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ट्रॉम्बे मुंबई - 400085
Trombay, Mumbai - 400085

GOVERNMENT OF INDIA
BHABHA ATOMIC RESEARCH CENTRE
Atomic Fuels Division

TENDER ENQUIRY

Ref.:AFD/MWS/ENQ/2019/ 74659.

Date: 24/04/2019

Subject: **Mould, crucible, charge preparation / cleaning / handling, furnace charging / discharging / cleaning, billet handling / loading / unloading, chips transfer from storage drums to packaging drums, oxide powder handling and miscellaneous work at AFD.**

Sir/ Madam,

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

A. SCOPE OF WORK:

A.1. Type-1 Activities :40 / month

1. Weighing of raw material consisting of assorted size and shape pieces in specified quantity
2. Coating of inner surfaces of cylindrical graphite moulds ($\text{Ø}150 \times 1200\text{mm L}$) with refractory slurry
3. Fitting of bottom plug in the graphite moulds
4. Loading moulds into mould heating furnace
5. Unloading mould from mould-heating furnace
6. Coating graphite crucible inner surface with refractory slurry
7. Placing graphite mould in melting furnace on mould platform
8. Placing the graphite crucible into refractory-lined copper coil inside the melting furnace
9. Loading the charge material for melting into graphite crucible placed inside the melting furnace
10. Discharging the casting from furnace
11. Weighing the cast billet.
12. Numbering of cast billet.
13. Dimensional measurement of cast billet.

14. Loading the cast billets on cutting table of band-saw machine.
15. Unloading ingot cut-pieces from cutting table of band-saw machine and storing in designated storage area.
16. Taking out graphite crucible from furnace after incineration operation and cleaning them before reuse.
17. Cleaning the furnaces.

A.2. Type - 2 Activities:4 / month

1. Packing of drums for transport.
2. Decontamination of working area

A.3. Type - 3 Activities:2 / month

1. Cleaning the furnace platform.
2. Emptying the dust collector container of industrial vacuum cleaners, transferring the dust into PVC bags (supplied by department) and storing them at designated place.

A.4. Contractor shall provide minimum 4 nos. of semi-skilled workers for above mentioned work on daily basis for all working days regularly till completion of contract period(12 months).

B. Terms and Conditions:

1. Contractors are requested to visit the site at Atomic Fuels Division, BARC, Trombay, Mumbai-400085 before submitting the quotation for a better understanding of the type and volume of work involved. Prior intimation of visit should be provided at least 2 working days before visit to:

Shri Mukesh Pandit

Site : Atomic Fuels Division, BARC, Trombay, Mumbai – 400085

Contact : 022-25594966

Email : mukeshp@barc.gov.in

“Quotations received from parties who have NOT visited the site, will NOT be considered for further evaluation.”

2. Only those personnel having a valid PVC (**Police Verification Certificate**) will be allowed to enter BARC premises. The visit will be approved only after verification of credentials of the visitor. The visit may be carried out between 06/05/2019 to 08/05/2019, i.e. between Monday to Wednesday, 10:00 am to 6:00 pm. No visitor will be entertained before 06/05/2019 and after 08/05/2019.
3. The contractor and/ or his personnel shall have to carry a valid **photo identity card** (Aadhar Card, Passport, Driving Licence) while visiting the premises.
4. Any type of electronic items such as mobile phone, camera, storage media like pen drives, hard disk etc. are banned and not allowed inside office premises.
5. The contractor and/or his personnel visiting AFD for the above job should have valid police verification to work in BARC, Trombay, Mumbai.
6. The contractor and/or his personnel are not allowed to move inside BARC without an escort from the department.
7. Quotation shall be for completion of work mentioned in the enquiry. **Quotations received on per person basis will not be considered.**
8. Work completion period is **12 months** from the date of issue of work order.

9. The work schedule mentioned in the work order shall be strictly adhered to. Any delay which is attributable to the contract party is liable for penalty @ ½ % per week (maximum 5%), to be imposed on the supplier.
10. The workers 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. 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 caution boards.
11. The demands of work require the workers 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.
12. Prescribed Personnel Monitoring Devices will be issued to the workers carrying out work at the plant. The contractor shall ensure that his personnel use these devices as prescribed.
13. All workers will be required to report to Health Physicist, AFD, before commencement of work and after completion of work every day.
14. During execution of work, all instructed safety measures are to be followed. Working in an area with possible radioactive contamination, the contractor should strictly ensure that the workers carrying out work shall wear all necessary personnel protective equipment like boiler suit, face mask, gloves, and others as prescribed, which shall be provided by the department. Wearing safety shoes is mandatory for all workers and it is in the scope of contractor to provide ISI-marked safety shoes to the workers for their safety.
15. Persons carrying out above job shall take all safety precautions required to carry out the said work. 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 contractor.
16. Personnel working at site should carry out cleaning of site and its surroundings at regular intervals to maintain safe and hygienic working environment.
17. Working hours for the workers shall be 8 hours/day.
18. Contractor / Contractor's supervisor shall pay a visit to Atomic Fuels Division at least 2 times per month for assessment of his personnel and shall be available for telephonic contact at all times during working hours.
19. Workers shall not be replaced/ exchanged as and when desired by contractor during the period of contract. 30 days' notice period shall be provided in case of genuine reason for replacement.
20. Contractor shall provide a suitable replacement in case of unsatisfactory performance/ behavior of worker(s) within 15 working days.
21. The payment shall be made only after satisfactory completion of above mentioned jobs and on submission of following documents:
 - a. Bill / invoice in triplicate. The bill shall clearly indicate taxes, if any.
 - b. Advance stamped receipt in favour of Pay and Accounts officer, BARC.
 - c. ECS form: Bank details may please be furnished in the attached ECS form and submitted as payments will be released only through ECS.
22. Income tax @ 2% will be deducted from your bill.
23. TDS @ 1% on GST shall be recovered in case of payment of invoices for supply under contract exceeding ₹2.50 Lakh.
24. No escalation in the cost of contract shall be permitted.
25. No insurance charges will be borne by the department.
26. No additional expenses including but not limited to extra visit charges, engineer expenses, transportation etc. will be payable.

27. Quotations are to be printed on letter head / quotation format mentioning GSTIN number, Sales Tax Registration Number registered with local ST authority/ CST authority, PAN of the firm, Service Tax Registration Number, etc.
28. The quotation should clearly mention the name of signatory and should bear company seal.
29. Please mention Basic Amount and GST separately in the quotation.
30. Quotations shall be sent only by Registered Post/ Speed Post.
31. Incomplete or vague quotations shall be rejected and no further communication shall be made from our side in this regard.
32. You shall be bound by the confidentiality clauses mentioned below:
 - a. **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 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.
 - b. **"Restricted information" categories under section-19 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.
 - c. **Prohibition against use of BARC's name without permission for publicity purposes:** The contractor, 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, Radio, TV or Internet without the prior written approval of BARC.

C. Declaration to be submitted along with the offer

The prospective supplier 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.

- D.** The quotation, typed on a printed letterhead shall reach in a sealed cover superscribing enquiry no. and date to the undersigned at the address given below on or before **17/05/2019** by Registered / Speed Post only.

Mukesh Pandit
Scientific Assistant / D
Atomic Fuels Division
Bhabha Atomic Research Centre
Trombay
Mumbai - 400085

Thanking you,

M Pandit
24/04/2019
(Mukesh Pandit)
SA/D, MWS, AFD

[Signature]
24.04.2019
(C.B. Rai)
SO/F, MWS, AFD
For & on Behalf of President of India