Ref: EmA&ID/RKB/2020/ 105122 Date: 22-10-2020

Sub: Fabrication and assembly of Rhenium hollow tube cavity ion source

Dear Sir/Madam,

1. Quotations are invited for the above said specifications listed in the Annexure A1 confirming to scope, drawings and technical specifications.
2. Bidder shall quote for deliverables as per technical specifications.
3. Free Issue material is not involved.
4. Taxes and Excise Duties shall be quoted separately. Form AF / H whichever is applicable shall be provided, if required.
5. The quotation must reach The Head, Electromagnetic Application & Instrumentation Division by 10/11/2020 (Noon) and must be sent in a sealed envelope super scribed with the reference number & the due date given above. Courier are not allowed in BARC premises, the quotation shall be sent by speed post/registered post.
6. The address on the envelop should read:
   The Head,
   Electromagnetic Application & Instrumentation Division
   Physics Group
   BARC, Trombay,
   Mumbai - 400 085.
   (Kind Attn: R.K.BHATIA, SO/G, AMSS/EmA&ID)
7. The bidder shall complete the job within 12 weeks from the date of firm work order issued to the bidder. The finished components shall be delivered by the bidder at EmA&ID, BARC, Trombay, Mumbai - 400 085.
8. Head, EmA&ID reserves the rights to accept/reject any or all quotations without assigning any reason.
9. Delivery charges if any must be clearly mentioned in the offer. Quotation must also indicate the validity of offer. Quotation must also indicate the GST no and PAN no of the party.
10. Drawings/Sketches must be returned along with the offer.
11. The quotation has to be signed by authorized person with company seal.
12. Payment will be made only after satisfactory completion of work on production of bill, delivery challan and advance stamped receipt.
13. The technical specifications with drawings for components given in annexure A1 will be made available only on request. The interested vendors may contact: R.K.BHATIA, SO/G, AMSS/EmA&ID (Email ID: raj@barc.gov.in, Telephone No: 022 2559 2395/2409) for technical specifications. While making such a request, vendor should mention its capabilities required for this fabrication with address, PAN number and GST number. The vendor should also give undertaking that the technical specifications provided for this tender will not be shared with any party or person in hard or soft copy without the written consent of the purchaser. The specifications will be sent only through email. (Vendor shall send the attached annexure A1 while requesting the technical specifications). Specifications will be sent within 24 hours of receiving the request.

R.K.BHATIA
SO/G, AMSS/EmA&ID
BARC
**Annexure – A1**

Ref: EmA&ID/RKB/2020/105122  
dt 22/10/2020

Fabrication and assembly of Rhenium hollow tube cavity ion source consisting of components given below. With technical specifications of the components as per drawings cavity/rkb/201020 (to be provided on request by the bidder).

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Components details</th>
<th>Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Rhenium hollow tube (3mm OD x 1 mm ID x 30 mm length)</td>
<td>5 nos.</td>
</tr>
<tr>
<td>2</td>
<td>Rhenium hollow tube (3mm OD x 1.5 mm ID x 30 mm length)</td>
<td>5 nos.</td>
</tr>
<tr>
<td>3</td>
<td>Molybdenum cylindrical shield, OD 23 mm, ID 20 mm, length 35 mm</td>
<td>1 no.</td>
</tr>
<tr>
<td>4</td>
<td>Molybdenum sample sleeve, OD 5mm, ID 3 mm, length 15 mm</td>
<td>1 no.</td>
</tr>
<tr>
<td>5</td>
<td>Molybdenum sample holder, OD 3mm, ID 2 mm, length 7 mm</td>
<td>1 no.</td>
</tr>
<tr>
<td>5</td>
<td>Ceramic (MACOR) base plate, 40mm(L) x 40 mm(W) x 5 mm thick</td>
<td>1 no.</td>
</tr>
<tr>
<td>6</td>
<td>SS 304 plate, 50mm (L) x 40mm (W) x 5 mm (thick)</td>
<td>1 no.</td>
</tr>
</tbody>
</table>

R.K.BHATIA  
SO/G, AMSS/EmA&ID  
(Indentor)