GOVERNMENT OF INDIA
Bhabha Atomic Research Centre
Uranium Extraction Division

Ref: UED/Pl.13/19/202783 31/10/2019

Tender No.: BARC/UED/SG/19142
Due Date: 11/11/2019

Sub: Fabrication of graphite crucibles

Sealed quotations are invited for and on behalf of the President of India for the work as described below. Super scribed “Fabrication of graphite crucibles”, Due Date and Tender No., Party’s Name & Address and Kind Attention “Kum. Sonal Gupta, SO/C, UED” on top of the envelope, Sealed offers should reach the undersigned on or before DUE DATE: 11/11/2019, TIME: 1600 HRS. Offers must be sent by INDIA POST only.

The scope of work, quantity and technical specifications are as given below:

**Technical Specification**

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Description</th>
<th>Material</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Graphite crucible of overall dimensions 50 mm X 120 mm</td>
<td>Graphite, GLM-50 grade</td>
<td>20</td>
</tr>
<tr>
<td>2.</td>
<td>Graphite crucible of overall dimensions 50 mm X 80 mm</td>
<td>Graphite, GLM-50 grade</td>
<td>10</td>
</tr>
<tr>
<td>3.</td>
<td>Graphite crucible of overall dimensions 74 mm X 120 mm</td>
<td>Graphite, GLM-50 grade</td>
<td>10</td>
</tr>
<tr>
<td>4.</td>
<td>Graphite crucible of overall dimensions 74 mm X 131 mm</td>
<td>Graphite, GLM-50 grade</td>
<td>20</td>
</tr>
<tr>
<td>5.</td>
<td>Graphite crucible of overall dimensions 74 mm x 103.5 mm</td>
<td>Graphite, GLM-50 grade</td>
<td>20</td>
</tr>
<tr>
<td>6.</td>
<td>Graphite crucible of overall dimensions 120 X 160 mm without lid, bottom pouring</td>
<td>Isostatic graphite of density 1.82 to 1.85 gm/cc</td>
<td>5</td>
</tr>
<tr>
<td>7.</td>
<td>Graphite crucible of overall dimensions 120 X 160 mm with lid, bottom pouring</td>
<td>Isostatic graphite of density 1.82 to 1.85 gm/cc</td>
<td>5</td>
</tr>
<tr>
<td>8.</td>
<td>Stopper rod/ Plug rod of overall dimensions 19</td>
<td>Isostatic graphite of density</td>
<td>10</td>
</tr>
<tr>
<td>9</td>
<td>mm X 280 mm</td>
<td>1.82 to 1.85 gm/cc</td>
<td></td>
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<td>---</td>
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<td></td>
</tr>
<tr>
<td>Graphite crucible of overall dimensions 120 mm X 160 mm</td>
<td>Isostatic graphite of density 1.82 to 1.85 gm/cc</td>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

Note: 1. Detailed dimensions as per drawing no. BARC/UED/SG/GC in Annexure-A.

2. All the above graphite crucibles should have smooth surface finish.

**Supplier’s scope:** All the materials to be used for complete system are in supplier’s scope. Supplier should be ready to accommodate minor modifications. Party is free to ask any technical detail, if required, for this system.

**Confidentiality Clause:**

1. **Confidentiality:** No party shall disclose any information to any third party concerning the matters under this contract generally. In particular, any information identified as “Proprietary” in nature by the disclosing party shall be kept strictly confidential by the receiving party and shall not be disclosed to any other third party without the prior 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 the 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 media like press, radio, TV or internet without prior written approval of BARC.

**INSPECTION AND TESTING:** The supplier should be ready to carry out any minor modifications, if required, after inspection at no extra cost. The supplier shall dispatch the equipment only after obtaining clearance from the purchaser. However, the purchaser’s inspection and certification does not absolve the supplier of his responsibilities towards the satisfactory operation and the guarantee/warranty of the items mentioned in Annexure-A. The purchaser’s representative should be given full access to the shop in which the equipment is being manufactured or tested, if required by the purchaser, at any time during fabrication till dispatch. The purchaser should be notified well in advance of the fabrication and major tests for the purpose of general inspection and witnessing the tests, if required by the purchaser. The supplier shall check the dimensions with the approved drawing. The test certificate duly signed and sealed by the supplier must be send along with the dispatched material and documents.

**Supply of Items from BARC:** No items shall be supplied by BARC and the sole responsibility of procurement of the items rests on the contractor.
**PRICE:** Offered cost shall be valid for the entire scope of work (materials, fabrication, supply, Installation, taxes, packing & forwarding, transportation etc). Maximum possible break-up price should be given in the offer.

**VALIDITY:** Offer should be firm and valid for next three months

**TAX:** As applicable shall be indicated clearly and separately.

**EXCISE & OCTROI DUTY:** Excise and Octroi duty exemption certificate for the work will be provided by BARC on request, which shall be clearly indicated in the offer.

**GUARANTEE:** To give guarantee for material and workmanship for at least one year.

**COMPLETION PERIOD:** 8 weeks from the date of the releasing the work order. The work completion schedule should be strictly adhered with. Any delay which is attributable to the contractor is liable for penalty @ 0.5% per week (max 5 %) on total work order value. In case extension in work completion period is required, request for it with proper and valid justification is to be sent to us positively before the expiry of work completion period.

**INCOME TAX:** Income Tax @2% and surcharge, cess on tax as applicable shall be deducted from vendor’s bill.

**PAYMENT:** No advance payment will be made. Full payment will be made by ECS on satisfactory completion of the works. Income tax @ 2% will be deducted at source.

100% payment including taxes will be made after delivery of material and completion of work and submission of following documents: (a) Delivery Challan (b) Original bill (c) Advance stamped receipt (d) Guarantee Certificate (e) ECS Mandate form (f) GST Undertaking

**OTHER CONDITIONS:**

1. The party should mention their PAN Number, GSTIN number and HSN code while submitting the quotation. Failing of the same their quotation will become liable to be rejected.
2. Quotation should be sent by registered/SPEED post only in sealed envelope addressed to **Head, Uranium Extraction Division, BARC, Trombay, Mumbai 400085.**
3. All quotations should be superscripted with (i) the subject, (ii) Tender no., (iii) due date on the top of the envelope.

(Sonal Gupta)
SO/C, Extn No. 24122/24866
(for & on behalf of The President of India)
Annexure -A

Item Number 1.      Qty: 20 Nos.

Item Number 2.      Qty: 10 Nos.

Item Number 3.      Qty: 10 Nos.

Slight taper (towards the bottom portion to facilitate easy removal of stuff) is desirable.
Item Number 4. Qty: 20 Nos.

Item Number 5. Qty: 20 Nos.
Item Number 6.

Qty: 5 nos.

Ø120 CRU. O.D.

10

Ø100 CRU. I.D.

10

Ø 96 I.D.

Ø8

12

15

2.7

15°

13.5

15

26

134

160
Item Number 7. (With lid)  

Qty: 5 nos.
Item Number 8.

Qty: 10 nos.

Stopper Rod / Plug Rod.
Item Number 9.Qty: 10 nos.

- **Material of Construction for Item no. 1 to 5:** Graphite, GLM-50 grade
- **Material of Construction for Item no. 6 to 9:** Isostatic graphite of density 1.82 to 1.85 gm/cc should be used.
- All the above graphite crucibles should have smooth surface finish.
- All the dimensions are in mm. Drawing is not as per scale.