

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/2018/849A

07.08.2018

To,

Sub: Decontamination of various radioactive areas of New Hot Cell Facility(NHF) at RLG, BARC Trombay

Dear Sir,

Please send us your lowest quotation for the above site works at NHF, RLG, BARC Trombay as per the scope of work given below:

Scope of work:

1. 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.
2. The period of contract shall be **three months** from the release of work order.
3. Decontamination of various radioactive areas of New Hot Cell Facility(NHF) includes following works:
 - Floor decontamination (70% of total work)
 - Equipment decontamination (10% of total work)
 - Wall decontamination (10% of total work)
 - Painting for fixing contamination (10% of total work)
4. New Hot cell Facility(OHF) has 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

5. Floor decontamination shall be carried out by manual cleaning of floor by suitable chemical or cleaning agent (like LIZOL). Manual cleaning of floor shall be carried out by Lint free MOP. Floor area which have higher contamination shall be clean with ACCETONE and lint free cloth. If required floor shall be decontaminated by EDTA solution or by Citric Acid solution.
6. Equipment decontamination shall be carried out by cleaning the equipment surfaces with ACCETONE and lint free cloth.
7. Wall decontamination shall be carried out by manual cleaning the wall painted surfaces with ACCETONE and lint free cloth.
8. **Contractor shall arrange adequate man power (minimum 10 persons per day) and one supervisor on daily basis. Man power requirement will vary as per work load.**
9. **Contractor shall arrange adequate quantity of all the consumables like LIZOL, Liquid soap, Alcohol, Acetone, ETDA powder, Citric acid powder, Lint free MOP, Lint free cloth, MOP, MOP stick, PVC bags, Mansoon Tapes, Surgical Gloves, Postmortem Gloves, Plastic bins, Plastic buckets etc. Department will not provide any consumable for this work.**
10. **Contractor shall arrange all Personal Protective Equipments (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.**
11. After every decontamination work, waste shall be packed in PVC bags and disposed off in MS drums as instructed by dept. supervisor.


Important Note:

1. The fabricator has to arrange medical fitness certificate for all the working personnel. TLD and Dosimeter will be issued to all working personnel.
2. Since the work is in radioactive area, all working personnel shall strictly follow the instruction of health physicist and dept. supervisor.
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 three months from the release of work order.**
2. The sealed quotations shall reach the office of the Head PIED, New Hot Cells Facility, RLG, Mumbai – 85 on or before **16.08.2018 only by Regd. Post of Indian Postal Service.**
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 e with the following information marked on top of the envelope: “Quotation for Decontamination of various radioactive areas of NHF”.
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 @3% (on IT & surcharge) will be deducted at source from your bill
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