Sh. R K Rajawat  
Head APPD  
Phone (O) : 91-22-25593785  
Telefax : 91-22-2550 5151

Ref. No.: BARC/APPD/EBC/VS/2019/ 825  
Date: 24/10/19

Subject: Invitation of quotation for “Fabrication stepper motor controller, control cards PCB, panel covers, test jigs as per site requirement”.

Kindly refer to the subject mentioned above. On behalf of President of India, you are invited to quote for carrying out “Control console with data logger facility”.

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Description of the work</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Fabrication of PLC based stepper motor controller with 2P method, development of customized PCBs, fabrication of cable cover, control panel cover as per site requirement, cable test jigs etc and their installation at site. Given in Annexure-1</td>
<td>1 set</td>
</tr>
</tbody>
</table>

Terms and conditions

1. The supplier should quote for fabrication of the items, including the cost of the materials.

2. The material may be inspected before the start of the fabrication.

3. The quotations should have the minimum validity period of two month.

4. Taxes and Excise duties shall be quoted separately. Form AF shall be provided where necessary. Please mention PAN and VAT number in quotation.

5. Supplier should submit their offers in their letterhead, placed in sealed envelope super scribed with the above mentioned Reference No., due date and Title  

   on or before 9/11/19 by registered post / speed post through Indian Postal Services  

   (before 15:00 hours). The quotation should contain the following details like (i) Period of validity, (ii) terms and conditions of offer, (iii) Approximate period of completion of job, (iv) Copies of registration and income tax clearance certificates (v) PAN, GST and registration no.
6. The address on the envelope must read:

“Quotations for “Fabrication stepper motor controller, control cards PCB, panel covers, test jigs as per site requirement”

(Attn: “Vijay Sharma”) addressed to
“Head APPD,
Electron Beam Center, Sector 7,
CBD Belapur, Navi Mumbai-400614”

7. The fabrication of the item shall be subjected to inspection by our Scientists / Engineers at the supplier’s works. Necessary inspection facilities should be provided to them during fabrication at the supplier’s premises. The purchaser has the right to make the minor modifications in the design and drawings. Additional charges will not be admissible for such minor modifications, if any. The item should be delivered to us at Electron Beam Centre, Kharghar, Navi Mumbai after approval by our Scientists / Engineers.

8. Please note that shorter delivery period will be preferred. For any clarifications you may contact, Vijay Sharma, APPD, BARC on Tel. 27524570, Fax. 91-22-27524551.

9. Payment will be made only after delivery and installation of the item to the above-mentioned address and approval by our Scientists / Engineers as per BARC rules.

10. Head APPD, BARC, reserves the right to accept / reject any or all quotations without assigning any reason

Approved by

[Signature]

AD BTDG, BARC

AAR. KE. RAJAWAT/R.K. RAJAWAT
Associate Director

Beam Technology Development Group/Government of India

Encl:
1. Annexure –I (specifications of work)

CC: A.A.O., Works Section,
Central Complex, BARC.
**Annexure-I**

Specification and quantity of the items to be delivered is as follows.

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Item description</th>
<th>quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Fabrication and site installation of MS powder coated panel for covering the existing Signal interface panel cables. The cover need to be fitted to the existing interface panel. The panel is MS made, height approx. 1800Cm, width approx. 2000Cm</td>
<td>1No</td>
</tr>
<tr>
<td>2</td>
<td>Assembly and testing of PLC model TM200CE24R based 2Pulse method controlled, stepper motor unit mounted in 3U along with 4Port Ethernet switch and HMI panel model STO531 HMI, 3U rack mountable configuration. Drawing, plc, hmi program backup is required</td>
<td>2nos</td>
</tr>
<tr>
<td>3</td>
<td>supply of 16 Pin male allied connector with cable support model MS3101R-24-5-P and their assembly at site in the cable available at site for customized length</td>
<td>40Nos</td>
</tr>
<tr>
<td>4</td>
<td>Development and supply of test jig for 16Pin male to Male cable connected cable model no MS3101R-24-5-P at both ends mounted in suitable metal box unit, The unit will have inbuilt continuity tester.</td>
<td>1 Nos</td>
</tr>
<tr>
<td>5</td>
<td>PCB design, development, fabrication, component assembly and testing of double layer PCB on site. Details of circuit schematic will be provided.</td>
<td>3sets</td>
</tr>
</tbody>
</table>