

**GOVERNMENT OF INDIA  
BHABHA ATOMIC RESEARCH CENTRE  
ATOMIC FUELS DIVISION**

Ref: AFD/TSS/TE/19/ 71605

15/04/2019

Sub: Tender enquiry for supply, installation and commissioning of cooling system for electrical control panel in various furnaces of AFD

Sealed offers are invited for and on behalf of The President of India for supply, installation and commissioning of cooling system for electrical control panel in various furnaces of AFD.

Scope of work, terms and conditions are as follows.

**Scope of work:**

- 1) Supply, installation and commissioning of cooling system for electrical control panel of Aurora vacuum furnace, vacuum melting furnace and arc melting furnace of AFD— Total Qty. 10 Nos.

Features: Front Panel Display- LED, Auto Restart, self diagnosis, easily removable panel, memory feature, night glow buttons on remote, LCD remote, fresh air-ventilation, auto air swing, Control console – Remote control, energy rating- 3 star, Refrigerant – R22 or equivalent, Compressor – High EER Rotary, Colour – White powder coated and anti corrosion treatment for ODU , condenser- copper, sound level- 50 dB maximum.

Required Temperature inside control panel room- 15° C minimum & 25° C maximum.

Technical Specifications:

- a) For Aurora vacuum furnace: Capacity – 2.0TR, split type, air circulation indoor – 1100CMH ---- Quantity 1 no.
- b) For Vacuum melting furnace: Capacity– 1.5TR, split type, air circulation indoor – 850 CMH ---- Quantity 3 nos.
- c) For Arc melting furnace: Capacity – 1.5TR, window mounted type, air circulation - 700 CMH ----- Quantity 6 nos.

**Terms and Conditions:**

1. Work completion period is **60 days** from the date of issue of this work order.
2. Taxes if any shall be specified separately.
3. Necessary TDS Exemption certificate shall be issued by the department, if required. For this 15 days advance intimation is required from your end.
4. The offer should **clearly/ separately** mention the basic cost of supply, GST etc.
5. The offer should also contain the work completion period.
6. Supplier shall give guarantee for a minimum period of one year for the system and workmanship after execution of work and five years for compressor used in system.

7. Any delay which is attributable to the supplier in executing the work is liable for penalty @ ½% per week (max 5%) to be imposed on the contractor.
8. In case of delay in work completion, supplier may send request letter to purchaser for extension in work completion period with proper justification for delay in work. Purchaser may or may not give extension with or without penalty depending on the justification for delay.
9. 100% payment will be arranged after satisfactory completion of work at AFD and on production of bills in triplicate, advance stamped receipt, guarantee certificate.
10. Supplier shall obtain Police verification certificate for all his employees engaged in the work.
11. Supplier shall take all safety precautions while working in the department and shall be responsible for any incident happened in the department related to this work. No compensation shall be liable by the contractor for any accidental claim
12. Income Tax @ 2%, surcharge on IT & Education cess as applicable shall be deducted from the bill.
13. Supplier must furnish their **PAN no. & copy of GST Registration Certificate.**
14. The upkeep of area is the responsibility of supplier. Any unwanted or extra materials shall be kept at designated area which will be shown by departmental supervisor.
15. **Sealed offer shall reach on or before 30/04/2019 by registered/ speed post**  
To,  
P.T. Pophalkar SO/F,  
Technical Services Section,  
Atomic Fuels Division,  
BARC, Trombay, Mumbai-400085
16. The supplier shall have to visit the site to comprehend the scope of work. The same will be arranged by the undersigned. The site can be visited between **22/04/2019 to 23/04/2019** between **10.00 hrs to 14.00 hrs.** on working days. However, prior intimation (e-mail: \_\_\_\_\_, Tel no: **022-25594964**) of at least three working days is necessary.
17. The quotations submitted without site visit will not be considered.

#### **CONFIDENTIALITY CLAUSE**

##### **Confidentiality:**

No party shall disclose any information to any third party concerning the matter under this contract generally. In particular, any information identified as "proprietary" in nature by disclosing party shall be kept strictly confidential by the receiving party and shall not be disclose 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 employers engaged by a party with equal force.

"Restricted information" categories under section 18 of 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, consultants, advisors or the employees of the contractor will invite penal consequences under the aforesaid legislation.

Prohibition against use of BARCs name without permission for publicity purposes.

The contractor or sub-contractor, consultant, advisor or the employees engaged by the contractor shall not use BARCs name for any publicity purposes through any public media like press, radio, T.V. or internet without the prior written approval of BARC.

The above mentioned confidentiality clauses, may please be invariably incorporated in future contracts.

*Poph*  
15/4/19  
(P.T. Pophalkar)  
SO/F  
TSS, AFD