



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 equipment purchase pressure sensor with amplifier for Single Cylinder IC Engine in Engine Test Lab of Mechanical Engineering Department.

Enquiry Number :-	COEPTU/Mech/Enq/Equipment purchase for pressure sensor with amplifier for Single Cylinder IC Engine /2024-25 <i>1865</i>
Enquiry Date:-	18/03/2025
Description & Qty:-	<p>Pressure sensor with amplifier:</p> <ol style="list-style-type: none">1. Measuring range - The pressure sensor is having a measuring range of 0-200 bar2. Working principle - The sensor operates on the piezoelectric principle.03. Cooling - The sensor is water-cooled4. Sensitivity ($\pm 0.5\%$) - The sensor sensitivity is 10 mV/bar, with an accuracy of $\pm 0.5\%$.5. Overload - The sensor withstands an overload 250 bar6. Linearity - The sensor withstands an overload 250 bar 77. Sensitivity to acceleration - The sensor sensitivity to acceleration is 0.001 bar/g8. Operating temperature range Sensor - The sensor operates within a temperature range of -50°C to 350°C9. Plug with charge amplifier - The sensor plug operates within a temperature range of -10°C to 85°C10. Change in sensitivity ($200 \pm 150^{\circ}\text{C}$) - The change in sensitivity of the sensor is $\leq \pm 2\%$ or better within ($200 \pm 150^{\circ}\text{C}$) temperature range.

	<p>11. Supply voltage (DC) - The sensor operates with a DC supply voltage of 4.5 – 5 V</p> <p>12. Output impedance - The output impedance of the sensor is 100 Ω</p> <p>13. Connector - The sensor has an 8-pin connector with an M10x1 thread.</p>
Location:-	Engine Test Lab, Mechanical Department
Quotation Submission Date@ Time:-	25/03/2025 @ 3.00pm
Quotation Submission Place:-	Mechanical office, Department of Mechanical Engineering, COEP Technological University, Wellesley Road, Shivajinagar, Pune-411005
Quotation Submission 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 90days.
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 pressure sensor with amplifier for Single Cylinder IC Engine, Enquiry Number, Enquiry date and Enquiry due date
6. addressed to The Head, Department of Mechanical Engineering, COEP Technological University Pune-411 005.
7. 100% payment will be paid after satisfactory delivery, installation and commissioning/work.
8. Please specify the make and model of the item.
9. Quotation(s) received after last date of Quotation submission will be rejected.
10. Delivery/Work Period and Terms Conditions should be mentioned clearly.
11. Delivery/Work: The penalty conditions are applicable for the late delivery as per Government norms.
 - a) at the rate of 0.5 % per week; 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.

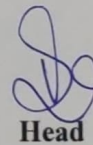
All following documents/certificates should be provided / attached at the time quotation submission.

- 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.

 18.3.25
Head

Department of Mechanical Engineering
COEP Technological University
HEAD

Department of Mechanical Engineering
COEP Technological University, Pune-35