Government Of India
Bhabha Atomic Research Centre
Analytical Chemistry Division
Trombay, Mumbai

Tender No: BARC/ACD/KCT/2019/ OPA - 172313

Date: 12/09/2019

Due Date: September 23, 2019 at 03:30 pm

Sub: Invitation to submit your quotation

On behalf of President of India, Head, ACD, Bhabha Atomic Research Centre invites quotation in sealed envelope for the work given below:

Brief Description of item being purchased:

➢ Supply of MEMS based Infrared Radiation Source with Silicon window as per detailed specifications given in Annexure-I.

The sealed quotations printed on the letter head should reach the following address on or before September 23, 2019 by Speed post or Registered post only. The envelope should be clearly marked with Tender Number and Due date on it. The quotations will be opened on the same day at 03:30 pm at Analytical Chemistry Division.

Head,
Analytical Chemistry Division,
BARC, Trombay,
Mumbai - 400085.

Kind Attn: K.C.Thomas

The terms and conditions are given below:

1. Terms of submission: Quotations should be sent via Registered Post/ Speed Post in a sealed envelope superscripting ‘Tender No. and Due date’. The quotation should include CST No./VAT No./PAN No./ Registration etc. of the firm.

2. Taxes:

   i) Specify clearly the taxes chargeable.
   ii) Excise & Octroi exemption certificate will be provided wherever applicable.

Please note that: ‘Since the goods are to be supplied against the work order meant for research purpose of a research organization under DAE, the necessary GST will be
exempted to the party.' & certificate to the effect will be provided immediately after the release of PO

3. **Payment:** No advance payment is admissible. 100% payment including taxes after receipt of the unit at our site, successful commissioning and submission of the following documents:
   a. Advance Stamped Receipt.
   b. Original Bill.
   c. Delivery Challan

4. **Warranty:** 12 months from the date of completion.

5. **Validity, Delivery and Installation:** Offer should be valid for 90 days and delivery and installation should be carried out by supplier at ACD, BARC, MUMBAI at suppliers cost.

6. **Vendor requirements:** Vendor should provide manufacturers original data sheet and product should be of proven quality and meeting international standards.

The supplier shall follow below mentioned Confidentiality Clauses.

1. No party shall disclose any information to any third party concerning the matters under the contract generally. In particular, any information identified as "Proprietary" in nature by the disclosing party and shall not be disclosed to any 3rd party without the prior written consent of the original disclosing party.

2. "Restricted information" categories under section 18 of the Atomic Energy Act, 1962 and "Official secrets" under section 5 of the official secrets Act, 1923. Any contravention of the above-mentioned provisions by any contractor, sub-contractor, consultant, advisor or the employees of a contractor will invite penal consequences under aforesaid legislation.

3. Prohibition against use of BARC's name without permission for publicity purposes. The contractor, sub-contractor, consultant, advisor or the employees engaged by the contractor shall not use BARC's name for any publicity purpose through any public media like press, radio, T.V. or internet without prior written approval of BARC

K.C. Thomas, SQ/G
ACD/ BARC
For & on behalf of President Of India
Annexure – I

<table>
<thead>
<tr>
<th>SI No.</th>
<th>Item description</th>
<th>Qty (Nos)</th>
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<tbody>
<tr>
<td>1</td>
<td>MEMS based Infrared Radiation Source with following specifications:</td>
<td>20</td>
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<tr>
<td></td>
<td>• Spectral output range: 1-20 µm,</td>
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<tr>
<td></td>
<td>• Active area: 2.2.x2.2mm²,</td>
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<tr>
<td></td>
<td>• Krypton filled with Silicon window,</td>
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<tr>
<td></td>
<td>• Nominal Power consumption: 0.7W,</td>
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<td></td>
<td>• Housing: TO39,</td>
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<tr>
<td></td>
<td>• High membrane temperature up to 850° C,</td>
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<tr>
<td></td>
<td>• High radiation output Active area temperature up to 850° C,</td>
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<td></td>
<td>• High modulation frequency up to 100Hz.</td>
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<tr>
<td></td>
<td>• Estimated lifetime: &gt; 100,000 h</td>
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