

	<p style="text-align: center;">INDIAN INSTITUTE OF TECHNOLOGY MADRAS Chennai 600 036</p> <p style="text-align: center;">Telephone: [044] 2257 4303/9798/9723 E-mail: tender@imail.iitm.ac.in / arpp@iitm.ac.in</p>	 <p style="text-align: center;">TUV CERT EN ISO 9001 Certificate : 041009423 RWTUV</p>
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27.11.2019

Department of Civil Engineering

Corrigendum-2

Tender Reference no: CIE/MANU/050/2019

Name of the Item: 60TR WATER CHILLER

Corrigendum details: Additional information to technical specification & due date extension

- The additional information (technical specifications) for the 60TR WATER CHILLER has been enclosed
- The submission date for the above mentioned tender has been extended to 05.12.2019 at 3 PM.

Bid opening on 06.12.2019 at 4 PM.

All other terms and conditions remain the same.

Tender Inviting Authority:


The Senior Managers
Project Purchase,
IC&SR Building, IIT Madras
Chennai 600036

AMENDMENT

In Point 2.5 on noise level during operation, “< 60 dBA” shall be read as “< 70 dBA”

ADDITIONAL INFORMATION

1. It is an air-cooled water chiller. This means, the condenser is an air-cooled one, and the circulating cooling medium is water. Technically, it is air-cooled.
2. Heat removal capacity of chiller unit would be around 210 kW, with minimum continuous operation period of 7 days. The design of the chiller unit (operational and standby components) must satisfy this requirement.
3. Tank for expansion or storage is “not” available with IIT Madras. Essential water storage arrangement along with the accessories such as float switch, sensor, level indicator etc., should be provided by the supplier, in concurrence with the design of their chiller unit.
4. Primary and secondary chilled water circuits shall be designed, if the design based on the relevant codes and standards necessitates them. They shall be omitted if there is no mandatory clause. However, the design should ensure the safety of the unit on the occasions of variations in process flow.
5. Scope includes supply, installation, testing and commissioning of chiller with pumps.
6. Field piping and refrigeration are included in the scope of the work. Approximately 30 m pipe line is required for both inlet and outlet functions (15 m for inlet to chiller / 15 m for outlet to chiller from HPU). Supplier is requested to visit the installation site to examine and understand the routing arrangement.
7. Flow control valve is required at chiller outlet, to control the pressure around 35 psi. However, the differential pressure between chiller and pipe line (Hydraulic pressure unit) should be 35-45 psi.
8. The requisite 60 TR chiller will serve for single terminal only (HPU for MTS machines).