



Government of India
Bhabha Atomic Research Centre
Atomic Fuels Division

Ref: BARC / Tender / AFD / ESAS / 2022 /

February 18, 2022

Tender Enquiry

Sub: Works contract for “Fabrication & Supply of Radioactive Solid Waste Disposal Drums, as per specifications”

Sealed quotations are invited for & on behalf of the President of India for works contract of “Fabrication & Supply of Radioactive Solid Waste Disposal Drums, as per specifications”.

The specifications and general Terms & Conditions are given in Annexure - I & II.

1. This Tender will be processed in Two-Part Bid System.
2. The Tender submitted should have two separately sealed envelopes viz.
 - 2.1 First Envelope shall contain Technical Bid (Part - A). “**Technical Bid (Part - A)**” must be written on the Envelope.
 - 2.2 Second Envelope shall contain Commercial Bid (Part - B). “**Commercial Bid (Part - B)**” must be written on the Envelope.
3. The sealed Technical Bid (Part - A) shall contain Technical details of the offer and compliance with respect to our technical requirement, clearly mentioning deviations, if any.
4. The sealed Commercial Bid (Part - B) shall contain the detailed quotation including basic cost, applicable taxes and commercial terms and conditions.
5. Sealed envelopes of the Technical Bid (Part - A) and the Commercial Bid (Part-B) shall be kept in a Single Sealed Cover/Envelope, which shall be treated as your offer against our enquiry.
6. Offers received as (i) Technical and Commercial part in one bid, or (ii) Technical and Commercial bids in single envelope or (iii) unsealed bids will be treated as Invalid and no further communication will be made to the vendor.

7. Your offer in sealed envelope bearing “**Tender Enquiry No. & Due Date**” should be sent to following address, so as to reach **on or before 01/03/2022 by Registered / Speed Post only.**

Hariom Sharma, TO/D
Engg. Services & Automation Section
Atomic Fuels Division
Bhabha Atomic Research Centre
Trombay, Mumbai - 400 085

8. **Offer received through courier or person or after Due Date will be treated as Invalid.**

**Hariom Sharma
TO/D, ESAS / AFD**

Specifications of Radioactive Solid Waste Disposal Drums

1. Scope of work and general description

The scope of work involves Fabrication & Supply of Radioactive Solid Waste Disposal Drums.

2. General description

The drums are intended for safe handling & storage of radioactive solid wastes. Accordingly, these shall be suitably fabricated for handling & containment of the solid wastes, during the storage as well as transits. The drums shall be adequately strengthened / reinforced to withstand the induced stresses. Further, the drums shall be fully openable at the top, and therefore, shall have suitable cover and sealing mechanism.

3. Technical Specifications

These Technical specifications are meant for the fabrication & supply of Radioactive Waste Disposal Drums.

Description	:	Radioactive Waste Disposal Drums
Quantity	:	225 Nos.
Material of construction	:	Carbon steel
Working Load	:	2000 N (Static) & 500 N (Dynamic)
Volume	:	0.20 m ³ (≈ 200 liters)
Height	:	≈ 1.0 meter
Reinforcements	:	As required
Sealing mechanism	:	To be proposed by the vendor

4. Fabrication

All fabrication shall be as per ASME Section VIII Div. 1

4.1 Welding procedure and welders shall be qualified as per as ASME SECTION IX Prior to production welding.

4.2 All the welding on MS to MS shall be done by SMAW using E6018 / E7018 welding electrodes.

5. General Requirements

5.1 All surfaces of containers shall be painted with YELLOW synthetic enamel paint after two coats of red oxide primer. AFD and Radioactive symbol in RED colour, shall be marked on the lateral surface of the drums.

5.2 The sizes & details given in the technical specifications are approximates only.

6. Inspection and final acceptance

- 6.1 Physical verification of all items as per approved drawings and technical specifications.
- 6.2 All weld surfaces shall have a smooth finish for easy decontamination.

7. Terms & Conditions

7.1 Offer evaluation procedure:

Only Valid Technical bids will be opened first and evaluated Commercial bids of only technically qualified vendors' will be opened and the lowest quoted offer shall be recommended for placing the work order. For technical evaluations, all Vendors will fill & submit the attached Annexure – II.

- 7.2 The work completion period is TWO months from the date of issue of work order.
- 7.3 Any delay which is attributable to the contractor is liable for penalty @ ½ % per week (max. 10%) to be imposed on the contractor.
- 7.4 In case of delay in work completion, supplier may send request letter to concerned authority for extension in work completion period with proper justification for delay in work. Concerned authority may or may not give extension with or without penalty depending on the justification for delay.
- 7.5 Income Tax & TDS as applicable, shall be deducted from the supplier's bill.
- 7.6 Supplier should give guarantee for a minimum period of One Year for satisfactory performance and the workmanship.
- 7.7 Contractor may furnish their PAN no. & copy of Sales Tax/ Service Tax Registration Certificate.
- 7.8 100% payment will be arranged after satisfactory completion of work at AFD and on submission of:
 - a) **Bill / Invoice in triplicate**
 - b) **Advanced Stamped receipt /**
(ECS / RTGS option & pre-stamped receipts)
 - c) **Guarantee Certificate**
 - d) **Delivery Challan (if any)**
 - e) **ITR Compliance Form**

8. Confidentiality clause

- No party shall disclose any information to any third party concerning the matters under this contract generally. In particular, any conformation identified as "Proprietary" in nature by the disclosing party shall be kept strictly confidentiality 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 of 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, T.V. or Internet without the prior written approval of BARC.

- 9. Contractor shall have to carry valid Photo identity card (Driving license, passport, Aadhaar card) while visiting this premises. Failing to bring valid identity cards, vendors will not get access into our premises. Further, entry permits will not be arranged for next dates if vendors unable to visit the site on permitted dates for any reasons. Contractor should not carry any type of electronic items such as mobile, pen drive, camera etc with him/her at the time of visit.

10. Quotations shall be on printed letter head / quotation format which should consists of GST registration number, PAN of the firm etc. Quotations received in computer generated form will be considered as invalid & rejected.

Hariom Sharma
TO/D, ESAS, AFD

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Surendra Kumar
Head, Engineering Services & Automation Section
Atomic Fuels Division
(For & on behalf of The President of India)