

**Government of India
Bhabha Atomic Research Centre
Chemical Technology Division**

Date: 01/02/2018

Ref: ChTD/MDS/VSK/2018/98

Tender Enquiry for minor fabrication work

Technical Specification-Annexure-1

A. work:

1. Supply, fabrication of Mass Transfer equipment, relevant accessories.

Description of equipment	Quantity	Remarks
Glass jacketed reactor with 3 Necked lids, 5 Thermowells, 2 Sample collection port, Bottom and top Teflon guide to avoid leak, Sample collection port with Flash bottom valve, Water inlet and outlet and Teflon coated stirrer and Capacity approx. 300 ml.	1 SET	Any deviation from specification will be approved with prior Permission of indenter before start of fabrication.

2. Specification for Mantle heater split furnace and tape heater.

Annexure-1			
Sr No.	Item Description	Size	Quantity (Numbers)
1	Nichrome wire tape heater suitable for ½" glass line 0.5kw	2 m	4
2	Nichrome wire tape heater suitable for ½" glass line 1kw	2 m	3
3	Split Furnace (0.5 KW&300mm length) for SAD column	As per sketch no. SPLIT FURNACE14	3
4	Split Furnace (0.5 KW&250mm length) for SAD column	As per sketch no. SPLIT FURNACE14	3
5	Mantle heater with open bottom side (1 liter)	1 KW	3

B. NOTES:

1 Workmanship and finish shall be equal to the modern shop practice and shall be in accordance with the regulatory requirements.

C. General notes:

1. All supply from the fabricator shall be guaranteed for a period of 12 months from the date of supply.
2. The work carried out by fabricator shall be subjected to inspection by the user before acceptance.
3. Any delay which is attributable to the fabricator is liable for penalty @ 0.5% per week (max.5%) to be imposed on fabricator.
4. In case any extension to be granted to the contractor, party's request for extension may be called for before expiry of work order. The same may be justified by the division, whether extension granted is with or without levy of liquidated damages.

5. BARC shall not be held responsible for occurrence of any accident/personal damage during execution of work order and department will not be liable to pay any compensation.
6. Quotations without PAN number & GST number shall not be accepted.
7. The bidder shall deliver the finished components after approval by our representative, within one month from the date of the firm purchase order issued to the bidder. The finished components shall be delivered by the bidder at Chemical Technology Division, Bhabha Atomic Research Centre, Trombay, Mumbai-400 085.
8. Party can contact on **telephone no. 022-25591868/ 1984** for scope and detail of work to Shri Vishal Kambli.
9. The quotations in sealed envelope super scribed with the title of work, reference no. and stipulated due date must be dispatched by Indian post (Speed Post) should reach to **The Head, Chemical Technology Division, BARC, Trombay, Mumbai-400085 by 15/2/2018 at 14:00 hrs.**
Attn: Mr. Vishal Kambli,
10. Head Chemical Technology Division, BARC reserves the right to accept or reject any or all quotations without assigning any reason.

D. Terms of payments:

1. No advance payment shall be made.
2. Full payment shall be made after completion of entire work specified in work order.

E. The following confidentiality clause shall be maintained

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

2. "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 the contractor will invite penal consequences under the aforesaid legislation.

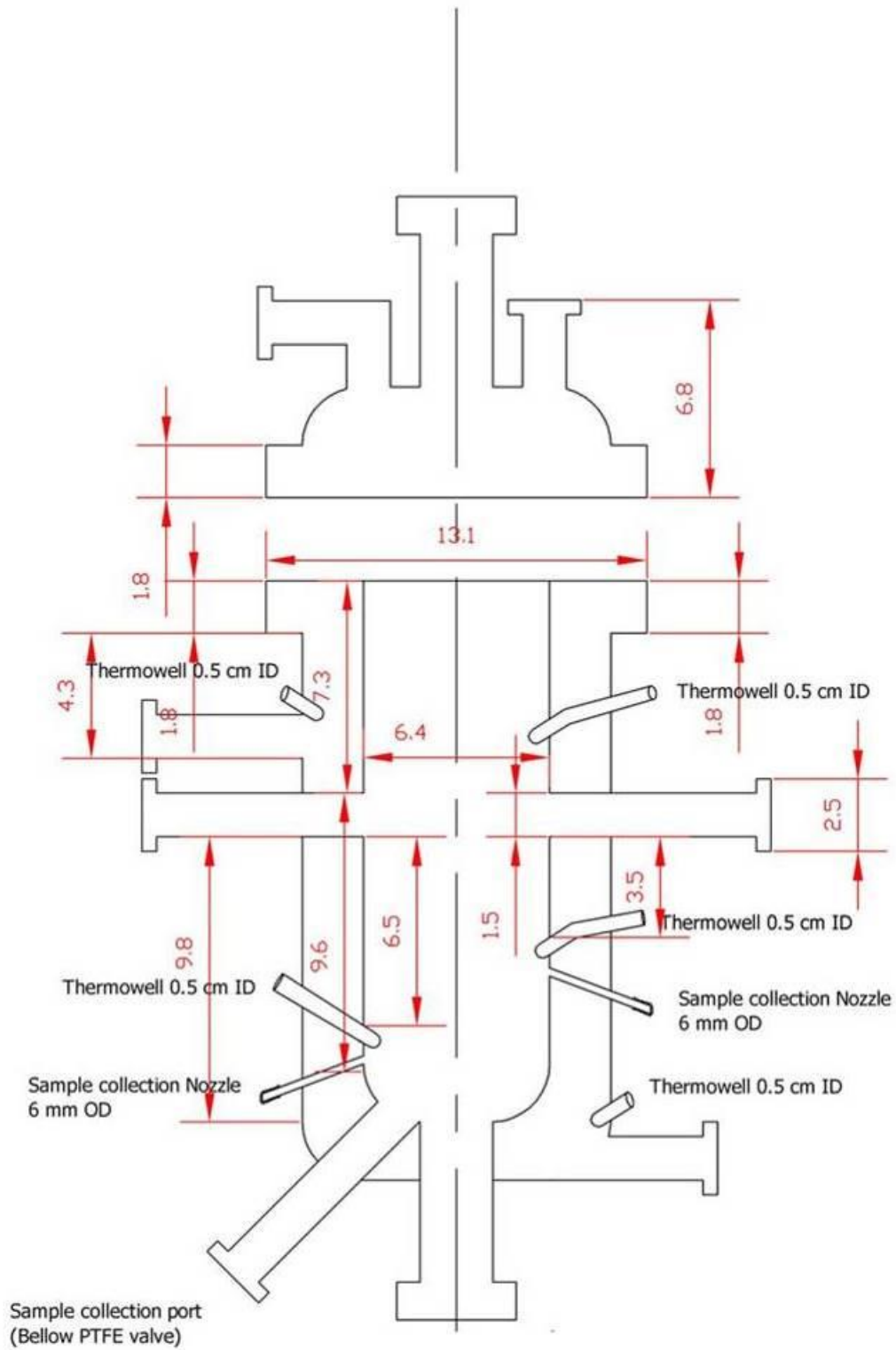
3. Prohibition against use of BARC's name without permission for publicity purposes :-

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. and Internet without the written approval of BARC.

(Mr.Vishal Kambli)

For and on behalf of.
Head, Chemical Technology
Division

MASS Transfer Equipment



Sketch No- Split Furnace 14

