

COLLEGE OF TECHNOLOGY

Sardar Vallabhbhai Patel University of Agriculture and Technology, Modipuram, Meerut,
Uttar Pradesh, 250110

Dr. Ankit Kumar
Principal Investigator



No. SVP/COT/PFE/1122026

Date: 21-05-2026

Name of work: Quotation invitation for purchase of Project equipment

Sealed quotations are invited from the vendors/contractors/reputed firms/government agencies for purchase of equipment related to project work. Sealed quotation should reach to office of Principal Investigator (GFS/06 Processing & Food Engineering department, College of Technology, SVPUA&T, Meerut-250110) on or before 01/06/2026 at 5:00 PM by Courier/speed post/registered Post/by hand and email (ankitkumar@svpuat.edu.in). The details of Equipment to be purchased are given below:

Table: 1: List of Equipment

S. No.	Name of item	Specifications	Quantity	Rate	Amount
1	Solar Flat Plate Collector (FPC)	2 m ² area, Glazed flat-plate, low-iron tempered glass, copper absorber with selective coating, insulated back (≥ 50 mm mineral wool/rock wool), aluminium frame. Operating temp 30–90 °C, typical useful eff. 40–60% with Inlet/outlet sensor ports.	01		
2	UV-Protected poly carbonate sheet	35 square meter area, Multiwall polycarbonate, co-extruded UV layer, thickness 6–10 mm recommended for balance of transmission and insulation, neoprene gaskets.	01		
3	Drying Chamber with Perforated Trays	Removable perforated trays, tray size- 3*9 feet, SS-304, Iron angle-120 ft, with automatic weighing machine	Tray-03		
4	PCM-Based Thermal Energy Storage Unit	200 kg Paraffin PCM with melting point ~60–80 °C, Bricks, cement and concrete, GI serpentine pipes	Pipe length- 8 m		

Handwritten signatures and initials in blue ink.

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	(Paraffin Wax)	with fins			
5	Auxiliary Electric Heater (Backup)	2-3 kW air heater with thermostat, over-temp cutout, suitable for duct mounting.	01		
6	Blower/Fan for Forced Air Circulation	Centrifugal/in-line blower	04		
7	Temperature and Humidity Sensors (DHT22, RTDs)	RTD/PT-100, Temp range 0-200 °C, Humidity sensor (Hygrometer)	PT-100-05, Humidity Sensor-05		
8	Air Velocity Sensor (Anemometer Module)	Anemometer (0-200 m/sec)	01		
9	PCM Temperature Probes (K-type Thermocouples)	Temp range- 50-200	05		
10	Data Logger with SD Card/pendrive Module	16 Channel digital	01		
11	Hygrometer	Capacitive RH sensor, accuracy $\pm 1-2\%$ RH, temperature compensated	01		
12	Solar Power Meter (Pyranometer)	Range 0-2000 W/m ²	01		
13	Temperature gun	IR thermometer, adjustable emissivity, temp range: -50 → 500 °C	01		
14	Deep Freezer	Temp range: -25 to 10 °C	01		
15	Automatic time and Humidity Controller	Humidity range: 0-100 %, Automatic ON/OFF output (below and above of threshold limit), Ability to set desired humidity threshold, digital display showing humidity, Optional timer / scheduling function, Durability / sensor probe with cable, Alarms signal	Automatic timer-01, Humidity controller-01		

Kritika

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16	Miscellaneous Accessories	Wiring and connectors, Cables, Switches, Circuit breakers, Solid state relay, Mounting brackets and screws, Insulation material (Glass wool/polyurethane 50 cm thickness), rubber gaskets and seals, cooling fan and vent grills, paints and coatings (anti-rust), Protective covers and enclosures, thermal paste or conductive grease, AC to DC adaptor/power supply unit, fuse holder and fuses, SD card/pen drive (16/32 GB), TA/ Vehicle hiring, Raw material for experiments, dampers etc.	-		
17	Microcontroller/Arduino	Arduino/ESP32 logger	01		
Total					
GST as per Govt. Rule					
Grand Total					

Terms and Conditions

- The GST or any other charges over and above the rates should mention clearly.
- The envelope should be sealed
- The payment will be made through E-mode only after the work satisfactory completed. The Bank details along with IFSC code should be mentioned.
- The Hon'ble Vice-Chancellor, SVPUA&T, Meerut reserved the right to accept or reject any or all the quotations without assigning and reasons thereof.
- The copy of pan card should be enclosed.
- Copy of GST registration should be enclosed.
- Quotation received after due date will not be entertained.

Copy to-

- All noticeboards
- The comptroller for kind information
- The officer In-charge (IT) with request to upload the notice on university website.
- P.R.O to Hon'ble Vice-Chancellor for kind Information


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 Kritika







उद्यान महाविद्यालय
सरदार वल्लभभाई पटेल कृषि एवं प्रौद्योगिक विश्वविद्यालय
मेरठ - 250110 (उ०प्र०)

डा० सुनील मलिक
विभागाध्यक्ष/समिति अध्यक्ष

पत्रांक: सवप/2026/LGS/273(B)
दिनांक: 16.05.2026

कोटेशन आमंत्रण सूचना

भूदृश्य निर्माण एवं उद्यान उपसंभाग के अन्तर्गत स्थापित Shade net house की मरम्मत हेतु Cladding Material, Spring Insert एवं Fixation आदि निम्नलिखित विवरण अनुसार कार्य कराना है -

Size	Span	No of Span	Centre Height	Side Height	Area
As per Design	8m x 13m	02 Nos	2.75 m	4m	208 sq. mr.

उपरोक्त कार्य हेतु सील बन्द कोटेशन विश्वविद्यालय के वेबसाईट पर अपलोड होने के दस कार्य दिवस के अन्दर डाक द्वारा निम्न पते पर भेजने का कष्ट करें।

विभागाध्यक्ष, उद्यान/समिति अध्यक्ष

उद्यान महाविद्यालय

सवप कृषि एवं प्रौद्योगिकी वि० वि०, मेरठ (उ०प्र०)


अध्यक्ष, समिति