Government of India
Bhabha Atomic Research Centre
Precision Engineering Division

Ref: ChTG/CSDD/4(1)/SG/2019/833

23.10.2019

Sub: Invitation of quotation for Supply of
‘Silica optical Fiber Patch cord (operating temperature 180°C)’

Dear Sir,

1. Quotations are invited for minor fabrication jobs as per the enclosed Annexure-1.

2. Bidder shall quote for fabrication of these items. Also mention PAN & GST registration numbers.

3. Taxes and excise duties should be quoted separately. Form "H" will be provided wherever necessary.

4. The Quotation must reach Head Control System Development Division by 04/11/2019 by 17:00 hrs and must be sent by speed post only (No private Courier or Hand Delivery) in the sealed envelope super scribed with the above reference number and the due date given above. Also the name of the work should be displayed on the envelope.

5. The address on the envelope should read:

   Attn: Shrinkhla Ghildiyal,
   Scientific Officer-F
   Control System Development Division
   Chemical Technology Group, CEL-V
   Bhabha Atomic Research Centre,
   Mumbai - 400 085

6. The bidder shall have to take an insurance policy against any material issued to him by the purchaser.

7. The Fabrication / Repair work shall be subjected to inspection by our Engineer.

8. The bidder shall deliver finished components/equipments after approval of our Engineer within 10 Weeks from the date the firm purchase order is placed with the bidder. The finished components/equipments and the scrap from free issue material shall be delivered by the bidder at CEL-V, PED. Bhabha Atomic Research Centre, Trombay, Mumbai-400 085.

9. Head, CSDD, BARC reserves the right to accept or reject any or all the quotations without assigning any reason.

(Shrinkhla Ghildiyal)
SO-F, CSDD
BARC, Trombay
Tel: 022 2559 1763
Annexure-1

TECHNICAL SPECIFICATION AND GENERAL TERMS AND CONDITIONS

A: Job Title: Minor Fabrication invitation of quotation for Supply of “Silica optical Fiber Patch cord (operating temperature 180°C)”

B. Job description: Manufacturing of below given components:

<table>
<thead>
<tr>
<th>S.No</th>
<th>Items description</th>
<th>Qty (Nos)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Optical Fiber Patch cord with maximum operating temperature 180°C</td>
<td>20</td>
</tr>
<tr>
<td>2</td>
<td>Fiber Optic Adaptor (SMA905 female to SMA905 female)</td>
<td>20</td>
</tr>
<tr>
<td>3</td>
<td>Fiber Optic Adaptor SMA905 (Female) to FC/PC (Female) adaptor</td>
<td>10</td>
</tr>
</tbody>
</table>

C. Scope of Work:

Silica optical Fiber Patch cord with maximum operating temperature 180°C

- Fiber Cable Core/Clad: 50μm/ 125μm
- NA: 0.22 ± 0.02
- Coating: Polymide or equivalent (Should be able to withstand required temperature range)
- Standard Power Single Fiber Assembly
- Connectors: SMA 905 Connectors with metal ferrule on both side of the cable (mention whether boot is available or not)
- Entire Patch cord including end connector must have maximum operating temperature: 180°C
- Transmission spectral range: 400nm to 1100nm
- Fiber Type: Hydroguide (Low OH), Step index Multimode,
- Pure Fused Silica Core / Fluorine Doped Silica Clad
- Diameter and material of jacket, tubing and anything else used in fiber packaging has to be mentioned.
- Assembly Length: 2 meter
- Manufacturing of SMA 905 to SMA 905 standard adaptor
- Manufacturing of SMA 905 to FC/PC standard adaptor

D. Technical Notes

E. Free issue materials: NO FIM. All the materials shall be procured by the vendor, so there is no need to give FIM Certificate.

F. Completion period: 10 weeks from the date of receipt of work order.
G. Charges: Contractor shall quote lump sum as well as the breakup of price for the execution of the complete job. The price quoted shall remain valid at least for three months time from the date of offer.

H. Terms of payments:

1) No advance payment shall be made.
2) Full payments shall be made only after completion of the job.
3) Payment shall be made through cheque, in favour of the contractor and Accounts Officer, BARC, shall issue the same.
4) The fabricator shall have to submit in advance duly signed and stamped receipt along with the bills, for the immediate payment.
5) Please quote the PAN & GST registration number
6) In case of any query, please contact at 022-2559 1763 or mail at shrig@barc.gov.in