



INDIAN INSTITUTE OF TECHNOLOGY KANPUR
DEPARTMENT OF CIVIL ENGINEERING

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STRUCTURAL ENGINEERING LABORATORY

October 27, 2017

Enquiry no. CE/STR/2017-18/OCT/04

Sealed quotations are invited for the supply and installation of the following equipment along with all relevant accessories.

1. Curing Tank for Concrete/Mortar cubes with following specifications: 1 no.

- i. Capacity: [Internal dimensions: 600 X 600 X 450 mm (LXDXH)]
- ii. Working Temperature range: 20°C to 100 °C (+/- 1°C)
- iii. PID Profile Temperature Controller (Eurotherm 2604 or equivalent)
- iv. Double walled, inner made of thick gauge Stainless steel sheet SS-304, Argon arc Fusion welded. Rigid construction, Outer of Angle Iron Frame work supported with Mild steel sheets nicely painted from outside. Thick layers of graded insulation are filled between the walls to prevent thermal losses.
- v. Overflow valve and Drain Valve
- vi. Circulating Pump cum stirrer Unit with continuous duty Motor to maintain Uniform Temperature in the tank

2. Laboratory High Temperature, Modular, Asbestos Free, Electrically Heated, Rectangular Box Type, front loading Furnace: 1 no.

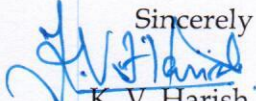
- i. Capacity: [Internal dimensions: 300 X 200 X 200 mm (LXDXH)]
- ii. Working Temperature range: 1100 °C (+/- 1°C)
- iii. PID Profile Programmer with 8-10 steps to perform the required heat ramp rate controlling profile. (Eurotherm 2604 or equivalent)
- iv. 01 nos. SS304 loading tray with 50 kg load capacity
- v. Furnace is constructed on heavy angle iron frame and is surrounded with thick gauge MS sheet, which is reinforced with thick front steel plate. Outer body is welded and bolted nicely with angle iron frame. The exterior is nicely painted with heat resistant paint. Inner body is made from high purity high grade special Refractory material of proper thickness so that the furnace can withstand the working load at maximum temperature.

Kindly send your offer (original, signed with the name of signing authority) in a sealed envelope, for the above items mentioning the following:

1. Cost of the item (mention cost of each item separately) including installation charges with technical specifications in detail
2. Cost of the accessories are to be mentioned separately
3. Warranty period, Delivery time, Payment terms etc.
4. Educational discount considering usage for teaching and research
5. Any other relevant details.

An early reply latest by **14 November 2017** will be highly appreciated.

Thanking you...

Sincerely

K. V. Harish