



# 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

I- 02025507009/7900 Fax- 02025507099 Email- hod.mech@coeptech.ac.in Website- www.coeptechac.in

### 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 **Programmable Manifold Liquid Injection ECU**.

the Programmable Manifold Liquid Injection ECU.																							
Enquiry Number:-	COEPTU/Mech/Enq/ Programmable Manifold Liquid Injection ECU/2025-26/1354																						
Enquiry Date:-	11/08/2025																						
Description & Qty:-	<div>1) Programmable Manifold Liquid Injection ECU</div> <table><tr><td>ECU processor</td><td>Infineon</td></tr><tr><td>Operating Voltage</td><td>12 V</td></tr><tr><td>Input Voltage (limits)</td><td>11 – 16 V</td></tr><tr><td>Minimum number of solenoid injectors that can be controlled for Peak up and hold Signal</td><td>2</td></tr><tr><td>Injector</td><td>Saturated</td></tr><tr><td>Booster supply</td><td>14 V</td></tr><tr><td>Current</td><td>2 A</td></tr><tr><td>Analog Input Pins</td><td>12</td></tr><tr><td>Analog Output Pins</td><td>5</td></tr><tr><td>Digital Input Pins</td><td>5</td></tr><tr><td>Digital Output Pins</td><td>5</td></tr></table>	ECU processor	Infineon	Operating Voltage	12 V	Input Voltage (limits)	11 – 16 V	Minimum number of solenoid injectors that can be controlled for Peak up and hold Signal	2	Injector	Saturated	Booster supply	14 V	Current	2 A	Analog Input Pins	12	Analog Output Pins	5	Digital Input Pins	5	Digital Output Pins	5
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	<b>2) Trigger Wheels</b>								
	<table><tr><td>Crankshaft position</td><td>Crank trigger wheel</td></tr><tr><td>Camshaft position</td><td>Cam trigger wheel</td></tr></table>	Crankshaft position	Crank trigger wheel	Camshaft position	Cam trigger wheel				
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	<b>3) Crank Position Sensor</b>								
	<table><tr><td>Type</td><td>Variable reluctance sensor</td></tr><tr><td>Voltage</td><td>AC 0 – 50 Volts</td></tr><tr><td>Material</td><td>Plastic</td></tr><tr><td>Diameter</td><td>20mm</td></tr></table>	Type	Variable reluctance sensor	Voltage	AC 0 – 50 Volts	Material	Plastic	Diameter	20mm
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<b>4) Cam Position Sensor</b>									
<table><tr><td>Type</td><td>Hall effect sensor</td></tr><tr><td>Voltage</td><td>DC 0 – 5 Volts</td></tr><tr><td>Material</td><td>Plastic</td></tr><tr><td>Diameter</td><td>20mm</td></tr></table>	Type	Hall effect sensor	Voltage	DC 0 – 5 Volts	Material	Plastic	Diameter	20mm	
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<b>6) Fuel System</b>									
<table><tr><td>Fuel Pump</td><td>3 Bar</td></tr><tr><td>Fuel Filter</td><td>Bosch</td></tr></table>	Fuel Pump	3 Bar	Fuel Filter	Bosch					
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Location:-	Mechanical Department								
Quotation Submission Date@ Time:-	Up to 20/08/2025 till 3 p.m.								
Quotation Submission Place:-	Inward/ Outward Section, Establishment Department, 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 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, Programmable Manifold Liquid Injection ECU., 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.
12. 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
13. Optional items should be quoted in separate sheet otherwise your quote will be rejected
14. 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.
15. 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