College of Engineering, Pune - 411 005

Quotation for

Supply of Gasoline Direct Injection Fuel System with open ECU

Ref: COEP/Mech/IC Engine lab/2018/539
Date: 6th August 2018

Cost of Quotation: Rs.500/-

COLLEGE OF ENGINEERING, PUNE
SHIVAJINAGAR, PUNE-411005
Ph: 020-25507223 Fax: 020-25507299

Tender No: COEP/Mech /I C Engine lab/2018/539
Date: 6th August 2018
Last date: 20st August 2018 on/before 04:00 PM

SUB: Invitation of sealed quotation for supply of gasoline direct injection fuel system with open ECU in Mechanical Engineering Department

College of Engineering, Pune invites sealed quotation for supply of gasoline direct injection fuel system with open ECU Mechanical Engineering Department. Please refer to the following details for submission of your quotation.

List of Components/Items

Sr. No.	Component	Quantity
1	Crankshaft position sensor	1
2	Camshaft position sensor	1
3	MAF Sensor	1
4	Rail pressure sensor	1
5	T Map sensor	1
6	Petrol solenoid injector	1
7	K line	1
8	Mass air flow	1
9	Software	1
10	High pump	1
11	Fuel Filter	1
12	Pre-supply Fuel Pump	1
13	Fuel Rail	1
14	Engine Control Unit	1
15	Connecting pipes	As per number of connections
16	Injector	1
17	Motor	1

Open ECU capabilities:

- Set idle Speed - (The user can set the required idle speed of the engine)
- Closed loop control for idling - (ECU controls the injection until engine idle)
- Start injection angle for homogeneous operation-(The user can set the start of injection angle as desired)
- End injection angle for stratified operation-(The user can set the end of injection angle)
- Start angle for spark ignition-(The user can set the spark timing)
- Injection Duration - (The user can set the Injection duration in terms of crank angle/ms as desired)
- Open loop rail pressure - (This is an special feature in which an user can set the Injection Pressure in terms Bar, variable from 20 to 120 bar)
- Calibration charts are provided for Injection Quantity at various pressure

Terms and Conditions:

1. Fax and Email quotation are not acceptable.
2. Quotations should be valid for 60 days from the tender due date. The quotation should clearly indicate the period of delivery, warranty terms etc.
4. All duties, taxes and other levies payable by the bidder needs to be included in the total price, and break up needs to be indicated
5. The last date of submission of the detailed quotation is **20th August 2018 till 16.00 Hrs.**
6. The quotations will be opened at **17.00** Hrs. on **20th August 2018** in the office of the HOD, Mechanical Engineering Department, and College of Engineering Pune.
7. Further details of this quotation and the relevant information are available in the office at Mechanical Engineering Department, College of Engineering Pune. For any query please contact Prof. Nandgaonkar M.R, 9850174795.
8. **Delivery**: The system should be delivered in mechanical department within the period of 3 months from the date of issue of purchase order.
9. **Penalty:** If the suppliers fails to deliver and place any or all the Equipment or perform the service by the specified date, penalty at the rate of 1% per week of the total order value subject to the maximum of 10% of total order value will be deducted.

Yours Sincerely,

Head, Mechanical Engineering Department College of Engineering Pune