

दूरभाष :  
TELEPHONE : 5505050/00/10,5563120 extn.4852  
तार : बार्क-मुंबई, चेम्बुर.  
TELEGRAMS: BARC-MUMBAI, CHEMBUR.  
टेलिक्स : ०११-६१०१७/०११-६१०२२ बार्क ईन  
TELEX: 011-61017/011-61022 BARC IN  
फैक्स संख्या : ९१-२२-५५६०७५०  
FAX NUMBER: +91-22-5505151/5519613



सत्यमेव जयते

भारत सरकार

GOVERNMENT OF INDIA

भाभा परमाणु अनुसंधान केन्द्र

BHABHA ATOMIC RESEARCH CENTRE

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

Ref: UED/PL.13/19/90887

Date: 13.05.2019

To,

**Subject:** Design, fabrication, supply, testing of chiller unit with header and condenser for Hydrofluoric Acid Carboy.

**Tender no: BARC/UED/SSK/19035**

**Due date on: 27.05.2019**

**Dear Sir,**

Quotations are invited in sealed envelope for and on behalf of The President of India acting through Head, UED for the above stated subject job as per the following terms and conditions. Please note that quotations shall be submitted through speed post on printed letter head and must bear PAN no/GST no./TIN no etc. Quotations not complying with them are liable to be rejected.

**Scope of work:**

1. **Job Description:** Design, fabrication, supply, testing of chiller unit and condenser pad with header for Hydrofluoric Acid Carboy as per following specifications.

a. Chiller unit:

- Nominal cooling capacity: 3 TR
- Compressor should be from reputed make like Danfoss or equivalent.
- Refrigerant: R410A (Puron)
- Temperature range: 25°C to 5°C
- Interlock facilities for safe working of Chiller unit should be incorporated.
- Chill water storage tank ; storage capacity: 50 liter and MOC :SS304L/SS316L
- Chilled water circulation pump: 2 HP Crompton or Kirloskar make chill water circulation pump.
- Quantity: 1 set

b. Condenser pad:

Condenser pads should be easily detachable from Condensate carboy and its nozzle, Alkathene hose. There should be provision for chilling water in and out to Condensate carboy and its nozzle, Alkathene hose from chilling unit with proper arrangement of header. Drawing of condensate carboy is attached for ready reference.

- Quantity: 1 Set

c. Chill water circulation header:

Chill water circulation header should be provided as per site requirement. Total Piping length is around 50m.

- MOC: SS316/SS316L(if available)
- Pipe size: 0.5" NB
- Insulation : All chill water line should be insulated with Elastomeric Nitrile Foam tube

**Party can visit the Plant for better understanding of scope of work before sending the quotation.**

**Note:**

1. **Charges:** Basic cost, taxes, Govt. levies and transportation. Complete breakup may please be given in the offer.
2. **Delivery: Within 60 days**
3. **Inspection:** Material will be inspected at Vendor's site before dispatch.
4. **Site Inspection:** Preliminary discussion shall be carried out with our representative before execution of site work.
5. **Guarantee:** You shall give guarantee against any manufacturing defect and trouble free performance for a period of one year from the date of fabrication/modification.
6. **Deduction of Income taxes: Income Tax @ 2% will be deducted from your bill.**
7. **Payment:** 100% through ECS after satisfactory completion of work and submission of the following documents. Octroi duty and excise duty exemption certificate will be issued if asked for in the offer.
  - Original Invoice
  - Delivery challan
  - Guarantee certificate
  - GST Undertaking.
  - Advance stamped receipt
  - ECS mandate form
  - PAN/GSTN/TIN Number etc.

Please note that any delay, which is attributable to the party, is liable to penalty @ 0.5% per week (max. 5.0%) to be imposed on the contractor.

**6. TERMS AND CONDITIONS:**

**Note: [Reference: (2/Misc-9/Lgl/2001/92 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, T.V. or Internet without the prior written approval of BARC.

**Quotations should reach on or before the stipulated date to Head, UED in sealed envelope through speed post or ordinary post mentioning clearly the tender no and due date.**

Thanking you,

SD. /-  
S.S.Kulkarni,SA/F

SD/-  
Dr.Y.S.Ladola, SO/F