

**Government of India
Bhabha Atomic Research Centre
Post Irradiation Examination Division
Radiological Laboratories Trombay, Mumbai 400 085**

Tel: 25594047
Fax: 2550 5151

Ref: PIED/NHF/AB/2018/689A

26.06.2018

Sub: In-situ decontamination, recovery of lead brick and fabrication of lead ingots

Dear Sir,

Please send us your lowest quotation for In-situ decontamination, recovery of lead brick and fabrication of lead ingots as per the scope of work given below:

Scope of work:

1. We have abandoned contaminated lead bricks Qty. 30MT (30,000 lead bricks). These are to be de-contaminated thoroughly. After decontamination, lead has to be recovered from lead brick. Recovered lead has to be re-casted in form of standard lead ingot of 30Kg. These lead ingots have to be shifted to service court yard for safe custody.
2. Quantity of lead bricks from which lead has to be recovered: 30MT
3. Work involves material handling of 30MT lead bricks and decontamination of all the bricks
4. In-situ fabrication of bottom taping one-ton capacity furnace for lead recovery.
5. Fabrication of mold for casting lead ingots.
6. Fabrication of die for ingot casting.
7. Die shall be fabricated with 6mm thick MS plate.
8. Outer shell of lead filled bricks shall be dismantled in site.
9. Recovered lead from the lead brick shall be re-casted in form of standard lead ingot.
10. Dismantling of die by gas cutting. Disposal of die parts and slag of lead.
11. Contractor shall arrange adequate skilled man power (minimum six persons per day) and one supervisor on daily basis.
12. Contractor shall arrange all consumables like Acetylene gas, industrial LPG and Oxygen cylinders. Personal Protective Equipment (PPE) like Boiler suit, Half Mask Respirator with HEPA filters, Cotton gloves, Surgical Gloves, Postmortem Gloves, PVC shoe cover, duster, cotton head cap etc. for all working personnel shall be arranged by fabricator. Department will not provide any PPE for this work.

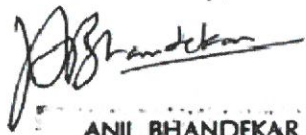
Important Note:

1. The purchaser will provide electricity and water at the site free of cost to the fabricator.
2. DA cylinder and oxygen cylinder shall be arranged by the fabricator.
3. All other miscellaneous tools like grinders, drilling machine etc. shall arranged by fabricator.
4. The fabricator has to arrange medical fitness certificate for all the working personnel. TLD and Dosimeter will be issued to all working personnel.
5. Since the work is in radioactive area, all working personnel shall strictly follow the instruction of health physicist and dept. supervisor.
6. Since the scope of work involves site work, you shall obtain clearance from police and CID for all staff who may be deputed for site work at PIED, RLG, BARC. This is mandatory and the responsibility of obtaining such a clearance is within your scope of work.

Terms and Conditions :

1. The work is to be completed within 30 days of receiving the firm work order from us.
2. The sealed quotations shall reach the office of the Head PIED, New Hot Cells Facility, RLG, Mumbai – 85 on or before **12.07.2018 by Registered Post of Indian postal services.**
3. Please address your offer to: **Anil Bhandekar, SO/G, Post Irradiation Examination Division, RLG, BARC, Trombay, Mumbai-400 085.**
4. The quotations are to be sent in a sealed envelope with the following information marked on top of the envelope: "Quotation for lead recovery"
5. Offers sent by telegram, telex, fax or e-mail will **not** be considered.
6. All taxes should be mentioned clearly.
7. Quotation should be in the printed letter head /quotation format which should consist of Sales Tax Registration Number, PAN Number of the firm, Service Registration Number, etc.
8. **Quotation shall be signed by proprietor or authorized person and affix company seal.**
9. Computer generated quotation form will not be accepted.
10. Item is required for research purposes. Therefore, excise duty will not be applicable. The necessary excise duty exemption certificate will be issued. Supplier has to quote the price exclusive of excise duty.
11. Income Tax @2%, surcharge on IT as applicable and educational cess as applicable (on IT & surcharge) will be deducted at source from your bill
12. Delivery period should be mentioned with all the possible consideration.
13. Payment will be made within 30 days from the date completion.

Yours sincerely,



ANIL BHANDEKAR
Scientific Officer
Government of India
P.I.E. Division, B.A.R.C.
Trombay, Mumbai - 400 085.

Anil Bhandekar
SO/G, PIED