

दूरभाष :

TELEPHONE :

तार : बार्क-मुंबई, चेम्बूर.

TELEGRAMS : BARC-MUMBAI, CHEMBUR.

फेक्स संख्या : ९१-२२-२५५० ५१५१

FAX NUMBER : 91-22-2550 5151



सत्यमेव जयते

भारत सरकार

GOVERNMENT OF INDIA

भाभा परमाणु अनुसंधान केन्द्र

BHABHA ATOMIC RESEARCH CENTRE

URANIUM EXTRACTION DIVISION

ट्रॉम्बे,

मुंबई-४०० ०८५.

TROMBAY,

MUMBAI-400 085

Ref: UED/PI.13/22/35264

Date: 16.3.22

Tender No.: BARC/UED/KRD/21174

Due date: 30/03/2022

TWO PART TENDER

Subject: Fabrication, Supply and Installation of Non-Metallic Valve in place of old damaged or non-working valves for handling 15% to 70% Hydrofluoric Acid at ETP(F), RUMP, UED

Dear Sir/Madam,

Quotations are invited on **behalf of President Of India** in sealed envelopes for Fabrication, Supply and Installation of Non-Metallic Valve for handling 15% to 70% Hydrofluoric Acid at ETP(F), RUMP, UED.

Please note that **quotations should be submitted on printed letter heads and must bear PAN No. / GST NO. etc. Quotations not complying with them are liable to be rejected.**

Scope of work: -

Fabrication, supply and installation of Non-Metallic Valves in place of old damaged or non-working valves at ETP(F), RUMP, UED.

- Fabrication of Non-metallic valves as per given technical specification and quantity (Table1, 2 & 3).

- Old damaged or non-working metallic valves are to be replaced with suitable non-metallic valves.
- During replacement if needed fabrication job like reducing, extending, welding etc. of existing pipe line and pipe fittings is under scope of vendor.
- Fluid to be handled 15 % to 70 % Hydrofluoric Acid.
- Only manufacturers or authorized agencies can quote for this tender.
- All the material will be inspected at parties' premises in the presence of our representative before delivery.
- Vendor shall submit the test report at the time of inspection.
- No free issue material will be provided by UED/BARC.
- The vendor must be well experienced and have a previous experience of similar jobs (**Hydrofluoric Acid related jobs**). The vendor should be able to present evidence of their work if the department requires them to do so for technical assessment.
- Quality of materials of construction and standards (Indian/International) are to be strictly followed.
- Material will be inspected at party's premises in the presence of our representative.
- Materials should be purchased only from the authorized manufactures/stockiest/dealer.
- The requirement is urgent in nature and efforts should be made to deliver the material before work order time period.
- All transportation, transit insurance, loading, unloading, handling, packaging charges will be in vender's scope.
- All charges, taxes and duties should be mentioned clearly in offer.
- Use wooden boxes for packing material with proper tagging, marking and quantity should be done on the top of each box.

Table 1: Description and Quantity:

Sr No	Description	Size (Inches)	MOC	Quantity
1	Diaphragm valves	2	PVDF	10
2	Spare Diaphragms	For 2" valves	Nitrile-Teflon coated	10
3	Ball valve	2	PVDF	10
4	Ball valve	1	PVDF	30
5	Nonreturn valve	2	PVDF	2
6	Ball Valve	1.5	PP	15
7	Ball Valve	1	PP	30
8	Ball Valve	2	PP	20
9	Nonreturn valve	2	PP	2
10	Bucket Strainer	As per drawing*	PVDF	3

*Drawing will be provided to eligible vendor.

Table 2: Technical Data of Valves:

Description	PP Ball Valve	PVDF Ball Valve	PVDF Diaphragm Valve
MOC	PP	PVDF	PVDF with Nitrile-PTFE coated diaphragm
Design	3 piece	3 piece	2 piece
End connections	Flanged capsule hole ANSI B	Flanged capsule hole ANSI B	Flanged ANSI B 16.5(150#) & BS10

	16.5(150#) & BS10 & DIN STD	16.5(150#) & BS10 & DIN STD	& DIN STD
Construction	3 pc, 1 pc stem, full bore, Teflon seated	3 pc, 1 pc stem, full bore, Teflon seated	Weir type, soft sealed, raising stem
Working Temp. (Max.)	80 °c to 120 °c	80 °c to 120 °c	80 °c to 120 °c
HST test pressure	6 Kg/cm ²	6 Kg/cm ²	6 Kg/cm ²

Table 3: MOC for parts of Valves:

Sr No	Description	PP Ball Valve	PVDF Ball Valve	PVDF Diaphragm Valve
1	Flanged Ends	PP	PVDF	PVDF
2	Body	PP	PVDF	PVDF
3	Ball	PP	PVDF	PVDF
4	Stem/Spindle	PP with MS	PP with SS	PP With SS
5	Seal Ring	PTFE	PTFE	PTFE
6	Side piece 'O' Ring	Neoprene	Neoprene	Neoprene
7	Stem seal Ring	PTFE	PTFE	PTFE
8	Stem 'O' Ring	Neoprene	Neoprene	Neoprene
9	Stud, Nut & Washer	SS	SS	SS
10	Handle	MS PP coated	MS PP coated	MS PP coated
11	Handle Hex. Pin	SS	SS	SS
12	Handle cap	PP	PP	PP
13	Nut cap	PP	PP	PP

Tendering Procedure:

Two Part Tender

The tender will be opened in two parts

1) Part A – Technical bid (should not include the quoted price)

2) Part B – Price bid.

Hence, the vendor has to submit the quotations against this tender in two separate sealed envelopes clearly mentioning Tender No, Part A and Part B on the envelope. Both the envelopes should be posted in single bigger envelope and Tender No., and due date should be written on top of the main envelope.

Part A will be opened as per due date; Part B will be opened only after scrutinizing the technical part by the appropriate committee or authority. Only the Part B of technically suitable offer will be opened for further processing.

General Terms and Conditions:

- a. Party should clearly mention the tender no., due date, party's name and subject on the top of the envelope duly sealed and addressed to Head, UED, BARC, Trombay, Mumbai – 400 085.
- b. Sealed quotations should be reached UED office on or before due date by registered or speed post only.
- c. Hand delivered quotation or quotations will not be entertained in our office.
- d. Vendor/Contractor should have pre-cleared Security Vetting of his company/Firm as per BARC Security rules.
- e. All workers/labors of the Vendor's/Contractor's Company/Firm should have valid PVC not expiring during the tender period (i.e., from the date of issue of this enquiry till completion of job after getting work order).
- f. All workers/labors given by the Vendor/Contractor for execution of job in this tender should have proper PPE (viz., Helmet, Full Face Mask with Dust Canister, Rubber Hand Gloves, Hot Job Application Hand Gloves, Cotton Hand Gloves & safety Shoes) and Boiler Suits. Arrangement for all above shall be made by Vendor/Contractor.

During evaluation of the offers, these guidelines will be checked thoroughly and final acceptance of the offer will also be considered based on the above conditions.

1) GUARANTEE

The supplier shall guarantee against any manufacturing defect and trouble free performance for a period of **one year** from the date of the receipt of the material.

2) DELIVERY

Within **Three month** from the date of receipt of the work order.

3) PRICE

Price should remain firm throughout the contract.

4) INCOME TAX

Income Tax @ 2% and GST TDS @ 2% shall be deducted from vendor's bill.

5) PAYMENT

100% after satisfactory completion of work and submission of the following documents

- Original bill with tax detail separately each in triplicate.
- Delivery challan.
- ECS mandate documents with undertaking form .
- Guarantee certificate.
- GST related documents.

6) **Free issue material:** Not applicable.

TERMS AND CONDITIONS

Note: [Reference: (2/Misc-9/LgU2001I92 dated April 30, 2001, BARC)]

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 "Propriety" 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.

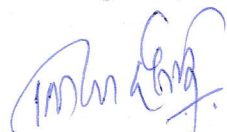
II. "Restricted information" categories under Section 18 of the Atomic Energy Act. 1962 and "Official Secrets" under Section 5 of the Official Secrets Act. 1923:-

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, TV or Internet without the prior written approval of BARC.

Thanking You,



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Dr. Y. S. Ladola, SO/F