



DELHI TECHNOLOGICAL UNIVERSITY
Established by Govt. of Delhi vide Act 6 of 2009
(Formerly Delhi College of Engineering)
SHAHBAD DAULATPUR, BAWANA ROAD, DELHI - 110042

DEPARTMENT OF MECHANICAL PRODUCTION & INDUSTRIAL ENGINEERING

NO.F.DTU/MED/HOD/2022/804/920

DATED- 17/11/23

NOTICE INVITING QUATATION

Sealed quotations are invited for the supply of following items in Heat Transfer Lab, Deptt.. of MED. F.No.DTU/MED/HOD/804 dated 25/03/2022. The sealed quotations on company's letter head including GSTIN No. with above File No. written on the sealed cover should reach to the office of the of Head of the Mechanical Engineering, Delhi Technological university, Delhi-110042 latest by 10.2.2023

S.NO.	Laboratory testing equipments (2) in HT Lab	Make	Qty.
1	Stefan Boltzmann's Apparatus Hemisphere dia.: 200mm(approx.) made of copper Jacket dia. 250mm(approx.) Made of Stainless Steel Test Disc Size: 20mm,1.5mm thickness made of copper Water Tank: stainless Steel 12 Ltrs. capacity heater: Nichrome wire immersion heater. Temperature Control panel consist of: Dimmer stat: 0-2 A Voltmeter:0-250 V Ammeter: 0-5 A Digital display for temperature and control of input power of heater	Any	01
2	Transient Heat Transfer Unit apparatus Copper rod: 20mm and 400mm length temperature controller with heater 220v, ac supply Temperature measurement: k type, Cr-Al thermocouples Digital Temp. indicator: 0-400 deg centigrade (with selector switch Flow measurement: vertical measurement Supply: 1ph,230 V, 15 A	Any	01
3	Study the POOL BOILING Phenomenon & Different Regimes of POOL BOILING	Any	01'

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	<p>Specimen size: Copper cylinder dia. 50mm and 30mm length Glass container: 90mmOD. 6mm thickness.250mm length. heater 200Watts Condenser: copper coil of 6mm dia. End flanges: SS and MS. Temperature measurement: k type, Cr-Al thermocouples Dimmer stat: 0-2 A Voltmeter:0-250 V Ammeter: 0-5 A Digital Temp. indicator: 0-200 deg centigrade (with selector switch. Time Measurement: by stop clock Flow measurement: by measuring jar Supply: 1ph,230 V, 6 A</p>		
4	<p>Emissivity measurement apparatus Test Plate dia. 160mm(approx.), Black plate Dia. 160mm(approx.) Heater: 2nos. Nichrome wire immersion heater(one each for test plate and black plate) Digital Temp. indicator: 0-2000 deg centigrade (with selector switch Temp. Sensors: RTD PT-100 typr Temperature Control panel consist of: Dimmer stat 0-2 A Volt meter 0-250 V Ammeter 0-5 A</p>	Any	01
	Total		04

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P.V Ram Kumar
Officer In-charge
Heat Transfer Lab

Copy to:

1. Sr. Account Officer, DTU
- ✓ 2. HOD, (CC) to upload on DTU website
3. Notice Board, MED