

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

Tel: 25594561

Ref: PIED/AB/2022/176A

05.05.2022

To,

Sub: In-situ modification of 30MT cask lifting yoke, lifting holes of roof plugs and filter pits

Dear Sir,

Please send us your lowest quotation for the above site work In-situ modification of 30MT cask lifting yoke, lifting holes of roof plugs and filter pits as per the technical specification and terms and condition given below:

Scope of work:

1. In-situ modification of 30MT cask lifting yoke

Cask lifting yoke is a 5m long box structure of 350mm x 350mm size. It has two hooks at the ends which engage with the cask D-shackle. Yoke has a king pin at center which engage with the crane hook. To increase the strength of yoke, two plates of size 350mm x 5000mm x thickness 20mm shall be welded at top and bottom of the yoke. Existing Central king pin shall be replaced with 75mm diameter alloy steel En 24 pin. Pin support plate shall be stiffened with 25mm thick plates. Two plates of size 300mm wide x 900mm height x 25mm thick will be required. This site work includes decontamination of yoke, grinding / descaling, gas cutting, welding at site.

2. Modification of roof plug lifting holes

Roof plug assemblies have lifting hole of size M36 x 80mm deep. These lifting holes shall be re-drilled and re-tapped to size M48. Total 36 Nos. holes shall be modified. This job include decontamination st site, drilling of 42mm dia hole, tapping of hole with M48 x 5 tap size.

Large size drilling machine with magnetic base shall be arranged by the fabricator. Suitable drill bits, taps, tap wrench or tapping machine shall be arranged by the fabricator. Machine and tools will be contaminated. Machine and tools can't be taken back. Daily working hours will be 10.00 to 13.30hrs.

3. Making of new lifting holes on the filter pit covers

36Nos. M24 tapped shall be made on Filter pit covers in-situ. This job include decontamination st site, drilling of 21mm dia hole, tapping of hole with M24 x 3 tap size.

Large size drilling machine with magnetic base shall be arranged by the fabricator. Suitable drill bits, taps, tap wrench or tapping machine shall be arranged by the fabricator. Machine and tools will be contaminated. Machine and tools can't be taken back. Daily working hours will be 10.00 to 13.30hrs.

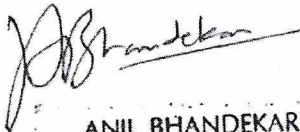
Important Note:

1. The fabricator has to arrange all materials, welding machine, welding consumables, grinders, sanders, hand trolley and other tools for site work by him. Department will not provide any machines or tools for the site work.
2. 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.
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 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 **17.05.2022** 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 modification of 30MT cask lifting yoke"
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