune
Quotation Submission Date@ Time:	Up to 11/02/2026 @ 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, **Consultancy Services**, 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

HEAD

Department of Mechanical Engineering
COEP Technological University, Pune-05