

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

Tel: 25594561

Ref: PIED/AB/2022/362A

30.05.2022

To,

Sub: In-situ fabrication of shielded cell using lead bricks available at PIED

Dear Sir,

Please send us your lowest quotation for the above site work In-situ fabrication of lead shielded cell at PIED as per the technical specification and terms and condition given below:

Scope of work:

In-situ fabrication of shielded cell using lead brick available at PIED

1. A lead shielded cell of size 1m x 1m x 1m is to be fabricated in-situ at radioactive area of PIED.
2. This lead cell shall be assembled on the structural table of height 1m from the floor level. Lead cell shall be made using lead bricks of size 100mm x 100mm x 100mm.
3. Lead cell shall have shielded sliding door of size 400mm x 400mm which provide opening of size 300mm x 300mm.
4. Used Lead bricks are available at site. These lead bricks have to be reconditioned to use in the lead cell.
5. Lead cell shall have structural frame made with MS square box pipe of 100mm size and wall thickness 6mm. Required Structural materials shall be arranged by the fabricator.
6. All the Internal surfaces shall be lined with 3mm thk. SS304 sheet. Required SS304 sheet shall be arranged by the fabricator.
7. A structural table of size 1300mm x 1300mm x 1000mm height shall be fabricated with MS square box pipe of 100mm size and wall thickness 6mm. This table shall have load carrying capacity of 10MT.
8. In-situ fabrication of lead shielded cell at PIED involve gas cutting of structural materials, reconditioning of lead bricks, welding, grinding, painting.
9. Machine and tools will be contaminated. Machine and tools can't be taken back. Daily working hours will be 10.00 to 13.30hrs.
10. The fabricator has to arrange all structural materials, welding machine, welding consumables, grinders, sanders, hand trolley and other tools for site work by him. Department will not provide any machines, man power, materials and tools for the site work.
11. All your electrical appliances shall have a performance certificate without which they cannot be connected to the electrical supply points provided by the department. Hence, you are requested to obtain the certificate for the appliances before bringing them into BARC.
12. 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.

Please note the following :

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 **13.06.2022** 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 shielded cell”
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. Income Tax @2% will be deducted at source from your bill
11. Delivery period should be mentioned with all the possible consideration.
12. 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