

College of Engineering Trivandrum, Thiruvananthapuram
NOTICE INVITING TENDER

P1/5499/21/CET

10.09.2021

Tender No.

13/2021/P1/CET/ME

Superscription

: Purchase of "Low temperature calibration bath set up" in Heat Engine Lab, Mechanical Engineering Department

Last date and time of receipt of tender on the website (www.etenders.kerala.gov.in)

:06.10.2021 3 p.m.

Date and time of opening of tender

: 07/10/2021 11 a.m.

Date upto which the rates are to be firm

:07/04/2022

Tender Cost

: Rs.708/-(Rs600/-+18%GST)

EMD required

: Rs.2650/-

Address of the Officer to whom hard copy is to be send.

: THE PRINCIPAL, COLLEGE OF ENGINEERING TRIVANDRUM, THIRUVANANTHAPURAM-695016, KERALA
GSTIN:32AAAGC0358L1ZP

Specifications are attached as Annexure

General conditions

1. The unit price, all other charges such as delivery, transporting, packing, shipping, loading and unloading charges etc, and GST must be shown separately and should be furnished unambiguously.
2. Payment: 100 % after successful supply, installation, and satisfactory performance.
3. The item should have a minimum warranty of 3 years
4. Delivery Period: Maximum Delivery period will be 60 days from the date of receipt of supply order.
5. The item should be supplied at Heat Engine Lab of Mechanical Engineering Department of this institution
6. Agreement as per NIT 2 in Rs.220/- Kerala Stamp Paper and tender form should be uploaded.
7. 5% security deposit along with agreement should be furnished within a month/fortnight from the date of receipt of supply order.
8. Date of opening of tender : In case the proposed date declared as holiday, the tender will be opened on the next working day.
9. Only GST registered firms can participate in the Tender. GST number must be mentioned. The firm under composition scheme must mention the words "Composition taxable person" in their documents and should submit proof for that.
10. After E-Tendering the hard copy of documents should be submitted before the opening date.

NB: The Tender procedure will be made as per Rules mentioned in the Revised Store Purchase Manual.

The bidders should participate this tender through E-Tendering System. Tender cost and EMD should be submitted only through online. For more details Contact Ph.0471 2577088, 0471 2577188, 0471 257388, 0471 2515760, 9645947287

Sd/-
PRINCIPAL

ITEM DETAILS

Sl No	Name of Equipment	Specification	Quantity
1	Low Temperature Calibration bath set up	<p>Temperature Range: 0 to -40°C Double walled construction. Floor Model</p> <ol style="list-style-type: none"> 1. Temperature Range: -40°C to 0°C & 50°C 2. Work space: 150 x 150 x 300mm (d). 3. Filling Volume: 10-12 litres approx 4. Digital Microprocessor based temperature indicator cum controller 5. Dual display to view the Processing & Set Value simultaneously. 6. Display resolution of 0.1°C. 7. Temperature controlling accuracy of <u>±0.1°C ± 1</u> digit within the tank. 8. Temperature Stability will be <u>±0.2°C ± 1 digit</u> 9. Class A, Three wire, PT 100 Sensor for accur 10. Easy replaceable Stainless Steel immersion heaters with larger cold zone. 11. Automatic High Temperature safety cut 12. Outer made of mild steel with powder coating. 13. Inner tank made of Stainless Steel duly polished. 14. Stirrer with fractional horsepower motor for uniformity of temperature within the tank. 15. Built in, long life, fully balanced, single stage refrigeration system, with hermetically sealed Emersion/Embraco make compressor & air cooled condenser 16. Filled with CFC Free refrigerant. 17. PUF Insulation between the inner tank outer chamber 18. Lid with required port holes 19. Provided with Calibration Certificate for Temperature Controller from NABL Certified Lab 20. Single phase supply – 230V, 50Hz. 	1

Sd/-

Principal