

**INDIAN INSTITUTE OF TECHNOLOGY
HAUZ KHAS, NEW DELHI-110 016**

Date: 02-01-2018

NOTICE INVITING QUOTATIONS

Subject: **1.0 TR Water Chiller**

Indian Institute of Technology Delhi invites sealed tender offers in two bid format (Technical bid and Commercial bid) from eligible and experienced OEM (Original Equipment Manufacturer) OR OEM Authorized Dealer for one 1.0 TR Water Chiller with three years on site comprehensive warranty from the date of receipt of the material as per terms & conditions specified in the tender document. The sealed quotations and additional information should reach by **5:00 PM on 19 January 2018 (Friday)**.

S. No.	TECHNICAL SPECIFICATIONS	Qty.
1.	<p>1.0 TR Water Chiller System Type: AIR COOLED a) Cooling Capacity(KCAL/HR): ≥ 3000 b) Fluid: Water c) Flow Rate (LPH):600 d) Chilled Water Return Temperature: 15°C e) Chilled Water Supply Temperature: 10°C f) Condensing Temperature: 54°C g) Evaporating Temperature: 7.2°C h) Refrigerant: R 22 i) Refrigeration Load : 1. 0 TR j) Cooling Water Reqd. (LPM): NA, AIR COOLED k) Evaporator: COIL IN TANK l) Condenser: FINNED TUBETYPE m) Control: FULLY AUTOMETIC n) Safety Interlocks: HP & LP SWITCH, HP & LP GAUGE, DTC,WATER FLOW FAILURE TRIP, COMP. OVER LOAD TRIP ETC. COMPRESSOR Make: RENOWN BRAND Type: RECIPROCATING SEALED ELECTRICAL SPECIFICATIONS a) Power Supply: 230V/1/50HZ AC b) Power Consumption For Compressor: 1. 42 KW c) Recirculation Pump + Fans: 0. 62 KW d) Protection: IP 54 GENERAL CONDITIONS a) Design Temperature: 45°C AMBIENT (Max.) b) Noise Level: ≤ 85 DB AT 1M DISTANCE c) Condenser Fan Control: AUTOMETIC d) Condenser Fan Type: AXIAL e) Overall Dimensions (L* W*H): 12 0.0 x 83. 0 x 15 0.0 cm Installation: Installation should be carried out by trained personnel. Installation includes complete fitting, fixing and testing. Warranty: Three Years</p>	One

Terms and Conditions

Sealed quotations are to be submitted in two separate envelopes super-scribed as: Envelope-A: Technical Quote and Envelope-B: Financial Quote. For details see ANNEXURE– I. Both these envelopes should be enclosed in an outer envelope, which should also be sealed and clearly mentioning on top right corner of the envelope "**1.0 TR Water Chiller**".

The sealed envelope should be submitted by 19 January 2018 (1700 hours) to:

Prof. R. K. Soni
Department of Physics
Indian Institute of Technology,
Hauz Khas, New Delhi - 110016

ANNEXURE-I

Envelope A: Technical Quote: The following details are to be enclosed:

1. A compliance chart based on the specifications as per the NIQ.
2. List and addresses of organizations where similar items have been supplied in last 3 years in India.
3. Catalogue of the item.
4. Sole agency certificate on the letterhead of the principal company if quote is for imported material to be supplied through Indian Agent, or if quotation is from an Indian Agent.

Envelope B: Financial Quote: The following details are to be enclosed:

1. The validity of the quotation must be at least 3 months from last date of receipt of quotations.
2. Prices should be quoted CIF IIT Delhi.
3. The prices quoted must include charges of delivery at IIT Delhi.
4. The compliance certificate should be provided.
6. IIT Delhi reserves the right to cancel any or all quotations without assigning any reason thereof. IIT Delhi does not encourage any advance payment and payment will be made after delivery and successful installation.
7. The supplier should be able to supply the quoted material within 15 (fifteen) days of date of purchase order.
8. If some specifications are not being met, deviations may be clearly stated. In the unlikely event that none of the vendors are able to meet all the specifications, the committee reserves the right to waive or relax any of the requirements at the technical evaluation stage.
9. The Quotation received after due date will not be considered.