

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

Tel: 25594047, Fax: 2550 5151

Ref: PIED/AB/2022/255

06.07.2022

To,

**Sub: Annual Maintenance Contract for decontamination of equipment at PIED**

Dear Sir,

Please send us your lowest quotation for the Annual Maintenance Contract for decontamination of equipment at PIED as per the technical specification and terms and condition given below:

**Scope of work:**

1. Annual Maintenance Contract for decontamination of equipment at PIED
2. Decontamination is the process of cleansing an object to remove radioactive contaminants from the surfaces. Decontamination is done by physical cleaning of object by suitable chemical or by suitable cleaning agent.
3. The period of contract shall be **Twelve months** from the release of work order.
4. Decontamination of various radioactive areas of Old Hot Cell Facility(OHF) includes following works:
  - Equipment decontamination (50% of total work)
  - Floor decontamination and wall decontamination (50% of total work)
5. Following equipment to be decontaminated on daily basis
  - Master slave manipulators (36Nos.)
  - Hot wells (30Nos.)
  - Rolling shutters (6Nos.)
  - Tram track trolleys (8Nos.)
  - Radiation shielding windows (18Nos.)
6. Following radioactive areas to be decontaminated regularly (each area at least three days in a week).

S No.	Radioactive Area	Area (in Sq. m)
1.	Operating Area (OA)	250
2.	Warm Work Area (WWA)	600
3.	Isolation Area (IA)	100
4.	Cell Roof Top	125

5.	Green Corridor	300
6.	Low Active Lab Gr. Floor	200
7.	Low Active Lab First Floor	200
8.	Low Active Lab Second Floor	200
9.	Vehicle Airlock	250
10.	Waste Storage Room	100
11.	Cell Exhaust Room	300
12.	Lab Exhaust Filter Room	250

7. Equipment decontamination shall be carried out by cleaning the equipment surfaces with ACCETONE / EDTA / Citric Acid and lint free cloth.
8. Wall decontamination shall be carried out by manual cleaning the wall painted surfaces with ACCETONE / EDTA / Citric Acid and lint free cloth.
9. Contractor shall arrange adequate man power **(minimum four persons per day) and one supervisor on daily basis**. Man power requirement will vary as per work load.
10. Contractor shall arrange all 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. Department will not provide any PPE for this work

**Important Note:**

1. We will accept quotations from the contractors those who have previous experience of decontamination work in radioactive areas, other quotation will be rejected. Documentary proof of previous experience of decontamination work in radioactive areas shall be attached with quotation.
2. Since the work is in radioactive area, all working personnel shall strictly follow the instruction of health physicist and dept. supervisor. The contractor has to arrange medical fitness certificate for all the working personnel. TLD and Dosimeter will be issued to all working personnel.
3. 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 period of contract shall be twelve months from the release of work order.
2. Service Charges accepted shall be firm during the currency of the Contract.
3. Half yearly payment will be done. No advance payment will be made
4. The sealed quotations shall reach the office of the Head PIED, New Hot Cells Facility, RLG, BARC, Mumbai – 85 on or before **20.07.2022 by Speed Post of Indian postal services.**
5. Please address your offer to: **Anil Bhandekar, SO/G, Post Irradiation Examination Division, RLG, BARC, Trombay, Mumbai-400 085.**
6. The quotations are to be sent in a sealed envelope with the following information marked on top of the envelope: "Quotation for Annual Maintenance Contract of decontamination of equipment"
7. Offers sent by telegram, telex, fax or e-mail will **not** be considered.
8. All taxes should be mentioned clearly.
9. 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.
- 10. Quotation shall be signed by proprietor or authorized person and affix company seal.**
11. Computer generated quotation form will not be accepted.
12. Income Tax @2% surcharge on IT and other cess as applicable will be deducted at source from your bill

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