

**Department of Mechanical Engineering
Delhi Technological University
Shahbad Dualatpur, Bawana Road, Delhi - 110042**

No. DTU/MED/HOD/2024/1679

Dated: 02/05/2025

NOTICE INVITING QUOTATION

On behalf of Delhi Technological University, Department of Mechanical Engineering invites a quotation for the procurement of a **Nozzle Pressure Distribution Test Rig Apparatus**.

Sealed quotation (mentioning on top of envelop as F.NO. DTU/MED/HOD/2024/1679) should be sent to the following address at the latest by 21/05/2025:

**The HOD,
Department of Mechanical Engineering,
Delhi Technological University,
Bawana Road, Delhi 110042**

The quotations should be on the company's letterhead including GSTIN No. with reference no. as F.NO. DTU/MED/HOD/2024/1679.

The rate should be quoted and GST should be indicated separately as per the prevailing GST Laws in Indian National rupees (INR) and also mention the total amount in the words.

The technical specifications and details of the **Nozzle Pressure Distribution Test Rig Apparatus** are provided in the following table:

Sl. No.	Items/ Specifications	Quantity
1.	Nozzle Pressure Distribution Test Rig Apparatus Convergent - Divergent Nozzle: 12.5 to 15.5 cm Length, area ratio corresponding to Mach 1.5 to 2.5, exit diameter of 0.5 to 1 cm Nozzle consisting of 7 pressure tappings. One tapping is precisely located at the throat. All the pressure tappings are connected to a Digital Pressure Indicator with a range of 0-20 bar. Maximum Inlet pressure to nozzle: 10 to 12 bar. The flow is released to nozzle through 2.54cm diameter pipe by operating a valve. An automatic safety switch needed to monitor the pressure inside the cylinder. Measurements needed: Static Pressure and total pressure, velocity, temperature indicator at inlet and outlet, Static pressures along length of nozzle. The entire facility must be on the MS table with reading panel with instrumentation and electrical safety. Delivery to Power Plant Engg. Lab, DTU, Delhi and working demonstration of apparatus by expert personal of supplier.	1

Terms & conditions of the NIQ

1. The quoted Price should be inclusive of applicable GST
2. Product supplied must be of good quality.
3. A data-sheet and manual of the above-said items should be provided.
4. Details of service center declaration should be provided for the items.
5. Warranty of the item should be a minimum of one year.
6. Mode of payment would be subject to the satisfactory completion of delivery to Power Plant Engg. Lab, DTU and working demonstration of apparatus by expert personal of supplier.

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7. Delivery and successfully working demonstration of apparatus by supplier technical experts inside Power Plant Engg. Lab, DTU, Delhi.

K. Manjath 02/05/2025

Dr. Manjath K.
Officer In-charge
Power Plant Engg. Lab

Copy to:

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