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GOVERNMENT OF INDIA
BHABHA ATOMIC RESEARCH CENTRE
Chemical Engineering Group
Desalination and Membrane Technology Division

Ref: BARC/DMTD/MTS/PB/R&M- /2023/

Date: 11/05/ 2023

To,

Sub: Invitation to submit your quotation

On behalf of the President of India, Head, MTS, Desalination and Membrane Technology Division, Bhabha Atomic Research Centre invites lowest quotation in sealed envelope for the work given below as per the technical specifications enclosed in annexure I.

S. No.	Description of Job	Completion Period
1.	Repair and maintenance of Immersed UF membrane skid system, shifting of the skid unit to Mod lab canteen and Connecting to existing dish wash system.	Four months

The terms and conditions are given below:

- 1. Qualifying criteria for bidders**
 - 1.1 Firms willing to bid for above mentioned job shall have been vetted by Security Section of BARC.
 - 1.2 All the supervisors and workers should have valid Police Verification Certificate (PVC). The list of manpower available with firm shall be submitted along with their details of PVC.
 - 1.3 The past experience of the firm in similar nature in BARC/DAE shall be made available with Work Order copy and satisfactory completion certificate from the user. Also, the list on of going jobs inside BARC premises with expected completion period shall be provided.
 - 1.4 Interested bidders shall contact the undersigned on Phone No. 2559 4730 (Ext. No. 24730) with above mentioned details for getting clarification about the detailed tender specification.
- 2. The quotation envelope shall be superscripted with **Description of the job and the Tender Ref. No.**, mentioned above.**

3. The complete quotation shall reach the following address on or before **02/06/2023 by 16.30 hrs** through **Registered Post/ Speed post only**. The quotations will be opened on the next day in Desalination & Membrane Technology Division.
4. **Printed with Letter Head:** Quotation should be printed on the letter head; computer generated quotation is not valid.

The address on envelop should read as follows.

Head, Desalination and Membrane Technology Division,
Bhabha Atomic Research Centre,
Trombay, Mumbai- 400 085
Attn: Payel Sarkar, MTS/DMTD

5. **Validity of the Offer:** Validity of the offer shall be 90 days from date of opening of quotation.
6. **Guarantee:** Vendor shall have to give guarantee of the quality and workmanship of work done for the period of 12 months from the date of completion of the work.
7. **Quote Format:** Bidder is requested to quote for the above job on lump-sum basis with price format Rs..... (Basic lump sum job cost) + Rs..... Applicable taxes (GST) = Rs..... (Total cost).
8. **Offer of Firm:** Offer of those firms, who do not submit their quotation as per the details given in the technical specification and incomplete quotations in any respect shall not be considered.
9. The department reserves right to extend the date of opening the quotations.
10. **Criteria for Evaluation of Tender:**
 1. Responsiveness of the Quotation: Bid should cover the entire repair and maintenance job in totality for its technical suitability.
 2. Evaluation will be done based on consolidated price.
 3. Technical suitable lowest consolidated offer will be considered for awarding the work order.
11. **Specific Conditions of Tender**

Bidders may visit the skid unit at DMTD, prior to submission of their bid. However, prior visit of the skid unit is not mandatory.
12. **Security Rules:**
 1. Police verification certificates are required for supervisors and labourers deployed at the site.
 2. Security rules and transport rules at BARC, Trombay premises shall be strictly followed.
13. Labourers below 18 years of age shall be not allowed to work at site.
14. **Payment Terms:** Accounts Division BARC Mumbai-400085 shall make payment only after submission of the satisfactory work completion certificate issued from the undersigned, bill, guarantee certificate, delivery challan and advanced stamped receipt. No advance is admissible. Satisfactory completion certificate will be issued only after site clearance.
15. **Income Tax Recovery Clause:** Income tax @ 2% and GST TDS at applicable rate, will be deducted from the bill.

16. If any of the employee, consultant, or partner of the company is an Ex BARC employee, the same must be stated in the quotation clearly.
17. **Penalty:** Any delay which attributable to the contractor is liable for penalty @ 0.5 % per week (max 5 %) to be imposed on contractor.
18. **GST and PAN Number:** Quotation shall consist of GST Registration Number and PAN number of the firm.
19. **Safety & Security Rule:** The vendor shall follow all the safety procedures as per the normal industrial practice during the execution of the job at site. Any mishap occurring during the work due to unsafe workmanship shall be the vendor's liabilities. Security and transportation rules at BARC, Trombay premises shall be strictly followed.

20. Confidential Clauses:

- i. **Confidentiality :** No party shall disclose any information to any third party concerning 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 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, advisors, 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 Secret Act, 1923: Any contravention of the above-mentioned provisions by any contractor, sub- contractor, consultant, advisor or the employee of a contractor will invite Penal consequences under the aforesaid legislation.
- iii. Prohibition against use of BARC's name without permission for any publicity Purpose. The contractor or Sub contractor, consultant, advisor or the employees engaged by the contractor shall not be use any public purposes through any media like press, TV, or internet, without the prior written approval of BARC



Dr.(Smt/) Payel Sarkar
SO/F, MTS, DMTD

Technical Specification

Name of Work : Repair and maintenance of Immersed UF membrane skid system, Shifting of the skid unit to Mod lab canteen and Connecting to existing dish wash system.

Location: Desalination and Membrane Technology Division and Mod Lab, BARC, Mumbai-400 085.

Scope of Work

1. Repair of Immersed UF membrane skid at SWRO pilot plant, DMTD.

The repair job details are as follows.

- 1.1 Overhauling of existing compressor and re-routing of interconnection pipelines.
 - 1.2 Cleaning of existing Feed tank, Product tank and Control panel and relocation of tanks within the existing skid, to fit into allotted area of Modlab kitchen. (1 m x 2 m)
 - 1.3 Replacement of old wheels of the skid and all worn out parts – cleaning, greasing, gasketing and repainting.
2. Shifting of the repaired UF membrane skid to Mod lab canteen and connecting to existing Dish wash system of Mod lab canteen.
- 2.1 Shifting of the skid unit from SWRO pilot plant, DMTD to Mod. Lab designated place.
 - 2.2 Required plumbing piping work to integrate the immersed membrane system with Modlab kitchen utensils washing system.
3. Maintenance of the skid unit at Mod Lab canteen during performance testing of the unit, for a period of 3 months.
- 3.1 Aeration tank is to be cleaned periodically, typically once in a week.
 - 3.2 Membrane cleaning and backwashing assistance, periodically once in two weeks.
 - 3.3 Mechanical maintenance of pumps and compressor during the trial run period of 3 months.

Departmental free issue materials: None

Completion period: Four months

Time Break-up : 1 month for repair & shifting and 3 months run period thereafter.

Inspection: Repair jobs at site will be monitored and supervised by departmental Engineer and has to be up-to the satisfaction of the Engineer.

Security and Safety Procedure: The contractor shall arrange latest police verification certificates for his staffs. Please note that without valid police verification certificate, the Vendor will not be permitted to take up any site work. The Vendor must follow all the security rules and regulations of BARC while working at site, which are quite stringent. The Vendor shall adhere strictly to the work procedure stipulated at site, also follow the safety procedures.

Site Clearance Certificate: Scrap/garbage generated during the execution of work order is to be cleared-off by the contractor. A certificate in this regard has to be obtained from the indenting officer along with job completion certificate. 20% amount of the work order value will be held back till the final disposal of scrap/garbage from the site.

Payel Sarkar