

दुर्भा
TELEPHONE
भा : बाक-मुदु, नमु
TELEGRAMS : BARC-MUMBAI, CHEMBUR
दलेकस : ०११-६१०१७/०११-६१०२० बाक हु
TELEX : 011-61017/011-61022 BARC IN
फकन संखः : ९१-२२-६५६०७५०
FAX NUMBER : 91-22-5560750



भारत सरकार
GOVERNMENT OF INDIA
भाभा परमाणु अनुसंधान केन्द्र
BHABHA ATOMIC RESEARCH CENTRE

दुर्भा,
मुक ६०० १६५
TRIMBAY,
MUMBAI-400 065

RADIOMETALLURGY DIVISION

Ref: BARC/RMD/PG B/01

Date: 31.05.2022

SUBJECT: Notice inviting tender for “Reconditioning and Relocation of AHWR Pin handling system” as per specification.

1. Scope:

An automation system for AHWR pin handling system with specifications as given in Annexure 1 is required to be relocated from Cirus Reactor Hall to South Side Shed of BARC, Anushakti Nagar Mumbai. The scope of work shall include

- 1.1. Tagging and dismantling at Reactor Hall.
- 1.2. General cleaning of SS pipe, MS Beam, angle, chain and control panels.
- 1.3. Chemical removing of rust on surfaces wherever needed.
- 1.4. Relocation to South Side Shed.
- 1.5. Assembly of the system at south side shed.

Note: Arranging manpower, chemicals, tools and tackles and material handling equipment such as hydraw, forklift, long platform truck etc required is in the scope of contractor. Contractor may visit the site and actual system for evaluation of work for their estimate before quoting the price bid.

2. General guidelines for submitting tender

- Work Contractor must visit the existing installation site for proper understanding of work before quoting and submit a site assessment undertaking on format provided by the department failing which quotation shall not be considered.
- A period of **10 days** will be given to supplier for visit from tender upload date.
- Offer shall include cost of work with work details, work completion period, taxes and all other relevant information.
- Supplier shall mention clearly the PAN /TAN no. on quotation.
- GST number shall be clearly mentioned on Quotation.
- Overwriting, scratching etc. must be avoided in the quotation.
- Quotation shall be sent in sealed envelope. Envelope should be clearly superscripted with **Quotation for “Reconditioning and relocation of AHWR Pin handling system” and due date.**

- Quotation shall be sent to address mentioned below so as to reach on/or before **15/06/2022 by Speed Post only.**

**Head RMD,
RLG building, BARC,
Anushakti Nagar, Mumbai. 400085**

- The Completion period mentioned in the quotation shall be strictly adhered to. If the contractor fails to complete the work and secure extension of delivery date before effecting completion of work against the contract, acceptance of such item by the purchaser will in no way prejudice the right of the purchaser to levy liquidated damage nor will it be entitled to the contractor for payment of statutory levies that comes into force after the expiry of the completion date.
- For any clarification before bidding following officers may be contacted, Shri. A. K. Mishra, 022 25594478 or Shri. Farman Ali, 022 25594194.

3. Place of Work:

Reactor Hall, and South Side Shed BARC, Trombay

Note: It is the responsibility of supplier to arrange for necessary documents like PVC, Medical fitness certificate and all other necessary documents required for obtaining security passes for all the personnel.

4. PAYMENT TERMS:

Full payment will be made only after the satisfactory completion of Work order for “**Reconditioning and relocation of AHWR Pin handling system**”. Please note that income tax @ 1.5% and GST TDS @ 2% will be deducted from your bill. **No part payment or advance payment will be made.** For this mode of payment, you are required to draw your invoice in the name of Head, RMD, Bhabha Atomic Research Centre, Mumbai 400085. Following documents are to be submitted for settlement of bills.

- a) Invoice in **triplicate along** with Advance Stamp receipt and to be submitted
- b) Copy of Cancelled Cheque.
- c) Annexure –II attached with this work order.
- d) ECS form duly filled and signed

5. CONFIDENTIALITY CLAUSE:

No party shall disclose any information to any third party, concerning the matters under this contract generally. In particular, any information identified as “Proprietary” in nature by the disclosing party shall be kept strictly confidential by the receiving party and shall not be disclosed to any third party without the prior written consent of the original disclosing party.

This clause shall apply to the sub-contractors, consultants, advisers or the employees engaged by a party with equal force.

“Restricted information “categories under section 18 of the Atomic Energy Act, 1962 and “Official Secrets” under section 5 of the official secrets act, 1923.

Any contravention of the above-mentioned provisions by any contractor, sub-contractor, consultant, adviser or the employees of a contractor will invite penal consequences under the aforesaid legislation.

Prohibition against use of BARC’s name without permission for publicity purposes. The contractor or sub-contractor, consultant, adviser or the employees engaged by the contractor shall not use BARC’s name for any publicity purpose through any public media like press, radio, T.V. or Internet without the prior written approval of BARC.

6. General requirements:

- a. The vendors are encouraged to hold prior discussions with the indenting officer or his representative for any clarifications regarding scope of work.
- b. It is the responsibility of the contractor to obtain Police Verification Certificate (PVC) of all the personnel required for execution of job. Work should be carried out by trained personnel only and due security clearance of all personnel will be obtained once work order is issued.
- c. Single order will be placed for this and no partial work is permitted.
- d. Staying inside the office premises after the working hours is not permitted.
- e. Working days include Monday-Friday 10:00 am to 5:30 pm (Saturday & Sunday are holidays), work completion period has to be planned according to the area and amount of work for the installation.
- f. Contractor shall ensure that all his personnel follow COVID appropriate behaviour and use good quality mask at all times and frequently use sanitizer. Both mask and sanitizer have to be arranged by supplier.

a) Contact Persons:

- a) **Shri. A.K. Mishra**
SO/H, RMD
BARC-
Email: arbindm@barc.gov.in
Phone: 25594478
- b) **Shri Farman Ali**
SO/D, RMD
BARC-
Email: farman@barc.gov.in
Phone: 25594194

Farman

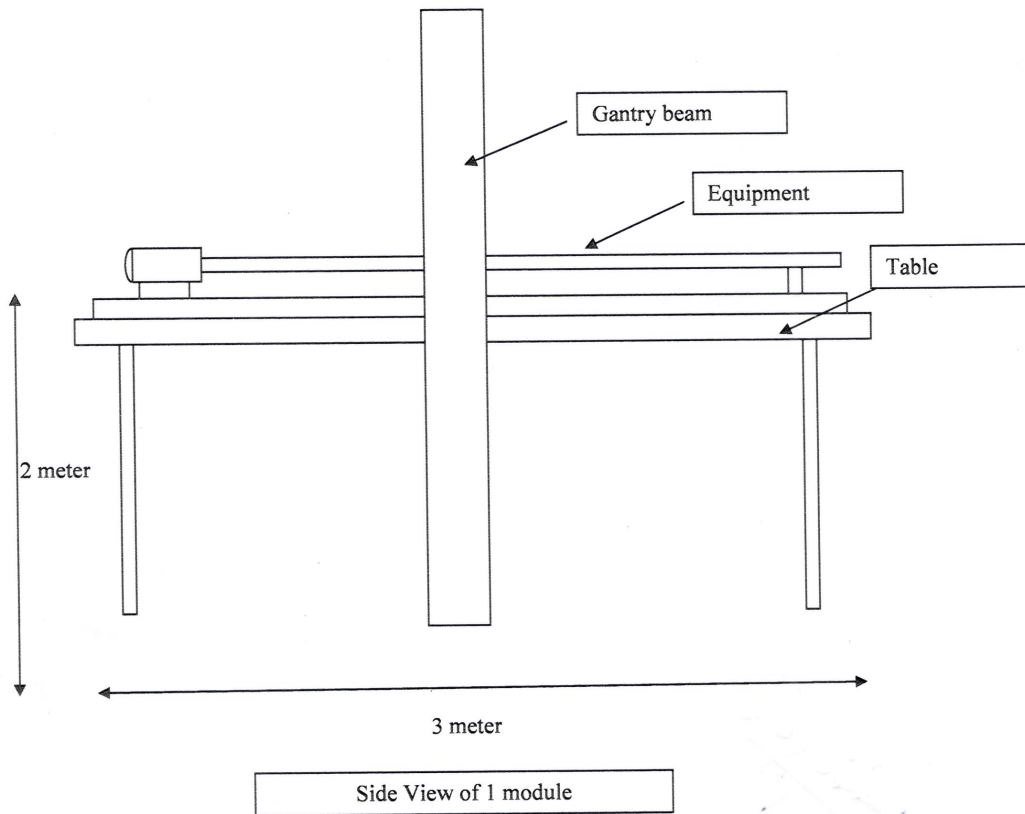
Arbind Mishra

Annexure 1

System is modular in structure with three different zones each comprising of:-

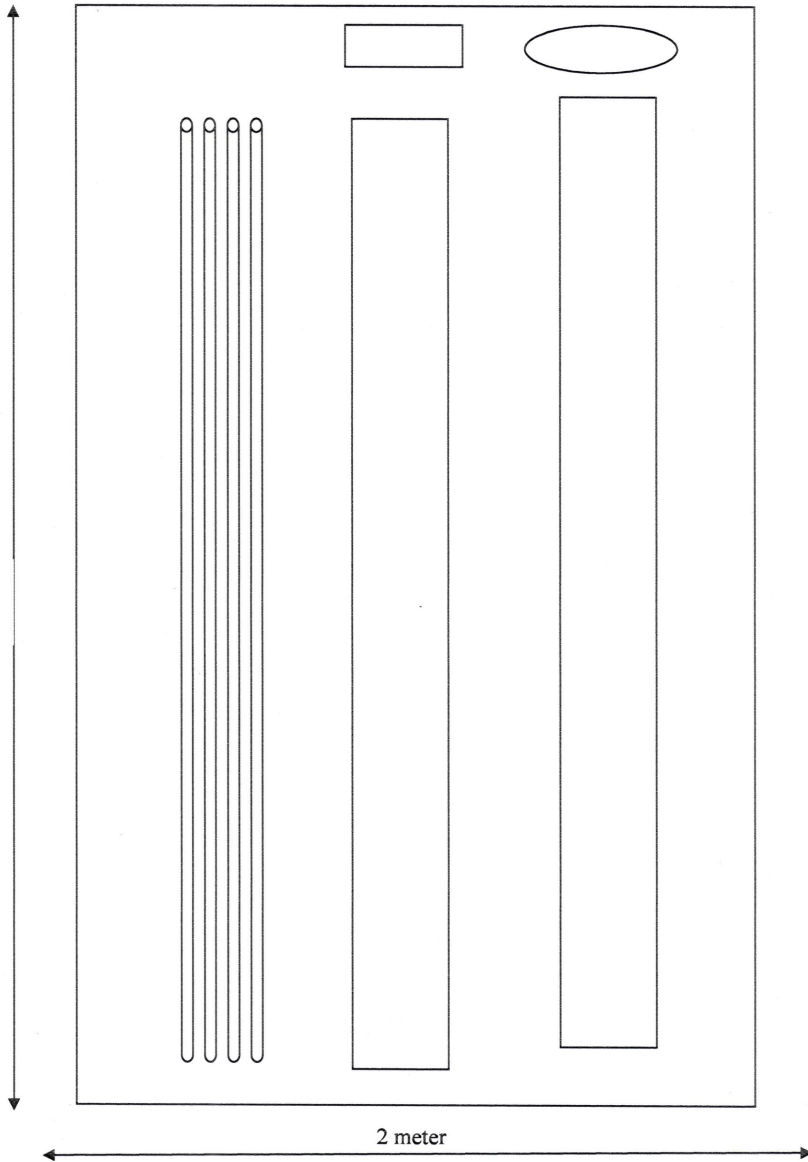
1. Overhead gantry of height 2 m span 2 m weight around 200 kg
2. Table 4 meter length 2 meter width and 1.5 meter height weight around 500 kg
3. Control panel of height 1.5 meter width 1 meter weight 100kg
4. Structural parts 3 meter height 2 meter width beam 500kg
5. Pneumatic system, mechanical drives, limit switches and sensors.

Control system comprises of PLCs with provision to be connected to PC with dedicated software and PC is used to run the system. Various electronic parts are delicate and need to be handled properly. Structural parts and mechanical parts like gantry etc are heavy and should be transported in assembled form. Alignment of various modules during assembly is essential for functioning of the system.



Signature

4
meter



Top view of 01 module

Handwritten signature