Notice Inviting Quotation

Quotations are invited for the fabrication of Slash and Thrust Resistance Equipment for the Department of Textile Technology. Interested suppliers are required to submit their quotations as per the specifications given below. The sealed Quotations are to be submitted in two Separate envelopes;

A - for Technical Quote (Specifications) &
B - for Financial Quote.
(For details, see Annexure I)

Both these envelopes should be enclosed in an outer envelope, which should also be sealed and addressed to, clearly mentioning on top right corner of the envelope “Quotations for Slash and Thrust Resistance Equipment”

Dr. Apurba Das
Associate Professor
Room No. TX-215
Department of Textile Technology
IIT, Hauz Khas, New Delhi 110016

The quotations should reach the above office by 5.00PM on 08/08/2012. If needed, the suppliers may be asked to make a technical presentation before the committee. Institute reserves the right to accept or reject any of the offers without assigning any reasons.

Specifications

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Items</th>
<th>Requirement</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>Load Cell</td>
<td>500 N with an accuracy of less than ±0.5% of the capacity of the load cell and resolution of less than 1/32,000 of the total capacity of the load cell.</td>
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<tr>
<td>2</td>
<td>Knife blade</td>
<td>Stanley® knife blade model 1992</td>
</tr>
<tr>
<td>3</td>
<td>Fabric holder assembly</td>
<td>The Maximum fabric specimen size: 500mm x 300mm, Swing for fabric holder bed: ±30° with respect to horizontal plane. Provision to place the backing materials needs to be provided.</td>
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<tr>
<td>4</td>
<td>Knife Thrust mechanism</td>
<td>Cam based / Lever based mechanism with displacement for thrust in the range 20-50mm.</td>
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<tr>
<td>5</td>
<td>Pendulum arrangement</td>
<td>Pendulum length of 0.6 m with provision for linear movement to exert thrust at a selected angle of pendulum movement. Provision to add dead weights to the pendulum arm needs to be there.</td>
</tr>
<tr>
<td>6</td>
<td>Data Acquisition system</td>
<td>Data acquisition system including DAQ card, online plotting and software</td>
</tr>
<tr>
<td>7</td>
<td>Software</td>
<td>Customized software for complete automatic testing and analysis of results.</td>
</tr>
<tr>
<td>8</td>
<td>Computer</td>
<td>High end computer for data analysis, display and storage of data.</td>
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Annexure I

Envelope A: Technical Quote: The following details are to be enclosed (Mention clearly on this envelope – Technical Quote)

1. Technical brochures mentioning all details with complete address of the principals.
2. A compliance chart based on the specifications as per the NIQ.
3. Any optional equipment / accessory / spares advised to be included separately.
4. Installation requirements including gases and chillers, UPS, etc.
5. List and addresses of organizations where the equipment has been supplied in last 3 years in India.
6. Details of other equipment supplied to IIT Delhi specifying the Department/ centre / lab to which the equipment was supplied. Also mention if the equipment is being maintained by your organization.
7. Address of the technical office, in India, with telephone and FAX numbers. Kindly clarify the type of support available in India.
8. If quote is for imported equipment supplied through Indian Agent, Sole Agency-ship certificate on the letterhead of the principal company, if quotation is from an Indian Agent.
9. Proprietary Item Certificate from the principals, if applicable.

Envelope B: Financial Quote: The following details are to be enclosed/ ensured. (Mention clearly on this envelope – Financial Quote)

1. The quotations for the equipment in foreign exchange, if it is to be imported. The cost of spares and optional equipment/accessories to be quoted separately. The cost should be based on CIF, New Delhi. If equipment is indigenous, the quote should be in INR and all taxes applicable should be mentioned clearly.
2. Institute makes payment after delivery and successful installation. In case the payment terms are different, it should be mentioned clearly. If equipment is to be imported, the address of the company in whose name the LC is to be opened should be stated.
3. The comprehensive Warranty period.
4. The details of the AMC after the warranty period.
5. Cost for Installation and training at site, if applicable.
6. Validity of the quote should be minimum 90 days.
7. The delivery period to be clearly specified.