Subject: Inviting quotations for fabrication, supply, testing and warranty of three numbers of SS321 microwave cavities operating in X-band frequency.

Dear Sir,

You are requested to quote for fabrication, supply, testing and warranty of three numbers of SS321 microwave cavities operating in X-band frequency as per table below and attached drawings and fabrication procedure.

<table>
<thead>
<tr>
<th>S. no.</th>
<th>Items</th>
<th>Quantity</th>
<th>Material</th>
<th>Dimensional Accuracy</th>
<th>Surface Finish</th>
<th>Weld Position</th>
<th>Delivery</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Microwave cavity-1 with dimensions as given in drawing-1.</td>
<td>1</td>
<td>SS321</td>
<td>As per IT5 (±6 μm)</td>
<td>400 nm (Lapping)</td>
<td>At shown location only</td>
<td>Within 45 days from the final work order.</td>
</tr>
<tr>
<td>2.</td>
<td>Microwave cavity-2 with dimensions as given in drawing-2.</td>
<td>1</td>
<td>SS321</td>
<td>As per IT5 (±6 μm)</td>
<td>400 nm (Lapping)</td>
<td>At shown location only</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>Microwave cavity-3 with dimensions as given in drawing-3.</td>
<td>1</td>
<td>SS321</td>
<td>As per IT5 (±6 μm)</td>
<td>400 nm (Lapping)</td>
<td>At shown location only</td>
<td></td>
</tr>
</tbody>
</table>

Terms & Conditions:

1) For any clarifications the supplier can contact Mr. Romesh Chandra, SO/D, APPD or Sandeep K Singh, SO/F on any working day (Monday to Friday) on telephone Nos. 25590172 or email: romesh@barc.gov.in or sandeeps@barc.gov.in.

2) Supplier should maintain the desired accuracies, precautions, finishes and material quality, failing to which will result in rejection of the job. Suppliers should read the fabrication procedure and drawings attached thoroughly before submitting quotation.

3) Fabricators should have prior experience in making such cavities and should attach the documentary proof of the same.

4) The supplier will have to supply the one part of the item mentioned at Sr. no 1 within 2 weeks of quotation opening for vendor evaluation. Then only work order will be given to supplier and if the supplier fails to supply within two weeks, the quotation will be outrightly rejected hence the supplier are advised to provide their correct email ids.

5) Since the job mentioned above requires to be made on CNC completely, hence the parties having their own CNC machines will only be considered.

6) Payment for the above work will be made after satisfactory completion of job and on production of bill & advanced stamped receipt along with the copy of registration. No advance payment will be made for this work since ours is a Government organization. Income-tax @2% & GST TDS @2 % will be deducted from the bill and a TDS (tax deducted at source) certificate will be issued as per Income-tax rules.

Suppliers should submit their offers along with the following information.

(a) period of validity, terms & conditions of the offer, (b) Approximate period of completion of the task and (c) copy of the registration and income-tax clearance certificate, (d) your agreement with condition mentioned at Sr. no. 3. (e) your correct and working email ids for communication.

Additional Information:

Your sealed quotation (in your letter head) including all details, like taxes to be paid, transport charges etc., duly indicating our reference number mentioned, due date of quotations and our reference no. on the envelop, may be sent to “APPD, Engg. Hall No.4, Trombay, MUMBAI-400085”, on or before, 16th November 2020. It is requested that the tender must be sent by Speed-post only.

The quotations received after the due date & by FAX/email/courier will not be considered.

Yours faithfully,

(Romesh Chandra)
SO-D, APPD, BARC

Copy to: A.P.O., GSS Section, Central Complex, BARC.
Annexure-1
Fabrication Procedure for Microwave Cavities

Microwave Cavities Fabrication Procedure:

(1). The supplier /fabricator must have prior experience in making such kind of structures and jobs and documentary proof for the same should be attached.

(2). To maintain the desired accuracy it is desired to make the structure from single block of SS321. A certification conforming the material grade is required.

(3). No welding except mentioned location in drawing is permissible as it will hamper the structure performance as well as power handling capacity.

(4). After machining the job must be subjected to surface finish by lapping to the desired limit of 400 nm maintaining the dimensional accuracy.
Drawing 2
Material: SS321
Quantity: 01
Number Last flange on the right
Last sample needed as a sample

Remesh Cnosta