

GOVERNMENT OF TAMILNADU
DEPARTMENT OF TECHNICAL EDUCATION
GOVERNMENT POLYTECHNIC COLLEGE, JOLARPET – 635 651.
TIRUPATTUR (DIST).

NOTICE INVITING TENDER

File No: 1706/ A4 / 2026

Date:27-05- 2026

Online bids are invited through our portal [https:// tntenders.gov.in](https://tntenders.gov.in) from interested bidders for the supply of following item:

TECHNICAL SPECIFICATIONS

Sl.No	Name of the Item with specifications	Quantity.
1	DIGITAL BALANCE Weight 500g, Accuracy 0.01g, Top pan. Tare Function, calibration- Automatic external Display type: LED	01
2	DIGITAL TDS METER Range 0-9990 ppm, resolution 1ppm, digital LCD display, ATC feature.	01
3	Heating Mantle Capacity: 500ml Rating 200W with Energy Regulator	01
4	Joule Calorimeter Copper vessel, Battery eliminator-3A, (2,4,6,8,10,12 V), Tubular rheostat 20-3.3A, one way plug key, Analog type DC ammeter (0-2A), voltmeter (0-5V), Thermometer (alcohol), stop clock	02
5	Hotplate Plate size:25 x 30 cm (10 x 12 inch) with adjustable Thermostate control Up to 350 Degree Temperature Control Heating Element: Nichrome heating element Power Supply: 220–240 V AC, 50 Hz	01
6	Electric Bunsen Burner Maximum temperature Up to 800 degree C, Power supply 220 to 240 V, Power 350 W	01
7	WATER DISTILLATION UNIT Output Capacity: 2–4 liters per hour Material: Stainless steel boiler and condenser Heater: Built-in electric heating element Power Supply: 220–240 V AC, 50 Hz Cooling: Water-cooled condenser Safety: Automatic low water cut-off	01
8	Ohm's Law Verification Kit Battery eliminator-3A, (2,4,6,8,10,12 V), Tubular rheostat 20-3.3A, one way plug key, Analog type DC ammeter (0-2A), voltmeter (0-5V), standard resistance coil of 1, 2 ohm (2-set) wound on a wooden bobbin	02
9	Boyle's Law Apparatus The apparatus includes the quill tube, a retort stand, a clamp, and a mounted meter scale. Quill Tube Specifications: Length: Approximately 50 cm.	03

	Bore Diameter: Uniform bore, roughly 1 mm to 2 mm. Construction: Glass tube with one end sealed. Trapped Substance: A mercury pellet (or thread) of length 10 to 15 cm is introduced to enclose a column of air. Mounting: Attached to a half-meter or meter scale.	
10	Helical Spring Apparatus Structure: A rigid support mounted on a heavy metal base, typically cast iron, to ensure stability during tests. Springs: High-tensile steel spiral springs, typically (approx 25 mm) diameter, (100 mm) long. Measurement Scale: A vertical steel meter scale, usually with (1mm) graduations, for precise deflection measurement. Loading Mechanism: A, typically (50g), hook-attached weight hanger at the bottom. Pointer: A fine pointer attached to the bottom of the spring moves along the scale. Accessories: Includes a set of slotted weights (e.g., (6times 50g) or similar sets) for incremental loading.	03

Instructions /Terms and Conditions

1. **The bidders must be registered with Tamil Nadu Government e-procurement system portal and also should posses Digital Signature Certificate.**
2. The bidders should have corporate office/registered office/branch office/ service centre within Tamilnadu. Copy of proof of address for having office within Tamilnadu should be uploaded.
3. All the items/Goods/Equipment/machineries/articles should be delivered at the college premises only.
4. Bidders should submit their bids in two bids system through online in prescribed format only.
 - a. Technical Bid:
 - b. Bidder should upload Technical Specification that should meet our requirement as detailed in NIT.
 - c. In addition to the technical Specification FORM A attached with this notice inviting tender should be filled up by bidder and upload it in PDF format.
 - d. Financial Bid:
 - i. In xls format only (Excel Format).
 - ii. Packing and forwarding / loading and unloading / installation should be included in the Basic Rate or unit price itself.
 - iii. All rates quoted should be in Indian Rupees (INR) only.
 - iv. Price quoted by the bidder should be **firm and final**.
5. Bids in physical form or in any other manner will not be accepted.
6. Bidders must not be black listed by any of the department / Institution of Government of Tamil Nadu.
7. The Bidders should posses a valid GST identification number. Copy of the GST registration Certificate is to be submitted/uploaded. Non-Registered firms are not entertained and bids shall be rejected.
8. Incomplete / Not clear bids shall be rejected.
9. The rates quoted should be open for acceptance for a period of 3 Months (or) 90 days. The warranty period should be mentioned. The warranty period shall commence, only after delivery / successful installation and commissioning of the Equipment / items/Goods/machineries / articles.
10. The offer should be for immediate delivery i.e. within fifteen (15) working days from the date of receipt of our order or as specified in the purchase order.
11. Non execution of the order within the prescribed date will lead to cancellation of orders placed. The supplier will be black listed.
12. The bills for the supply should be submitted in triplicate along with an Advanced stamped Receipt for payments.
13. The payment will be made within reasonable time only after the receipt and installation of materials in good working condition in every aspect.

14. Payment terms: No Advance payment will be made.
15. The supplier may claim 100% payment against delivery, proper installation & commissioning and Goodness of fit certificate. As per Tamil Nadu transparency in tender act 1998 and Tamil Nadu transparency in tender Rules 2000
 - a. The Principal Government Polytechnic College, Jolarpet – 635 651. reserves the right to modify, Reduce and increase the quantity specified.
 - b. Withhold any amount for the deficiency in service aspect of the ordered items.
 - c. If any dispute, On recommendations of the Evaluation Committee, The Principal reserves the right to accept or reject any quotations even of it is found lowest without assigning reasons thereof.
 - d. The right to reject all or any of the quotation and to split up the requirements or relax any or modify all the above conditions without assigning any reasons is reserved by the Principal Government Polytechnic College, Jolarpet – 635 651.
16. The Principal/ TIA reserves the right to cancel the tender without assigning any reasons.
17. For any Corrigendum and addendum please check the above website.
18. **Delivery Period: Time is the Essence of this Contract. Owing to the tight schedule of the upcoming academic calendar and to prevent any academic loss to the students, the successful bidder must fully deliver, install, check ad commission all the ordered laboratory equipment within exactly 7(Seven) Days from the date of issuance of the Award of contract (AOC) /Purchase order.**
19. **Vendor Capability: Bidders must ensure they have ready stocks available or a guaranteed supply chain before participating in this tender to meet the strict 7-days timeline.**


Tmt.R.POONGOTHAI,
Principal / Tender Inviting Authority,
Government Polytechnic College,
Jolarpet, Tirupattur – 635 651
PRINCIPAL
GOVT. POLYTECHNIC COLLEGE,
JOLARPET – 635 651.

FORM A**Bidder name (company name):**

SL.NO.	SPECIFICATION	RESPONSE
1.	Mentioned the Warranty Period in Years	
2.	Branch Office (or) Service Centre Address with Contact Number	
3.	Number of days Required to render Service / attend the Complaint (after lodging the complaint)	

SIGNATURE**COMPANY SEAL**