



सत्यमेव जयते  
भारत सरकार

विवेक मिश्रा  
Vivek Mishra  
वैज्ञानिक अधिकारी  
Scientific Officer  
Fuel Assembly Section

GOVERNMENT OF INDIA  
भाभा परमाणु अनुसंधान केंद्र  
BHABHA ATOMIC RESEARCH CENTRE  
परमाणु ईंधन प्रभाग  
ATOMIC FUELS DIVISION

ट्रॉम्बे, मुंबई, 400 085  
Trombay, Mumbai-400 085  
E-mail: [mivivek@barc.gov.in](mailto:mivivek@barc.gov.in)  
Telephone: (022) 25594962

Ref: AFD/FAS/2022/47297

July 26, 2022

**Change in technical and commercial terms and condition in tender**

**Tender No: AFD/FAS/22/47098**

**Subject: Amendment in technical and commercial terms and condition in tender**

Dear Sir/madam,

This is to inform that amendment in technical and commercial terms and condition is being carried out against said tender. All bidders are requested to consider revised enquiry as final one and participate in the bid.

For any other query, the party may contact Shri Vivek Mishra, SO/D, FAS, AFD at Tel. No. 022-2559-4962 or Shri Amit Sharma, Head, FAS, AFD at Tel. No. 022-2559-4637.

**Attachment- Enquiry letter (AFD/FAS/22/47098)**

Thanking you,

(Vivek Mishra)  
SO/D, FAS, AFD

(Amit Sharma)  
Head, FAS, AFD

Approved by:

(S. K. Jha)  
Head, AFD, BARC



सत्यमेव जयते  
भारत सरकार

GOVERNMENT OF INDIA  
भाभा परमाणु अनुसंधान केंद्र  
BHABHA ATOMIC RESEARCH CENTRE  
परमाणु ईंधन प्रभाग  
ATOMIC FUELS DIVISION

विवेक मिश्रा  
Vivek Mishra  
वैज्ञानिक अधिकारी  
Scientific Officer

Fuel Assembly Section  
ट्रॉम्बे, मुंबई, 400 085  
Trombay, Mumbai-400 085  
E-mail: mivivek@barc.gov.in  
Telephone: (022) 25594962

Ref: AFD/FAS/22/ 47098

July 25 2022

**Sub: Miscellaneous works at AFD/BARC related to onsite machining of SS, graphite and Aluminium components**

Sir/ Madam,

Sealed quotation is invited for and on behalf of the President of India for following jobs at AFD, BARC as per the scope of work, terms and conditions given below:

1. This tender will be processed in **Two-Part Bid System**.
2. The tender submitted should have two separately sealed envelopes viz.
  - 2.1 First Envelope shall contain **Technical Bid (Part-A)**. Technical Bid (Part-A) must be written on the Envelope.
  - 2.2 Second Envelope shall contain **Commercial Bid (Part-B)**. Commercial Bid (Part-B) must be written on the Envelope.
3. The sealed Technical Bid (Part-A) shall contain Technical details of the offer and compliance with respect to our technical requirement, clearly mentioning deviations, if any.
4. The sealed Commercial Bid (Part-B) shall contain the detailed quotation including basic cost, applicable taxes and commercial terms and conditions.
5. **Sealed envelopes of the Technical Bid (Part-A) and the Commercial Bid (Part-B) shall be kept in a Single Sealed Cover/Envelope, which shall be treated as your offer against our enquiry.**
6. Offers received as (i) Technical and Commercial part in one bid, or (ii) Technical and Commercial bids in single envelope or (iii) unsealed bids will be treated as **Invalid** and no further communication will be made to the vendor.



## **A. Scope of Work:**

### **1. SS bar turning**

SS bar turning as per drawing. Total quantity shall be 2640 nos., @ 220 nos. rods/month. Each rod will be inspected by inspection team. Rejection should not exceed 5% per month.

### **2. SS bar threading**

Threading of SS bar shall be carried out as per drawing. Total quantity shall be 2640 nos., @ 220 rods/month. Rejection should not exceed 5% per month.

### **3. Graphite rod drilling and turning**

Graphite rod drilling and turning as per drawing. Total quantity shall be 48 nos., 4 rods/month. Rejection should not exceed total 2 nos..

### **4. Machining of Aluminium, MS & SS components**

Machining of Aluminium, MS & SS components as per drawing. Total quantity shall be 300 nos, @ 25 components/month. Rejection should not exceed 4% per month.

The above work shall be performed as per the SOP (Standard Operating Procedure) given by department on following units.

1. Bar turning machine
2. Bar threading machine
3. Lathe machine
4. Drilling machine
5. Draw bench

## **B. Technical Terms and Conditions:**

1. **All the works shall be carried out at AFD, BARC, Trombay, Mumbai.** The work will be subjected to inspection by the departmental personnel.
2. **All material, equipment and tooling will be supplied by AFD, BARC.**
3. The required manpower for above mentioned works shall be arranged by the vendor.
4. At least 4 skilled (turner having minimum four years of working experience in any Engineering workshop) persons shall be available on the site to carry out the work on the regular basis except Saturday, Sunday and national holidays for a period of **12 months** from the date of commencement of work order.
5. The vendor shall submit the copy of ITI / Equivalent certificate for the skilled personnel. In absence of copy of required certificate, the personnel will not be allowed to work at site.
6. A trade test for skilled and an interview for all the personnel coming for work will be performed. Only after satisfactory performance in test and interview, the personnel will be allowed to work at the site.



7. The personnel shall undergo detailed training in radiation protection including emergency procedures applicable to the plant. They will be adequately trained so that they are fully familiar with the procedures and work methods of the plant.
8. The literacy level of workers should be such that they should be able to read, write and absorb the training imparted to them and understand radiation safety.
9. The demands of work require the person to be able to lift loads up to 25 kg. Valid medical fitness certificates of all personnel shall be produced after placement of work order/ contract document as per prescribed format. The fitness certificates shall be obtained from Medical Practitioner registered with Indian Medical Council.
10. Prescribed Personnel Radiation Monitoring devices will be issued to the personnel carrying out work at the plant. The vendor shall ensure that his personnel use these devices as prescribed.
11. All personnel will be required to report to Health Physicist, AFD, before commencement of work and after completion of work every day.
12. During the execution of work, all safety instructions are to be followed. This work includes working in an area with possible radioactive contamination, hence the vendor should strictly ensure that the personnel carrying out work shall wear all necessary personnel protective equipment as prescribed. The Supervisor shall be present at site during the work. The supervisor shall be experienced enough for safety (fire & personal) to oversee the site activities. BARC will not be responsible for any injury or accident taking place on site. Any loss or damage to property, machine, equipment, tools will be recovered from the vendor.
13. Proportionate amount shall be deducted from vendor's bill for non-completed portion of work due to the non-availability of vendor's personnel at AFD during contract period.
14. Vendor shall provide a suitable replacement in case of unsatisfactory performance/ behavior or irregular attendance for any of their personnel.
15. Personal protective gears such as boiler suits, hand gloves and respirator (if required for occupational hazard) will be provided by us.
16. Personal protective gears such as safety shoes suitable for Mechanical workshop, socks, undergarments, Face cover/mask and soap shall be provided by the vendor. No personnel will be allowed to work without safety gear.
17. Personnel working at site should carry out cleaning of site and its surrounding at regular intervals, maintain safe and hygienic work environment.
18. Vendor should have previous experience of similar type of work and shall have to produce documentary evidences of the same for site visit clearance. The vendor shall have to submit the documents of relevant experience along with site visit request through email latest by 29/07/2022. The site visit will only be cleared after



verifying the credentials of the vendor. Quotations submitted without documentary evidences of experience and site visit will not be considered.

**C. General Terms & Condition: -**

1. Quotations are to be printed on letter head.
2. Lump sum amount shall be quoted for completion of work mentioned in the enquiry.  
**Quotations received on per person basis or individual work basis will not be considered.**
3. **Offer evaluation procedure:** - Only Valid Technical bids will be opened first and evaluated. Commercial bids of only technically qualified vendors' will be opened and the lowest quoted offer shall be recommended for placing the work order
4. Validity of offer (min 90 days) and work completion period shall be clearly mentioned in the offer letter
5. In case of award of work order, the vendor shall give his acceptance through email or letter within 15 days from the date of issue of work order.
6. The vendor shall deploy the required manpower at AFD, BARC within 3 weeks after issue of work order. Work order will be communicated to the vendor through email also,
7. Work order will be cancelled, if the vendor fails to deploy the required manpower within 1 month from the date of issue of work order or within 15 days of start of contract period, whichever is later. Further the vendor will not be permitted to bid against future tender enquiries raised by AFD, BARC.
8. Vendor working inside BARC is subjected to security clearance by BARC security, before or during the period of contract.
9. Income tax @2%, GST TDS and surcharge as applicable will be deducted from the bill of vendor.
10. The vendor shall clearly indicate following in the quotation.
  - Lump sum Price
  - Taxes & duties applicable, if any
  - PAN No., GST Registration No.
11. Payment will be arranged only after satisfactory completion of work at AFD and on submission of following documents,
  - a) Bills/Invoice in triplicate
  - b) Advanced stamped receipt in favor of Accounts officer BARC.
  - c) GST Undertaking
  - d) ECS form dully filled
  - e) Declaration confirming filling of ITR from immediate preceding two years.Advance or Part Payment will not be made.
12. Any delay in completion of work, which is attributable to the vendor, is liable for penalty @0.5 % per week (max 10 %) to be imposed on the vendor.



13. Prior to submitting the quotation, visit of the vendor or his representative to AFD, BARC to understand the work and site condition, is compulsory. The vendor or his representative may visit AFD, BARC, for inspecting the site with prior intimation of at least 2 clear working days to Shri Vivek Mishra, SO/D, FAS, AFD, BARC, Mumbai-400085, Ph-022-25594962, email: mivivek@barc.gov.in. or to Shri Amit Sharma, Head, FAS, AFD, BARC, Mumbai-400085, Ph: 022-25594637, email: amitshar@barc.gov.in. The visit will be approved only after verification of credentials of the visitor. The visit may be carried out during 03/08/2022 between 10.30 am to 4.30 pm. The visitor must have original identity proof and report before 12:00pm on the day of visit.
14. Quotation received from any vendor, without visit to AFD/BARC, will not be considered and will be treated as rejected.
15. In case of any clarification required, vendor shall contact above mentioned contact details during office hours.
16. This Work Order tentatively will start on 21/09/2022 for a period of one year. The vendor shall arrange for the Police verification certificate of their personnel. No person will be allowed to enter inside BARC without PVC.

**D. Confidentiality Clause :-**

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 third party without the prior written consent of the original disclosing party. This clause shall apply to the sub-contractors, consultants, advisers or the employees engaged by a party with equal force.

- I. "Restricted information" categories under Section 18 of the Atomic Energy Act 1962 and "Official Secrets" under Section 5 of the Official Secrets Act 1923. :-
- II. Any contravention of the above-mentioned provisions by any contractor, sub-contractor, consultant adviser or the employees of a contractor will invite penal consequences under the aforesaid legislation
- III. Prohibition against use of BARC's name without permission for publicity purposes.
- IV. The contractor of sub-contractor, consultant, adviser or the employees engaged by the contractor shall not use BARC's name for any publicity purpose through any public media like Press, T.V. or Internet without the prior written approval of BARC.

**E. Declaration to be submitted along with the offer**

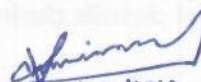
1. The vendor shall declare as to whether he has any relative working in BARC, or himself is an ex-employee of BARC, or has an ex-employee of DAE on his pay rolls.

The quotation, typed on a printed letterhead in a sealed cover super scribing enquiry no. and date shall reach to the undersigned at the address given below on or before **16/08/2022** by Registered / Speed Post only.

**Vivek Mishra**  
**Scientific Officer-D**  
**Fuel Assembly Section**  
**Atomic Fuels Division**  
**Bhabha Atomic Research Centre**  
**Trombay, Mumbai-400085**

Thanking you,

Yours faithfully

  
25/07/2022

(Vivek Mishra)

Scientific Officer (D)

Atomic Fuels Division

Bhabha Atomic Research Centre

  
26/07/22

(Amit Sharma)

Head, Fuel Assembly Section

Atomic Fuels Division

Bhabha Atomic Research Centre

(For and on behalf of President of India)