Department of Mechanical Engineering  
Indian Institute of Technology Delhi  

Notice Inviting Quotations  

July 1st, 2013  

Subject: Purchase of Servo Motor, Drive and Accessories.  

Interested parties are requested to submit quotation for the following item in sealed envelopes to the undersigned in Block-II, Room-420 or M.E office latest by 5 PM on 14th July, 2013.

A. Servo Motor and Drive with the following specifications
   - Motor driver should be able to receive commands directly through PC through Application Programming Interface (API)
   - API should be compatible with Microsoft .net interface (preferably C#)
   - Communication mode: Ethernet
   - Should enable motor control to switch from Position to Torque mode and back on demand.

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Current/Voltage Limitations</th>
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<tbody>
<tr>
<td>Servo Motor</td>
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<tr>
<td>Minimum Peak Torque: 1 Nm</td>
<td>Max. Nominal Current: 5A</td>
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<tr>
<td>No load Speed: 1000 rpm @24/48V DC</td>
<td>Max. Peak Current: 15 A</td>
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<tr>
<td>With resolver (20 bit) and Brake</td>
<td>Supply: 24/48V</td>
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<tr>
<td>Gear Reduction</td>
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<tr>
<td>Single stage Gear Ratio 10:1</td>
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Any additional accessories necessary to run the motor through PC at its full capacity (Ethernet Link, Motor, brake and resolver cables, Power Supply, Software etc.)

B. Terms and Conditions
   - Technical and financial bids should be in two separate envelopes. Clearly mentioned “Technical” and “Financial” on the cover of the envelopes. Put both envelops in a bigger sealed envelope.
   - For imported items quotations may be provided in
     (i) Indian Rupees(INR) and
     (ii) Foreign currency at F.O.B rates
   - Payment will be made after successful installation.
   - The validity of the quotation should be at least six months.
   - The prices should be quoted CIF IIT Delhi.
   - Delivery schedule should be mentioned, not exceeding 12 weeks after the receipt of order for IIT Delhi.
   - Warranty should be of one and half year or above from the date of successful installation.
   - Any other terms must be clearly mentioned.

Prof. Sudipto Mukherjee

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