

दूरभाष :
TELEPHONE :
तार : बार्क-मुंबई, चेम्बूर.
TELEGRAMS : BARC-MUMBAI, CHEMBUR.
टेलिक्स : ०११-६१०१७/०११-६१०२२ बार्क इन
TELEX : 011-61017/011-61022 BARC IN
फेक्स संख्या : ९१-२२-५५६०७५०
FAX NUMBER : 91-22-5560750



भारत सरकार

GOVERNMENT OF INDIA

भाषा परमाणु अनुसंधान केन्द्र

BHABHA ATOMIC RESEARCH CENTRE

Desalination & Membrane Technology Division

ट्रॉम्बे,
मुंबई-४०० ०८५.
TROMBAY,
MUMBAI-400 085.

VIJAY MAMTANI
Scientific Officer/ E
E-mail: vmamtani@barc.gov.in
Tel.: 022 25594639

Ref: **BARC/DMTD/VM/F&R-2/I/21235/2022/P-42682**

Date: 04/05/2022

Due Date: 18/05/2022

Time: 16:00 hrs.

Sub: Invitation to submit your quotation

On behalf of the President of India, **Head, Desalination & Membrane Technology Division**, Bhabha Atomic Research Centre invites Two Part quotation in sealed envelope for the work given below as per Qualification Criterion given in Annexure – 1 and the technical specifications given in Annexure-2 (see clause-2).

Name of Job: Fabrication, safe delivery, installation & commissioning of 'Melt Casting/Spinning Machine assembly'

Brief Description of Job:

Fabrication, safe delivery, installation & commissioning of 'Melt Casting/Spinning Machine assembly comprising of Single Screw Lab Extruder (30 mm) suitable for preparing polymer-based membranes (3 kg/hr) with cooling and winding system' along with residual necessary detailing & component level fabrication drawings as per Annexure -2 (see clause-2).

Completion Period: **4 months from the date of issue of work order**

The terms and conditions are given below:

1. Qualifying Criteria for Bidders & Bid evaluation criteria:

- 1.1. Firms willing to bid for above mentioned job shall be vetted by Security Section of BARC.
- 1.2. Qualification criterion for bidder is attached in Annexure-1. The vendor must satisfy the criterion and submit the duly signed and stamped format of Qualification Criterion along

with the quotation along with relevant supporting documents. Bidders not fulfilling the Qualification Criterion shall not be considered for bid evaluation.

1.3. Bid will be evaluated based on overall cost.

1.4. Work order will be awarded to technically suitable lowest bidder

2. Interested bidders shall contact the undersigned via email (vmamtani@barc.gov.in) with above mentioned details for getting the Detailed Tender Specification.

3. The Bid should be in **two-part Tender**; Part - I: Techno commercial i.e technical details along with commercial terms and conditions and Qualification Criterion, Part-II: Price Bid. Each bid should be sealed and enclosed in the separate envelope – Main Bid Envelope (Envelope 1). Sealed Main Bid Envelope then shall be sent to this office.

i. **Envelope 1** is the Main Bid Envelope. It shall be superscripted with ‘**Fabrication, safe delivery, installation & commissioning of Melt Casting/Spinning Machine assembly**’ and the **Tender Enquiry Ref. No.** mentioned above along with **Due Date**.

ii. **Envelope 2** should be superscripted a ‘**Techno Commercial Bid**’ for ‘**Fabrication, safe delivery, installation & commissioning of Melt Casting/Spinning Machine assembly**’ and the **Tender Enquiry Ref. No.** mentioned above along with **Due Date**. It shall contain **Earnest Money Deposit (EMD)**, Qualification Criterion as per Annexure -1 duly signed and stamped along with Technical document – agreeing to technical specification/indicating deviation from specification, commercial terms and conditions such as GST no., GST % (not the amount), validity of offer, completion period, any other terms & condition. It should not contain Price Bid/Quotation.

Earnest Money Deposit (EMD): A EMD of ₹ 59,320/- (Rupees Fifty-nine thousand three hundred and twenty only) is to be submitted along with the Techno Commercial bid in the form Demand Draft / Banker’s cheque drawn on a Nationalized Bank or of a Scheduled bank, in favour of “Pay and Accounts Officer, BARC”, payable at Mumbai. Cash and Cheque for EMD will not be accepted. Tenders not accompanied with EMD are liable for rejection.

iii. **Envelope 3** should be superscripted as ‘**Price Bid**’ and shall contain Price Bid/Quotation incorporating all the costs. Bidder is requested to quote for the above job on lumpsum basis with mention of applicable taxes. Quotation price format will be as below

i.	Basic lumpsum cost	₹
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ii.	Concessional GST @ 5% on i	₹
iii.	Subtotal I (i + ii)	₹
iv.	Packing & Forwarding Cost / transporting Cost	₹
v.	Installation & Commissioning Cost	₹
vi.	GST @ 18% on (iv +v)	₹
vii.	Sub Total II (iv. + v.+ vi.)	₹
viii.	Total Cost (iii. + vii.)	₹

iv. Printed Letter Head: Both Techno Commercial Bid and Price Bid should be printed on the letter head; computer generated quotation is not valid.

Note:

- Envelope 2 & 3 should be enclosed in the Envelope 1.
 - Bid shall be not be considered for evaluation if the Price Bid/Quotation is found in Main Bid Envelope i.e Envelope 1 (in the open condition) or in the Technical Bid Envelope or if the price/cost is mentioned in the document other than the Price Bid document.
 - Part I bid (Techno commercial bid) of all the suitable bidders will be opened first and technical evaluation will be done. Part -II Bid (Price Bid) shall be opened only for those bids which are found technically suitable based on the evaluation of Part I bid.
4. **Validity of the Offer:** Validity of the offer shall be **90 days** from date of opening of quotation.
 5. **Offer of Firm:** Offer of those bidders, who do not submit their quotation as per the details given in the technical specification and incomplete quotations in any respect shall not be considered.
 6. **GST/PAN Number:** Quotation must contain the GST and PAN number of the firm.
 7. **Guarantee/Warrantee:** Bidder shall have to give guarantee/warrantee of the quality and workmanship of work done for the period of 12 months from the date of completion of the work which includes **installation and commissioning of the Melt Casting/Spinning Machine Assembly** at Departmental site.
 8. If any of the employee, consultant or partner of the bidder's company is an Ex-BARC employee, the same must be stated in the quotation clearly.

9. The complete quotation shall reach the following address on or before **due date (18/05/2022)**, by **only Indian Postal Service**.

**Head, Desalination & Membrane Technology Division,
Bhabha Atomic Research Centre
Trombay, Mumbai - 400 085
Attention: Vijay Mamtani (SO/E), DMTD
Tel: 25594639**

10. The department reserves right to extend the date of opening the quotations.
11. **Free Issue Material:** No free issue material is involved in this job
12. **Transportation, Unloading, Installation and Commissioning**
The **Melt Casting/Spinning Machine Assembly** duly inspected and cleared by departmental representative is to be supplied to BARC in safe condition. Packing and forwarding is part of the contract.
13. **Place of Delivery:** Safe transportation, unloading of material and lifting through the stair case are included in the scope of work. Place of delivery is Room-15, Old Training School, DMTD, South Site via DDZ Zonal Stores, Trombay, Mumbai – 400 085.
14. **Safety Rule:** The contractor shall follow all the safety procedures as per the normal industrial practice during the execution of the job at site. Any mishap occurring during the work due to unsafe workmanship shall be the contractor's liability. No claim for worker's / contractor's personnel's injury shall be entertained by the Department. Security and transportation rules at BARC premises shall be strictly followed.
15. **Job Completion period (Delivery Schedule):** The **Melt Casting/Spinning Machine assembly** duly inspected and tested is to be supplied and installed **within 4 months** from the date of firm work order. In case any extension in delivery period for this job is required, the vendor shall submit the request for the extension well before expiry of work order. Any delay which is attributable to contractor is liable for penalty @0.5% per week (max. 10%) to be imposed on the contractor.
16. The execution of the work is to be carried out to the satisfaction of our Engineers.
17. **Payment Terms:** Accounts Division, BARC, Mumbai-400085 shall make full and final payment only after submission of the satisfactory work completion certificate & site clearance certificate issued by the Department (BARC), bill, advanced stamped receipt, delivery challan and guarantee certificate. No advance is admissible.

18. **GSTN Invoice:** GST shall be paid only in case of registered supplier clearly indicating their GSTN on the invoice. Invoice raised by registered supplier of taxable goods/services should specifically indicate, along with other details
- a. GSTN
 - b. PAN
 - c. Location of supply
 - d. Tax component to be separately indicated in the invoice
 - e. An undertaking shall be submitted by the registered supplier that the GST has been promptly deposited with the authorities (as per the format given in Annexure 3; see clause 2)
19. **Income Tax Recovery Clause:** Income tax @ 2% will be deducted from the bill. GST TDS as applicable will be deducted.
20. **Concessional GST:** 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 and a certificate to avail concessional GST @5% will be provided by the Department (BARC). This shall be applicable for fabrication job of Melt Casting/Spinning Machine assembly and shall not be applicable for Packing/Forwarding /Transportation/ Installation/ Commissioning/any other cost.
21. **Penalty:** Any delay, which is attributable to the contractor, is liable for penalty @ 0.5% per week (max.10%) and shall be imposed on contractor.
22. The contractor should ensure that the scrap generated at the work place during the course of the work should be disposed off properly. The job completion certificate will be issued only after clearing of all such materials from the work premises.
23. Housekeeping at the work place during the course of the work is the sole responsibility of the contractor.
24. **Mode of payment:** Payment will be released through ECS, the party has to fill the ECS/RTG form and submit with the delivery challan and Bill/Tax Invoice.
25. **Confidential Clauses:**
- i. Confidentiality: No party shall disclose any information to any third-party concerning 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 shall not be disclosed to any third party without the prior written consent of the original disclosing party. This clause shall apply to the sub-contractors, consultants, advisors, or the employees engaged by a party with equal force.

ii. “Restricted information” categories under Section 18 of the Atomic Energy Act, 1962 and “Official secrets” under section 5 of the Official Secret Act, 1923: Any contravention of the above-mentioned provisions by any contractor, sub-contractor, consultant, advisor or the employee of a contractor will invite Penal consequences under the aforesaid legislation.

iii. Prohibition against use of BARC’s name without permission for any publicity purpose: The contractor or 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, TV or internet, without the prior written approval of BARC.

26. Security Rules:

- a) Police verification certificates are required for supervisors and laborers deployed at the site.
- b) Security rules and transport rules at BARC, Trombay premises shall be strictly followed.
- c) Laborers below 18 years of age shall be not allowed to work at site.

Thanking you,

Yours faithfully,

**Vijay Mamtani,
SO/E, DMTD, BARC**

Qualification Criterion for Bidder

To be submitted in the Part I Bid (Techno Commercial Bid)

1.	Qualification criteria:	Response
i.	Has bidder executed similar nature * of at least one job during the last seven years ending on 31-03-2022? Please provide detail for the same with respect to Type of job, order no., Name of the purchaser.	Yes/No Details:

Bid will be considered as ‘technically suitable’ upon fulfilling all the above criteria.

*** Similar nature job includes, any one or more of the following:**

- Fabrication of membrane preparation system (machine based)-
 - Flat sheet (minimum casting rate: 1m/min)

OR

- Flat sheet (minimum coating rate: 0.3 m/min)

OR

- Capillary/ Hollow fibre (minimum extrusion rate: 1 kg/hr)

OR

- Fabrication of polymer extruding system (minimum extrusion rate: 1kg/hr)

(Bidder’s Signature & Stamp)