

Indian Institute of Technology, Delhi
Centre for Energy Studies

NOTICE: INVITING QUOTATION

Date: 10.01.2013

Due date: 25.01.13

Sealed quotations are invited for an item “**Automotive Common Rail Direct Injection Diesel Engine**”. The quotations for the item should be submitted in a sealed cover (separate bids: technical and commercial) to Dr. K. A. Subramanian, Assistant Professor, Room No. 414, Block V, Centre for Energy Studies, Indian Institute of Technology Delhi, Hauz Khas, New Delhi-110016 on or before **25.01.2013 (Friday)**. The late submission will not be entertained.

The detailed specifications of the item are given below.

S.No.	Parameter	Description
1	Engine capacity (Swept volume)	1200 CC – 1300 CC
2	Rated power output range	70 – 80 bhp
3	Rated speed range	4000 - 5000 rpm
4	Rated torque range	180 – 200 N-m
5	Number of cylinders	4
7	Compression ratio	17:1 to 18:1
8	Fuel option	Diesel
9	Fuel injection system	Common Rail Direct injection (CRDI)
10	Emission norms	Euro IV compliance
11	Aspiration type (Air intake)	Turbo charging
12	Necessary accessories	i. Speedo Meter Assembly ii. Fuel Pump Assembly iii. Air Cleaner Assembly iv. Catalytic Convertor with Immobilizer v. Fuse Box Assembly vi. Immobilizer Assembly(Mobility) vii. Engine Mounting

		viii. Controller Assembly Engine (ECU) ix. Accelerator Pedal Assembly x. Harness Assembly Main xi. Harness Assembly Engine xii. Harness Assembly Dash Board xiii. Radiator Assembly xiv. Fan motor Assembly
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Note: The above mentioned item is used for academic research purpose only.

Terms and conditions covering submission of quotations

1. Please submit the TECHNICAL and FINANCIAL bids in two separate sealed envelopes. Mark clearly as “Technical Bid” and “Financial Bid” on the respective envelopes. Both the sealed envelopes should be sent in a single sealed envelope, with clearly marked as “Quotation for “**Automotive Common Rail Direct Injection Diesel Engine**”. The quote should reach the following address on or before **25.01.2013(5:30 PM)**.

Name: Dr. K. A. Subramanian

Address: Room No. 414, Block V, Centre for Energy Studies,

Indian Institute of Technology Delhi, Hauz Khas, New Delhi-110016

2. Please quote prices of imported items preferably at FOB (Freight on Board) IIT Delhi inclusive of all taxes, freight, delivery, installation and onsite training charges. The quotation should provide the total price of the system including all taxes and transportation charges.
3. Quote should be in Indian Rupees as well as US Dollars and to be valid for at least three months.
4. The engine assembly (brand new) comprising of all components must be supplied by one supplier only. The complete set of the engine which is assembled by the original engine manufacturer should be supplied by the authorized distributor/dealer of the manufacturer. The engine parts assembled by other than the engine manufacturer will not be considered for purchase process in IIT Delhi.
5. Attach all the technical literature/ manual and a list of similar installations done in India.
6. Company authorized distributorship/dealership certificate should be provided.

7. Warranty: 1 Year standard warranty.
8. If the quote is being submitted by the representative of the principals/manufactures themselves, a valid Agency ship/Dealership Certificate authorizing the agent to quote to IIT Delhi on behalf of the Principals should be enclosed.
9. Complete set of manuals for the operation and servicing of equipment should be given. All circuit diagrams, other mechanical and electrical schematics must be provided to main unit, sub systems and accessories.
10. Spare set: A complete set of necessary spares and consumables should be supplied for at least three years of trouble free operation.
11. Clearly specify the installation requirement such as space, power, frequency, environment (Temperature and humidity), etc.
12. If the items quoted are proprietary in nature, please enclose proprietary certificate from the principals stating “certified that _____ is a proprietary item of M/s. _____ and no other manufacture make these items”.
13. If the bidder is Indian agent, the agency certificate should be enclosed.
14. Please produce compliance certificate for the specification.
15. Delivery period: Within 1 month from the issue of supply order.
16. Authority of IIT Delhi reserves the right to reject any or all quotations without assigning any reasons.
17. Validity of quotations: Quotations will be considered valid for 3 months from the date of receipt unless otherwise stated.
18. Correspondence: No correspondence regarding acceptance or rejection of a quotation will be entertained.
19. Samples: Samples when asked for will invariably be made available and sent along with the quotations.
20. Method of submission: Quotations should be sent in a sealed cover, indicating of OUR N.I.Q. REFERENCE NUMBER AND DUE DATE FOR OPENING as otherwise these will not be considered.

The envelope must contain two SEPARATE bids:

- (i) Commercial bid
- (ii) Technical bid

21. Rejection: The quotation not conforming to the set procedures mentioned above will be rejected.
22. Discount/Rebates: Special discount/rebate wherever admissible keeping in view that the items are being supplied to an Educational Institution of National importance may be indicated.
23. Excise duty (ED) exemption certificate will be provided by IIT Delhi.

Prof.T.S.Bhatti
Chairman

Prof. M.G.Dastidar
Member

Dr. K.A. Subramanian
Member

Dr.Ashu Verma
Member