

Department of Electrical Engineering
Jan 16 2016

Notice inviting quotations

Quotations are hereby invited from vendors for the supply of the following products:

S.no	Item	Expected Max Order Qty																														
1	Engine Fuel Injection Test Bench consisting of:	1																														
	<table border="1"> <thead> <tr> <th>S. No.</th> <th>Components</th> <th>Specification</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Crank Position Sensor</td> <td>Hall effect sensor</td> </tr> <tr> <td>2.</td> <td>Cam Position Sensor</td> <td>Hall effect sensor</td> </tr> <tr> <td>3.</td> <td>TPS with throttle body</td> <td>10- Bit ADC, 0 – 5 V Voltage</td> </tr> <tr> <td>4.</td> <td>Engine Coolant Temperature Sensor</td> <td>10- Bit ADC, 0 – 5 V Voltage</td> </tr> <tr> <td>5.</td> <td>TMAP Sensor</td> <td>10- Bit ADC, 0 – 5 V Voltage</td> </tr> <tr> <td>6.</td> <td>CAM tooth gear</td> <td>Mild steel, ID 8mm</td> </tr> <tr> <td>7.</td> <td>Crank tooth gear</td> <td>Mild steel, ID 8mm</td> </tr> <tr> <td>8.</td> <td>Ignition coil with spark plug</td> <td>0-12 Volts input voltage, secondary output 25000 Volts approx.</td> </tr> <tr> <td>9.</td> <td>Motor</td> <td>Variable speed motor, 2000-4000 RPM</td> </tr> </tbody> </table>	S. No.	Components	Specification	1.	Crank Position Sensor	Hall effect sensor	2.	Cam Position Sensor	Hall effect sensor	3.	TPS with throttle body	10- Bit ADC, 0 – 5 V Voltage	4.	Engine Coolant Temperature Sensor	10- Bit ADC, 0 – 5 V Voltage	5.	TMAP Sensor	10- Bit ADC, 0 – 5 V Voltage	6.	CAM tooth gear	Mild steel, ID 8mm	7.	Crank tooth gear	Mild steel, ID 8mm	8.	Ignition coil with spark plug	0-12 Volts input voltage, secondary output 25000 Volts approx.	9.	Motor	Variable speed motor, 2000-4000 RPM	
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	(*) Clarifications may be sought during working hours (0900-1730) by calling (011)26591088 Prof. Subrat Kar																															

Note:

- All vendors may please submit the quote within **07 days** of the public display of this Notice Inviting Quotations (quotes may be signed, scanned and sent by email only if they are proprietary products costing less than Rs.1 lakh)

Quotations can be posted to:

Prof. Subrat Kar
[Attn: S.D.Bishwas/ 011-26596250]
Block 2,Room No-320, Embedded System Lab,
IIT Delhi, Hauz Khas, New Delhi 110016
India

- The following documents should be enclosed with the quotation:

- Suppliers should be either manufacturer or

authorized dealer of the said equipment **and, in the case of import orders, should submit the proof for the same (Enlistment Certificate with the Department of Expenditure, Ministry of Finance, GoI**

– see <http://dgsnd.gov.in>).

Also, the suppliers should state whether they are a Proprietary Firm, Partnership Firm or a Private/Public Limited Company and furnish the proof for the same.

- The names of the organizations and Department to which similar equipment have supplied.
- VAT Registration No. & TIN
- Technical specifications offered by the Supplier.
- Technical compliance table
- Proprietary certificate, if any : where the products are proprietary and quoted by the Principals /Manufacturers, a Proprietary Certificate must be attached (on the letterhead of the Principals / Manufacturers)in the format given at <http://web.iitd.ac.in/~subrat/ProprietaryCertificate.doc>
- IIT Delhi is exempted from paying Excise Duty and necessary Excise Duty Exemption Certificate will be provided for which following information are required.
 - Quotation with details of Basic Price, Rate & Amount on which ED is applicable.
- Delivery period: within 1 month from the issue of supply order.
- Warranty: at least 3 years onsite warranty should be provided.
- The quotations must have validity of at least three months.
- All quotes should be in the two-envelop bid system. The supplier shall submit the tender(quote) in two envelopes.

The first envelope (Technical Bid) shall contain all the documents referred to in Item 2 **above** and be sealed. The second envelope (Commercial Bid) shall contain the **Schedule**, in which the supplier shall register the cost / rates of supply. The second envelope shall also, likewise, be sealed.

Both the envelopes then should be put together, and be sealed in an envelope. The Technical Bid shall be opened first to ensure that supplier have submitted all the requisite documents. If the Technical Bids are not in order or are deficient in some respect, the commercial bids in respect of such tenders shall not be opened. The date and time of opening the financial/commercial bids shall be decided after opening all the Technical bids.

- Quotations sent by mail should be superscribed as "**Quotation for EFI Test Bench/ Subrat Kar: <Vendor Name>**" - emailed quotes must have this in the Subject line
- Quoted prices must be INR only

For quotes in Foreign Currencies, the following terms

especially apply:

1. All Bank Charges payable in India are to Buyer's (opener's) Account and bank charges's in seller's country are to seller's (beneficiary's) account.
 2. All bank charges outside India including confirmation charges if any have to be borne by beneficiary (applicable for International firms)
6. **Delivery schedule must be stated explicitly.**
7. IIT Delhi reserves the right to make any changes in the purchase requirements / quantities.
8. Costs are to be quoted FOB (Freight-On-Board) and CIF(Cost-Insured-Freight), New Delhi. Please quote prices of imported items 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.
- The freight payment and customs clearance will be done by IIT Delhi through its Authorized Customs handling Agent.
- (<http://www.prakashfrt.com/contact.html>) M/s PRAKASH FREIGHT MOVERS LTD. HEAD OFFICE - DELHI, C-130, First Floor, Naraina Industrial Area, Phase - 1, New Delhi - 110 028 Phones : +(91)-(11)-42228222 (20Lines), 011-25897161-7166 Fax : +(91)-(11)-25897167
- IIT Delhi has its own clearing agent to clear the consignment from New Delhi customs at special prices. These special customs duties are levied only on those items which are imported against a Purchase Order from HT Delhi. **They do not apply to items in bonded warehouses or to "high-seas" sales.**
9. In case IIT Delhi is imposed with demurrage charge due to import on CIF, the entire demurrage charge has to be borne by the Indian Agent of foreign supplier.
10. IIT Delhi is exempted from paying custom duty (partially or fully) and necessary "Custom Duty Exemption Certificate" can be issued after providing following information.
- a. Shipping details i.e. Master Airway Bill No. and House Airway No. (if exists)
 - b. Forwarder details i.e. Name, Contact No., etc.
- Custom Duty Exemption Certificate will be issued to the shipment in the name of the Institute and Bills of Entry should be submitted to IIT Delhi later on.
11. The **typical mode of payment is 100% against invoice after complete delivery**. Part delivery and part / phased payments are not admissible.
12. Any other terms of payment need special clearance and may incur additional delays. For payments in foreign currencies:
1. **For large payments in foreign currencies**, payments can be made by Irrevocable L/C.
 2. **For small value purchases in foreign currencies**, payments can be made

1. Wire Transfer (please state Wire Transfer charges if any along with Bank details)
2. by US Dollar Draft payable **to the foreign firm.**

Advance Dollar Draft : If this payment is to be received by their Indian agents, a letter of authority must be obtained from the foreign principals authorizing the India agent to receive the payment on their behalf. Payments; are sent by registered courier (Speed Post within India) within a week of satisfactory delivery and submission of invoice.

3. For any other mode of receiving payment, special clearances and letters of authority will have to be submitted:

13. **If the items quoted for are proprietary in nature, please include a proprietary certificate stating that "The items quoted for are proprietary in nature and are manufactured solely by <...>".**
14. If the quote is being submitted by the representative of the Principals / manufacturers themselves, a valid Agencyship / Dealership certificate authorizing the agent to quote to IIT Delhi on behalf of the principals should be enclosed.

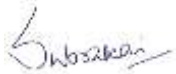
IMPORTANT ! A copy of the order enlisting the Indian Agent with the Department of Expenditure, Ministry of Finance, Govt of India should be enclosed – this is a mandatory requirement to prevent audit objections by Government Auditors.

Please see DGS&D website <http://dgsnd.gov.in> for rules regarding Compulsory Enlistment of Indian Agent of Foreign Suppliers.

15. If the order is to be placed on any entity other than the authorized agent or their principals, the necessary certificate of authority clarifying the relationship of the third party with the principals and/or the agents should be provided.
16. Three years comprehensive warranty be provided and AMC price beyond 3 years should be mentioned separately.
Payment Options (any one to be chosen by the Department/ center)
Letter of Credit: 90% payment against shipping documents & balance 10% after satisfactory installation. For large purchase i.e. costing over Rs. 1 crore, 100% payment be made through LC.
Sight Draft: Payment against documents through bank.
Against Delivery: Payment by wire transfer after receipt of material.
Advance payment: pre-payment by wire transfer (for orders less than Rs. 5 lakh)
17. IIT Delhi reserves the right to accept / reject any or / all quotations without assigning any reason. The products will be used for educational purposes. Any applicable

academic institution discounts should be offered and stated clearly.

18. Please clearly mention terms for comprehensive warranty / training / installation etc.



Chairman, Purchase Committee

Name: Prof. Subrat Kar

Date: Jan 16 2016

Place: IIT Delhi, New Delhi, India