

दूरभाष :  
TELEPHONE :  
तार : बार्क-मुंबई, चेम्बुर.  
TELEGRAMS: BARC-MUMBAI, CHEMBUR.  
टेलिक्स : ०११-६१०१७/०११-६१०२२ बार्क ईन  
TELEX: 011-61017/011-61022 BARC IN  
फैक्स संख्या : ११ - २२ - ५५० ५१५१  
FAX NUMBER: 91-22- 5505151



सत्यमेव जयते

भारत सरकार  
GOVERNMENT OF INDIA

भाभा परमाणु अनुसंधान केन्द्र  
BHABHA ATOMIC RESEARCH CENTRE  
Reactor Operation Division  
Cirus

दुम्बे,  
मुंबई-४०० ०८५.  
TROMBAY,  
MUMBAI-400 085.

Ref: ROD/G-7/ 405/2022

September 12, 2022

### TENDER NOTICE

#### **Sub: Dismantling and disposal of PCW and Sea water pipelines in Heat Exchangers Room at Cirus**

Sealed quotation is invited, for and on behalf of the President of India, for the above job as per the description and scope of work given below.

- 1.1 Tender offer is to be submitted in two parts viz. **Part-A** (Techno-commercial Bid) and **Part-B** (Price Bid).

In **Part-A** (Technical Bid) bidder must attach following documents;

- PAN No, GST certificate / Number.
- List of available plant & machinery.
- List of technical manpower along with organizational structure.
- Proof of having satisfactorily completed similar works.

In **Part-B** (Price Bid), the quotation shall be in the format of attached schedule-B and shall show the basic cost and GST separately, if applicable.

- 1.2 Bidders are required to submit in separate sealed envelopes, containing and indicating the following on outside:

First Envelope	Tender no.	Part-A (Technical Bid)
Second Envelope	Tender no.	Part-B (Price Bid)

The technical bid and the financial bid should be sealed by the bidder in separate covers duly super scribed and both these sealed covers are to be put in a bigger cover which should be sealed and duly super scribed with the name of the work, name and address of bidder, tender notice no. and due date.

- 1.3 Sealed and super scribed Tenders as mentioned above in 1.1 shall be sent to and will be received up to **15.00 hrs. of 28<sup>th</sup> September 2022, only at the address given below. The quotation shall be sent through registered post / speed post through Indian postal services only.** Quotation delivered by person or through courier will not be accepted and not considered for bidding process.

To,  
ROD Office, Dhruva  
Kind Attn: Shri M K Ojha, SO/F  
ROD/ CIRUS  
BARC, Trombay  
Mumbai-40085

- 1.4 After opening of Part-A of the tender, bidders shall be evaluated, for their techno-commercial capability to carry out the work based on;
- Technical capabilities in regard to tendered work
  - Organizational structure.
  - Available resources, skilled man power and previous experience of similar jobs.
  - Quality and safety consciousness.
  - Adherence to time schedule for the completed works.

Those who do not satisfy the conditions shall not be considered. Part-B (Price Bid) of tender will be opened at a later date only for the successful bidders who are qualified through technical evaluation.

- 1.5 The acceptance of tender will rest with Decommissioning Suptd., Cirus & Apsara, ROD on behalf of The President of India who does not bind himself to accept the lowest tender and reserves to himself the authority to reject an or all of the tenders received, without assignment of any reason.
- 1.6 In the event of any conflict between or within the various sections of this specification or in case of any doubt, decision of the indenter shall be final.
- 1.7 The contractor is specifically requested to visit the site and familiarize himself with the location and facilities available for this work and obtain any other information which may influence or affect this tender, before submitting quotation.
- 1.8 The bidder shall quote clearly give break up of basic price and taxes.
- 1.9 The quotation shall be given on vendor's letter head and properly signed in the format given in the Schedule of work. The vendor shall provide the PAN no. and GST no. along with quotation.
- 1.10 No advance or part payment is admissible.
- 1.11 The quality of workmanship shall conform to high standards and strictly as per specifications.
- 1.12 The contractor shall have experience in execution of similar jobs. Your quotation shall accompany suitable documents regarding this.

## **2.0 SCOPE OF WORK:**

- 2.1 The scope of the work involves:
- 2.2 Dismantling of PCW and sea water lines:
- Dismantling and removal of carbon steel pipelines approximately 60 m of length and 20" diameter from PCW system located in the basement and dividing the line in 2 m length size. The bigger diameter lines shall be packed with smaller diameter scrapped lines/materials and sealed from both ends by fixing metal plates. Arrangement of eyebolts shall be made for lifting each segment. All such segments shall be removed from the area.
  - Dismantling and removal of carbon steel pipelines approximately 35 m of length and 10" diameter from PCW system located in the basement and dividing the line in 2 m length size. Theses shall be packed inside 20" diameter lines.

- iii. Dismantling and removal of carbon steel pipelines approximately 50 m length and 2" diameter from PCW system located in the basement and dividing the line in 2 m length size.
- iv. All the pipelines of 20", 10" and 2" diameter pipes will be disposed as radioactive. These lines will be packed for easy storage and disposal. These packed lines will be stored outside the plant area and kept at designated place.
- v. Dismantling, removal and disposal of 24" diameter 65-meter length CS pipelines and 8" diameter CS pipelines 30-meter length & valves from sea water system located in the basement. All the 24" and 8" lines and valves will be checked for radioactivity before disposal before transporting to TV Stores.
- vi. Disposal of all the scraps which will be found free of any of radioactivity and contamination after checking by RHC. Radioactive scraps shall be cut and packed to size suitable for disposal to active storage area at site.
- vii. Disposal of all inactive scraps from the site to TV stores.

**3.0 WORK COMPLETION PERIOD:**

120 days from the date of work order.

**4.0 MATERIALS AND WORKMANSHIP**

4.1 No material supply is required.

4.2 Power supply, Compressed air and service water are available at work site.

**4.3 Workmanship:**

Workmanship shall be of first class, high grade quality and in accordance with the best approved method.

**5.0 PENALTY:**

Any delay which is attributable to the contractor is liable for penalty @ ½% per week (max 10%) to be imposed on the contractor.

**6.0 PAYMENT:**

6.1 Payment shall be made only on satisfactory completion of the work and on production of bill, advance stamped receipt and guaranty/warranty certificate. Advance/ part payment or against delivery cannot be made. Proposed payment terms by the tenderer cannot be accepted.

6.2 An undertaking shall be submitted that the GST has been promptly deposited with the authorities.

6.3 ITR undertaking and ITR acknowledgement receipt for the last two years shall be submitted.

**7.0 DEDUCTION OF TAXES AND SURCHARGES:**

Income tax @2.0 % and GST TDS @2% will be deducted from the bill.

**8.0 Contractor will provide the following:**

All the tools for cutting MS angles, pipes, SS sheets required for the job shall be provided by the contractor. Electrically operated tools & appliances brought by the contractor for the job shall (each of them) have the certification of licensed electrician. Labor, tools, gas cylinders, welding equipment etc. shall be arranged by the contractor.

**9.0 Safety:**

- i. All the persons working at site shall be physically and mentally fit.
- ii. All applicable industrial & safety precautions shall be taken by the contractor in respect of their personnel working at site.
- iii. Contractor personnel shall also abide by the radiation safety precautions as directed by the Health physicist of the site.
- iv. All workers, supervisors & engineers of the contractor shall wear necessary protective clothing, safety belts with harness, helmets & canvas/safety shoes properly laced & follow the safety requirements strictly, while working at site.
- v. The personal protective equipment to contract workers, supervisors & engineers shall be supplied by the contractor at his cost.
- vi. The contractor & his persons shall strictly observe all security and safety regulations prevailing at the site.
- vii. Safe industrial practices are to be followed for use of portable ladders & step ladders by Contractor & his team, wherever applicable.
- viii. All workers should be insured at the cost of the contractor for risk of working at BARC & no claim will be payable by BARC.
- ix. The contractor shall arrange medical certificates of their personnel from a registered medical practitioner certifying that the personnel are medically fit to work in a radiation area.
- x. Above work shall be carried out with strict adherence to safe work practice. BARC shall not be responsible for any damage, injury, death etc of any contractor's personnel under any circumstances. No compensation claim shall be admitted in this regard.

#### **10.0 Security:**

- a) Security instructions should be strictly adhered to.
- b) **The contractor shall arrange Police verification certificates for the group of persons engaged by him for the above work as per the existing procedure at BARC.**
- c) All the personnel employed by the contractor will follow strict instruction given by RHC of reactor complex.

#### **11.0 CONFIDENTIALITY CLAUSES.**

##### **(i) Confidentiality:**

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.

##### **(ii) "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.

##### **(iii) Prohibition against use of BARC's name without permission for publicity purposes: -**

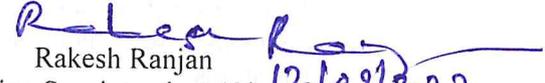
The contractor or sub-contractor, consultant, adviser or the employees engaged by the contractor shall not use BARC's name for any publicity purpose through any public media like Press, Radio, T.V. or Internet without the prior written approval of BARC.

**12.0 General:**

- i. The quotation shall be given on the vendors letter head and properly signed.
- ii. The vender shall provide PAN no. and GSTN no. along with the quotation.
- iii. **The desirous bidders may contact M K Ojha, Decommissioning Engr. on Tel no. 25596250 for any clarification.**
- iv. The bidder must visit the site to assess the job clearly and specifically before quoting their offer. He may contact one day in advance. The bidders who will quote without visiting the site are liable to be rejected.
- v. We reserve the right to terminate the contract at any stage of execution of the contract without assigning any reason.
- vi. Please indicate whether any of your relatives are employed in BARC or you or any of your employees were employed in BARC or any other units of DAE.

Encl:  
Schedule of work  
Annexure-1

Yours faithfully,



Rakesh Ranjan  
Decommissioning Suprintendent (Cirus & Apsara)  
For and on behalf of the President of India

Cc:

1. AO (Works)
2. DS (Cierus & Apsara)
3. ROD Office

**राकेश रंजन / Rakesh Ranjan**  
**बिसंयोजन अधीभक, सायरस**  
**Decommissioning Supdt., Cirus**  
**रिप्रप्र, भाषाके / ROD, BARC**

## Schedule of Work

Name of work: "Dismantling and Disposal of Pipelines and Equipment Located at Water Treatment Area and Valve Room"

1	2	3	4	5
Sl. No	Particulars	Qty Kg	Cost per kg	Total cost (3 X 4)
1	Dismantling, removal and packaging of PCW inlet/outlet CS pipeline of 20" diameter and 60 meters length.	15000		
2	Dismantling, removal and packaging of 10" diameter 35-meter length CS pipes of PCW System.	2100		
3	Dismantling, removal and packaging of 2" diameter CS pipes 50-meter length.	500		
4	Dismantling, removal and disposal of 24" diameter 65-meter length CS pipelines from sea water system and disposal to TV Stores.	12000		
5	Dismantling, removal and disposal of 8" diameter CS pipelines 30-meter length & valves from sea water system and disposal to TV Stores.	3000		
Total =				

GST: \_\_\_\_\_

Total (including all of above): Rupees \_\_\_\_\_

(In figures & words)

Date:

Authorised Signature & Seal of Vendor

## Annexure-1

Description and specification of different items of:

### **“Dismantling and Disposal of Pipelines and Equipment Located at Water Treatment area.”**

Following pipelines and tanks are to be dismantled and cut to disposable size and removed from basement and sub-basement for disposal:

- 1.0 The following CS pipe lines of PCW system are to be cut into size of 2 m length, the smaller diameter pipes are to be packed into bigger diameter pipes and seal the opening for disposal as active waste. These will be disposed by the department as active scraps:
  - i. 20” line of 20 m length
  - ii. 10” line of 6 m length
  - iii. 6’ line of 3m length
  - iv. 4” line of 20 m length
  - v. 3” line of 30 m length
  - vi. 2” line of 30 m length
  - vii. 2 ½” line of 3m length
  - viii. 1 ½” line of 45 m length
- 2.0 Dismantling and cutting of CS pipeline of sea water, and SS pipe lines of Helium & heavy water system into size of 2 m length. These pipe lines are to be disposed to TV Stores by the contractor as inactive scraps after confirming with RHC:
  - i. 8” line of 26 m length
  - ii. 4” line of 28 m length
  - iii. 2 ½” line of 20 m length
  - iv. 2” line of 20 m length
  - v. 1 ½” line of 18 m length
  - vi. 1” line of 9 m length
- 3.0 To cut and remove three carbon steel tanks of 3 m x 2 m x 1.5 m size from sub-basement of valve room pack the cut scraps into a package suitable for transportation to active storage area. These will be disposed by the department as active waste.
- 4.0 To cut and remove one tank of 3 m x 1.5 m x 1.5 m size from basement at water seal room. These will be disposed by the contractor to TV stores after confirming with the RHC.
- 5.0 Packing of four tons of active scraps removed from LHR into package suitable for transporting to storage yard.

**Note:**

- i. **All the dismantled pipelines and equipment will be thoroughly checked for radioactivity and contamination. Those scraps found radioactive during checking will be disposed by the department. Packaging of the radioactive pipes shall be done by the contractor as per instructions of the officer in charge.**
- ii. **Those materials found inactive will be disposed by the contractor to TV Stores located 3 km from the site.**

  
M K Ojha (SO/F)  
Officer in charge

