



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/114

DATED- 20/09/2022

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/803 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 12.10.2022

S.NO.	Laboratory testing equipments (2) in HT Lab	Make	Qty.	Approx. (cost) In Rs.
1	Heat transfer in forced convection apparatus, Specimen size: 25mm Inner dia. X400 mm length, Blower 230 volts Bend heater 100Watts Temperature measurement: k type, Cr-Al thermocouples Dimmer stat: 0-2 A Voltmeter:0-250 V Ammeter: 0-5 A Digital Temp. indicator: 0-300 deg centigrade (with selector switch Flow measurement: by orifice meter with acrylic u tube manometer Supply: 1ph,230 V, 6 Amps,	Any	01	52000/-
2	Heat transfer in natural convection apparatus Specimen size: 25mm Inner dia. X 450 mm length, heater 100Watts	Any	01	45,000/-

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	<p>Temperature measurement: k type, Cr-Al thermocouples Dimmer stat: 0-2 A Voltmeter: 0-250 V Ammeter: 0-5 A Digital Temp. indicator: 0-300 deg centigrade (with selector switch) Flow measurement: vertical measurement Supply: 1ph, 230 V, 6 A</p>			
3	<p>Heat transfer from a Pin-Fin apparatus Specimen size: 25mm Inner dia. X 400 mm length, heater 100 Watts 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) Flow measurement: by Manometer measurement Supply: 1ph, 230 V, 6 A</p>	Any	01	52,000/-
4	<p>Parallel flow and counter flow heat exchanger apparatus System: water to water, concentric tube type Heat Exchanger: length (approx.) insulated with ceramic wool and clad by aluminum foil Outer tube: copper, ID 20mm, OD 25mm (approx) Inner tube: copper, ID 10mm, OD 12mm, Water flow measurement system: Rotameter Hot water tank: Stainless steel (insulated with ceramic fiber wool) Hot water Circulation: Magnetic Pump Heater: Nichrome wire heater (2 Nos.)</p>	Any	01	52,000/-

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	Dimmer stat 0-2 A Volt meter 0-250 V Ammeter 0-5 A			
	Total		04	201000/-

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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 / HOD