

Enquiry Number: **ChE/AS/June-12/01**  
Closing Date: **17/6/12**

Quotations are invited for the purchase of Chiller of following specifications to be used with High Temperature Furnace of 3000 C

**System Specifications :**

Cooling Capacity: 180000 BTU/hr (Approx 45 kW)  
Flow rate: Upto 7000 LPH  
Water Pressure: 3 bar  
Storage: 500 Ltrs. in S.S.  
Sheet Metal: SS or M.S. Powder Coated  
Condenser: Air Cooled  
Insulation: Poly Nitrile Rubber Sheets

Pipe line 3/4" diameter, female thread at the end

Control Panel should be complete with Temperature Controller, Contactor, Indicator Lamps MCB, Fuses Toggle & Rotary Switch, Overload, Timers etc.  
Safety with interlocks: High 30° temp and Low 5° Temperature cut, HP/LP Cut, Water low level alarm, low water cut, over load cut etc.

**Terms and Conditions**

1. Offer must clearly specify the dimensions of the system
2. Power requirements: single/three phase, Voltage and Current
3. Warranty period: Comprehensive warranty for three years inclusive of all spares after installation of the system required.
4. Annual Maintenance charges after warranty period-Comprehensive/Labor (Specify unlimited/fixed/breakdown visits)
5. List of (a) consumables and (b) items required for periodic replacement and their availability in stock in India. If needed whether these spares/accessories are available in India with your agents. If not, what is the minimum lead time required to supply them?
6. Delivery period (should not be more than 3 weeks)
7. Agency Certificate is mandatory in case of foreign principle.
8. Kindly provide prices for FOB to nearest airport and CIP New Delhi separately. Indian manufacturer should quote for FOR IIT Kanpur basis.

Quotations will be void if any points laid in terms and conditions section are not met or system is not technically suitable.

Kindly send your offer in a sealed envelope marked "labeled **"Tender Enquiry No: ChE/AS/June-12/01 Dated: 08-06-12"** so as to reach us on or before **June 17, 2012** to the following address:

**Prof. Ashutosh Sharma**  
**Department of Chemical Engineering**  
**Indian Institute of Technology Kanpur**  
**Kanpur 208016 INDIA**

For any kind of technical clarification feel free to contact Mr. Dinesh Deva at [ddeva@iitk.ac.in](mailto:ddeva@iitk.ac.in).