Subject: Invitation of Quotation for “Fabrication, testing and supply of High voltage connectors”

Kindly refer to the subject mentioned above. On behalf of President of India, you are invited to quote for carrying out “Fabrication, testing and supply of High voltage connectors”

<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, testing and supply of High voltage connectors</td>
<td>15 pairs</td>
</tr>
<tr>
<td></td>
<td>mentioned in Annexure-1</td>
<td></td>
</tr>
</tbody>
</table>

Terms and conditions

1. The supplier should quote for fabrication of the items, including delivery costs.

2. The quotations should have the minimum validity period of two months.

3. GST will be paid as per applicable rate.

4. Supplier should submit their offers in their letterhead, placed in sealed envelope super scribed with the above mentioned Reference No., date and Title “Quotations for Fabrication, testing and supply of High voltage connectors” Kind attention: “Shri Vivek yadav”, addressed to “AD BTDG, Electron Beam Center, Sector 7, CBD Belapur, Navi Mumbai-400614”, on or before 05/11/2019 (before 18:00 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, VAT and registration no.

5. 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, Rain tree marg, Sector 7, CBD Belapur, Navi Mumbai after approval by our Scientists / Engineers.
6. Please note that shorter delivery period will be preferred. For any clarifications you may contact, Vivek Yadav, APPD, BARC on Tel. 27524566, Fax. 91-22-27524551.

7. 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.

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

Approved by

( R K Rajawal)
Head APPD & AD, BTDG, BARC

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

CC: A.A.O., Works Section,
Central Complex, BARC.
Specifications of for High voltage connectors (Panel and cable mount)

Quantity: 15 no. Panel mount connector and 15 no. cable mount connector

1. Maximum operating voltage: 10kV maximum
2. Output current: 1A maximum
3. Isolation between central conductor body: 15kV maximum
4. Mounting arrangement: The panel mount connector should be mountable on 18mm ±1mm hole. A nut should be provided for holding the connector firmly on panel.
5. Size constraint: length : <6cm, diameter <2.5cm
6. Dielectric: PEEK polymer or equivalent for ionizing radiation environment
7. Cable size: Cable mount connector should be suitable for HV cable, Model: 130660, Make: LEMO or equivalent. It should be suitable for cable of diameter 5-10mm.
8. Drawing approval: Vendor should submit drawing of offered connectors for approval. The vendor should also offer a sample connector for testing. Vendor should only fabricate the connector only after approval of drawing and sample connector.
9. Acceptance tests:
   a) HV test: Isolation test between central conductor and body will be done at 15kV for 1 minute.
   b) Physical examination: Physical examination of the connector will be done for surface finish, dimension and material.

Prepared by

Vivek Yadav

SO/F, APPD, BARC