

GOVERNMENT OF INDIA
BHABHA ATOMIC RESEARCH CENTRE
Atomic Fuels Division

TENDER ENQUIRY

Ref.: AFD/ CCWS/DKM/22-23/ 58652

Date: 24/08/2022

Sub: Tender enquiry for onsite works (Machining, Cleaning, Inspection, movement etc.) of SS components at LTSC/NDTVC/AFD, BARC Trombay.

Sealed offer is invited for & on behalf of The President of India for "onsite works (Machining, Cleaning, Inspection, movement etc.) of SS components at LTSC/NDTVC/AFD, BARC Trombay.". The scope of work, technical and general terms & conditions are attached n Annexure-I.


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.
7. Your offer in sealed envelope bearing "Tender Enquiry No. & Due Date" should be sent to following address, so as to reach on or before 19-09-2022 by Registered / Speed Post only.

Dinesh Kumar maury
TO/D, CCWS
Atomic Fuels Division
Bhabha Atomic Research Centre
Trombay
Mumbai - 400085

8. Offer received through courier or person or after Due Date will be treated as Invalid.

Thanking you,

Dinesh Kumar maury.
(D K Maury) 11/8/2022
TO/D, CCWS, AFD


(Maajid Ali) 22/08/22
Head, CCWS, AFD

For & on behalf of President of India

Annexure-1

Description and scope of work:

Following works to be done on 700 Nos. of SS tubes (60 nos. per month or as required by purchaser) and 1400 nos. of SS plugs (120 nos. per month or as required by purchaser)

1. Both end facing of SS tubes:

Boring and Facing of SS tubes of \varnothing 4 to 30 mm x 1000 to 1500 mm long shall be done on conventional lathe/ CNC lathe provided by purchaser.

2. SS Plug machining on CNC lathe:

SS plug machining/ fitting shall be done on CNC lathe/ Conventional Lathe provided by Purchaser.

3. Length machining and both weld end edge preparation of SS tube for TIG welding

Length machining and both weld end preparation SS tubes shall be done on Conventional/ CNC lathe provided by Purchaser.

4. Inspection of Tubes and Plugs and record maintaining in log book as well as in PC

After each machining operation, machined component shall be inspected and data shall be recorded in log book as well as in computer as required.

5. Cleaning and drying of SS tubes

After one end facing each tube and plug shall be cleaned and dried as per welding requirement. Cleaning Procedure, material and Equipment will be provided by the purchaser.

6. Movement/shifting of Components from one station to another station using trays and trolleys provided by the purchaser

To carry out above work vendor shall provide minimum 2 nos. skilled certified turner/ machinist and 1 no. skilled certified fitter for the period of 12 month.

A. Technical Terms and Conditions:

1. All the works shall be carried out at NDTVCL/ LTSC/ 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. Minimum 2 skilled Turner/ machinist and 1 supervisor cum skilled fitter (NCVT or ITI certified) shall be provided by contractor at site to carry out the above mentioned work on regular basis except Saturday, Sunday and national holidays for a period of at least 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 if applicable 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/ NDTVC/LTSC 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. 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.

B. General Terms & Condition: -

1. Quotations are to be printed on letter head.
2. Lump sum amount shall be quoted for completion of work/ personnel mentioned in the enquiry. **Quotations received on per person basis or individual work basis will not be considered.**
3. **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. 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.
5. The vendor shall deploy the required manpower at AFD/ NDTVCLTSC, BARC within 3 weeks after issue of work order. Work order will be communicated to the vendor through email also.
6. 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.
7. Vendor working inside BARC is subjected to security clearance by BARC security, before or during the period of contract.
8. Income tax @2%, GST TDS and surcharge as applicable will be deducted from the bill of vendor.
9. The vendor shall clearly indicate following in the quotation.
 - Lump sum Price
 - Taxes & duties applicable, if any
 - PAN No., GST Registration No.

10. Payment will be arranged only after satisfactory completion of work at AFD and on submission of following documents,
- Bills/Invoice in triplicate
 - Advanced stamped receipt in favor of Accounts officer BARC.
 - GST Undertaking
 - ECS form dully filled.

Advance or Part Payment will not be made.

11. Any delay in completion of work, which is attributable to the vendor, is liable for penalty @0.5 % per week (max 5 %) to be imposed on the vendor. Extension of Work completion time may be granted in case of machine material is not made available to contractor onsite by purchaser.
12. **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. Dinesh Kumar Maury, TO/C, CCWS, AFD, BARC, Mumbai-400085, Ph-022-25596528, email: dkmaury@barc.gov.in. or to Shri. Maajid Ali, SO/G, CCWS AFD, BARC, Mumbai-400085, Ph: 022-25594621, email: maajid@barc.gov.in. The visit will be approved only after verification of credentials of the visitor. The visit may be carried out during 06-09-2022 to 07-09-2022 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.**
13. **The visitor will obtain a “certificate of visit” from purchaser during the above visit which is to be enclosed with technical bid.**
14. **Bid will be invalid if it is not supported with “certificate of visit”.**
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 November 1st, 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.

C. Confidentiality Clause :-

No party shall disclose any information to any third party concerning the matters under this contract generally. In particular, any conformation identified as “Proprietary” in nature by the disclosing party shall be kept strictly confidentiality 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.

- “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 adviser or the employees of a contractor will invite penal consequences under the aforesaid legislation

- Prohibition against use of BARC's name without permission for publicity purposes.
- 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.

D. Declaration to be submitted along with the offer

- (i) 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.

Thanking you,

Dinesh Kumar Maury
(D K Maury) 11/8/22
TO/D, CCWS, AFD

MAS
22/08/22
(Maajid Ali)

Head, CCWS, AFD

For & on behalf of President of India