

KERALA AGRICULTURAL UNIVERSITY

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No. CCCES/146/2025- A2 (NT -ix)

digit or 20

0.1 knots

Dtd.25.07.2025

TENDER NOTICE

Sealed tenders are invited from competent firms for the supply and installation of following items at College of Climate Change and Environmental Science with specifications as detailed below. The tender will be accepted up to **05.08.2025** @ **3.00 PM**. The tenders received after the stipulated time will not be considered at any circumstances. The received tenders will be opened at **05.08.2025** @ **3.30 PM**.

Si N	Item	Quantity	
0	item		
1	MicroPipette		
	 Ultra-light weight mechanical pipette Four-digit display with display window facing user with 2 button operations Provision for the customer to adjust the pipette for better accuracy to use difficult liquids or high-density liquids. Also, it should be adjusted back to factory setting withoutthe need calibration. Quick connection clip to remove the lower part easily Pipette Piston with highly resistant to heat, acids and alkalis, mildew, bleaches, aging, sunlight and abrasion Very low tip ejection force 3.6N Tip cone should have Spring to reduce stress for up to 1 ml pipette Volume adjustment with few turnarounds from maximum to min volume. Without removing any parts, full pipette needs to withstand Autoclave sterilization at 121°C for 20 min No discoloration upon UV irradiation NABL certification can be done on request, *Charges may apply Basic, single-channel, variable, 0.1 - 2.5 μL, dark gray Basic, single-channel, variable, 0.5 - 10 uL, medium gray Basic, single-channel, variable, 2 - 20 μL, yellow Basic, single-channel, variable, 10 - 100 μL, yellow Basic, single-channel, variable, 20 - 200 μL, yellow Basic, single-channel, variable, 20 - 200 μL, yellow 		
	 Basic, single-channel, variable, 100 - 1000 μL, blue Basic, single-channel, variable, 0,5 - 5 mL, purple Basic, single-channel, variable, 1 - 10 mL, turquoise 		
	 Basic, single-channel, variable, 2 - 20 μL, light gray 		
	• Basic, single-channel, variable, 30 - 300 μL, orange		
2	Pocket weather meter		
	SENSORS		
	SENSOR ACCURACY RESOLUTION SPECIFICATION NOTES (+/-) RANGE		
	Wind Speed Larger of 3% 0.1 m/s 0.6 to 40.0 m/s 1 inch 25 mm Air Speed of reading, 1 ft/min 118 to 7,874 ft/min diameter impeller least 0.1 km/h 2.2 to 144.0 km/h with precision axle significant 0.1 mph 1.3 to 89.5 mph and low-friction		

1.2 to 77.8 knots

Zytel® bearings.

	C. / .	1.04	0 / 10 D*	G	
	ft/min	1 B* 0.1 F/S*	0 to 12 B* 2-131.2*	Startup speed stated as lower limit, readings may be taken down to 0.4 m/s 79 ft min 1.5 km/h .9 mph .8 kt after impeller startup. Offaxis accuracy -1% @ 5° off axis; -2% @ 10°; -3% @ 15°. Calibration drift < 1% after 100 hours use at 16 MPH 7 m/s. Replacement impeller (NK PN-0801) field installs without tools (US Patent 5,783,753). Wind speed calibration and testing should be done with triangle on impeller located at the top front face of the Kestrel. Measuring wind speeds above 60 m/s / 134.2 mph can	
Ambient Temperature	0.9 °F 0.5 °C	0.1 °F 0.1 °C	-20.0 to 158.0 °F -29.0 to 70.0 °C	damage the impeller. Airflow of 2.2 mph 1 m/s or greater provides fastest response and reduction of insolation effect. For greatest accuracy, avoid direct sunlight on the temperature sensor and prolonged sunlight exposure to the unit in low airflow conditions. Calibration drift is negligible for the life of the product. For further details, see Display & Battery Operational Temperature Limits.	
Relative Humidity	2%RH	0.1 %RH	10 to 90% 25°C non- condensing	To achieve stated accuracy, unit must be permitted to equilibrate to external temperature when exposed to large, rapid temperature changes and be kept out of direct sunlight. Calibration drift is typically less than ±0.25% per year.	
Pressure	1.5 hPa mbar 0.044 inHg 0.022 PSI	0.1 hPa mbar 0.01 inHg 0.01 PSI	25°C/77°F 700-1100 hPa mbar 20.67-32.48 inHg 10.15-15.95 PSI	Monolithic silicon piezo-resistive pressure sensor with second-order temperature correction. Between	

1100–1600 mbar, unit will operate with reduced accuracy. Sensor may not operate above 1600 mbar and can be damaged above 6,000 mbar or below 10 mbar. Calibration drift is negligible for the life of the product. 2-axis solid-state magneto-resistive sensor mounted perpendicular to unit plane. Accuracy of sensor dependent upon unit's vertical position. Selfcalibration routine eliminates magnetic error from batteries or unit and must be run after every full power- down (battery removal or change). Readout indicates direction to which the back of the unit is pointed when held in a vertical orientation. Declination/variation adjustable for True North readout.

CALCULATED M	EASUREMENTS		
MEASUREMENT	ACCURACY (+/-)	RESOLUTION	SENSORS
	, ,		EMPLOYED
Air Density	0.0002 lb/ft3	0.001 lbs/ft3	Temperature,
	0.0033 kg/m3	0.001 kg/m3	Relative Humidity
			Pressure
Air Flow	6.71%	1 cfm	Air Speed,
		1 m3/hr	User Input
		1 m3/m	(Duct Shape
		0.1m3/s	& Size)
		1 L/s	
Altitude	typical: 23.6	1 ft	Pressure, User
	ft/7.2 m from	1 m	Input (Reference
	750 to 1100		Pressure)
	mBar max:		
	48.2 ft/14.7 m		
	from 300 to		
	750 mBar		
Barometric Pressure	0.07 inHg	0.01 inHg	Pressure, User
	2.4 hPa mbar	0.1 hPa mbar	Input (Reference
	0.03 PSI	0.01 PSI	Altitude)
Crosswind &	7.1%	1 mph	Wind
Headwind/		1 ft/min	Speed,
Tailwind		0.1 km/h	Compass
		0.1 m/s	
		0.1 knots	

1°

Scale

1/16th Cardinal

0 to 360°

Compass

5°

Delta T	3.2 °F	0.1 °F	Temperature,
	1.8 °C	0.1 °C	Relative Humidity Pressure
Density Altitude	226 ft	1 ft	Temperature,
•	69 m	1 m	Relative Humidity, Pressure
Dew Point	3.4 °F	0.1 °F	Temperature,
	1.9 °C	0.1 °C	Relative
	15-95% RH. Refer to Range for Temperature Sensor		Humidity
Evaporation Rate	0.01 lb/ft2/hr 0.06 kg/m2/hr	0.01 b/ft2/hr 0.01 kg/m2/hr	Wind Speed,
	0.00 kg/1112/111	U.U1 Kg/III2/III	Temperature Relative
			Humidity
			Pressure, User
			Input (Concrete Temperature)
Heat Index	7.1°F	0.1 °F	Temperature,
	4.0°C	0.1 °C	Relative Humidity
Moisture	4.9 gpp	0.1 gpp	Temperature,
Content	0.7 g/kg	0.01 g/kg	Relative Humidity
Humidity Ratio			Pressure
("Grains") Probability of	PIG Accuracy	10%	Tomporatura
Ignition (PIG)	dependent on proximity of	10%	Temperature, Relative Humidity
	inputs to reference table		
THI (NRC)	reference table steps.	0.1 °F	Temperature.
THI (NRC)	reference table	0.1 °F 0.1 °C	Temperature, Relative Humidity
THI (NRC) THI (Yousef)	reference table steps. 1.5 °F		
	reference table steps. 1.5 °F 0.8 °C	0.1 °C	Relative Humidity
THI (Yousef) Relative Air	reference table steps. 1.5 °F 0.8 °C 2.3 °F	0.1 °C 0.1 °F	Relative Humidity Temperature, Relative Humidity Temperature,
THI (Yousef)	reference table steps. 1.5 °F 0.8 °C 2.3 °F 1.3 °C	0.1 °C 0.1 °F 0.1 °C	Relative Humidity Temperature, Relative Humidity Temperature, Relative Humidity
THI (Yousef) Relative Air Density	reference table steps. 1.5 °F 0.8 °C 2.3 °F 1.3 °C 0.3%	0.1 °C 0.1 °F 0.1 °C 0.1%	Relative Humidity Temperature, Relative Humidity Temperature, Relative Humidity Pressure
THI (Yousef) Relative Air	reference table steps. 1.5 °F 0.8 °C 2.3 °F 1.3 °C	0.1 °C 0.1 °F 0.1 °C	Relative Humidity Temperature, Relative Humidity Temperature, Relative Humidity
THI (Yousef) Relative Air Density Wet Bulb	reference table steps. 1.5 °F 0.8 °C 2.3 °F 1.3 °C 0.3%	0.1 °C 0.1 °F 0.1 °C 0.1%	Relative Humidity Temperature, Relative Humidity Temperature, Relative Humidity Pressure Temperature,
THI (Yousef) Relative Air Density Wet Bulb Temperature - Psychrometric Wet Bulb	reference table steps. 1.5 °F 0.8 °C 2.3 °F 1.3 °C 0.3% 3.2 °F 1.8 °C 1.4 °F	0.1 °C 0.1 °F 0.1 °C 0.1% 0.1 °F 0.1 °C	Relative Humidity Temperature, Relative Humidity Temperature, Relative Humidity Pressure Temperature, Relative Humidity Pressure Wind Speed,
THI (Yousef) Relative Air Density Wet Bulb Temperature - Psychrometric Wet Bulb Temperature —	reference table steps. 1.5 °F 0.8 °C 2.3 °F 1.3 °C 0.3% 3.2 °F 1.8 °C	0.1 °C 0.1 °F 0.1 °C 0.1% 0.1 °F 0.1 °C	Relative Humidity Temperature, Relative Humidity Temperature, Relative Humidity Pressure Temperature, Relative Humidity Pressure Wind Speed, Temperature Globe
THI (Yousef) Relative Air Density Wet Bulb Temperature - Psychrometric Wet Bulb Temperature - Naturally Aspirated	reference table steps. 1.5 °F 0.8 °C 2.3 °F 1.3 °C 0.3% 3.2 °F 1.8 °C 1.4 °F	0.1 °C 0.1 °F 0.1 °C 0.1% 0.1 °F 0.1 °C	Relative Humidity Temperature, Relative Humidity Temperature, Relative Humidity Pressure Temperature, Relative Humidity Pressure Wind Speed, Temperature Globe Temperature,
THI (Yousef) Relative Air Density Wet Bulb Temperature - Psychrometric Wet Bulb Temperature —	reference table steps. 1.5 °F 0.8 °C 2.3 °F 1.3 °C 0.3% 3.2 °F 1.8 °C 1.4 °F	0.1 °C 0.1 °F 0.1 °C 0.1% 0.1 °F 0.1 °C	Relative Humidity Temperature, Relative Humidity Temperature, Relative Humidity Pressure Temperature, Relative Humidity Pressure Wind Speed, Temperature Globe
THI (Yousef) Relative Air Density Wet Bulb Temperature - Psychrometric Wet Bulb Temperature - Naturally Aspirated	reference table steps. 1.5 °F 0.8 °C 2.3 °F 1.3 °C 0.3% 3.2 °F 1.8 °C 1.4 °F 0.8 °C	0.1 °C 0.1 °F 0.1 °C 0.1% 0.1 °F 0.1 °C 0.1 °F 0.1 °C	Relative Humidity Temperature, Relative Humidity Temperature, Relative Humidity Pressure Temperature, Relative Humidity Pressure Wind Speed, Temperature Globe Temperature, Relative Humidity, Pressure Wind
THI (Yousef) Relative Air Density Wet Bulb Temperature - Psychrometric Wet Bulb Temperature - Naturally Aspirated (NWB TEMP)	reference table steps. 1.5 °F 0.8 °C 2.3 °F 1.3 °C 0.3% 3.2 °F 1.8 °C 1.4 °F 0.8 °C	0.1 °C 0.1 °F 0.1 °C 0.1% 0.1 °F 0.1 °C 0.1 °F	Relative Humidity Temperature, Relative Humidity Temperature, Relative Humidity Pressure Temperature, Relative Humidity Pressure Wind Speed, Temperature Globe Temperature, Relative Humidity, Pressure

	ADDITION	AL PROD	UCT INFO
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Display &	Multifunction, multi-digit monochrome
Backlight	dot-matrix display. Choice of white or
	red LED backlight.
Response	Display updates every 1 second. After
Time &	exposure to large environmental
Display	changes, all sensors require an
Update	equilibration period to reach stated
	accuracy. Measurements employing
	RH may require longer periods
	particularly after polonged exposure
	to very high or vey low humidity.
	WBGT requires alout 8 minutes to

reach 95% accuracy and about 15 minutes to reach 99% accuracy after

exposure to large environmental changes.

Data Storage & Graphical display, Min/Max/Avg History

Logged history stored and displayed for every measured value. Manual and auto data storage. Min/Max/Avg history may be reset independently. Auto-store interval settable from 2 seconds to 12 hours*, overwrite on or

off. Logs even when display off except

for 2 and 5 second intervals.

Kestrel 5 series units hold over 10,000

data points.

Data Upload & Bluetooth® Data Connect Option

Wireless range up to 100ft. Connection requires optional USB data transfer cable or Kestrel Link Dongle or Kestrel LiNK app. Employs Kestrel Link protocol for data transmission with

Link supported devices. (Kestrel LiNK

for

iOS/Android, Kestrel Link for

PC/MAC).

Clock/ Real-time hours:minutes:seconds Calendar clock, calendar, automatic leap-year

adjustment.

User-selectable – Off, 15-60 minutes Auto

with no key presses. Shutdown

Languages English, French, German, Spanish. CE certified, RoHS, FCC, IC tested and Certifications

WEEE compliant. Individually tested

to NIST-traceable standards.

Origin Designed and built in the USA from

US and imported components.

Complies with Regional Value Content and Tariff Code Transformation requirements for NAFTA Preference

Criterion B.

Battery Life AA Lithium included. Up to 400 hours

of use, reduced by backlight, alert light

and buzzer, or Bluetooth radio

transmission use.

MIL-STD-810H, Transit Shock, Shock Resistance Method 516.8 Procedure IV; unit only;

impact may damage replaceable

impeller.

Sealing Waterproof (IP67 and NEMA-6) Display & 14° F to 131° F | -10 °C to 55 °C Battery Measurements may be taken beyond

Operational the limits of the operational

Temperature temperature range of the display and batteries by maintaining the unit Limits

within the operational range and then exposing it to the

more extreme environment for the minimum time necessary to take

reading.

-22.0 °F to 140.0 °F | -30.0 °C to 60.0 Storage

°C. Temperature

Size & Weight 5.0 x 1.9 x 1.1 in | 12.7 x 4.5 x 2.8 cm,

4.3 oz | 121 g. (Lithium battery

included)

**F/S only in Ballistics units. Beaufort not available in

	Ballistics units.	1
	Damodes unto.	
3	Water bath	1
	Material Mild Steel	
	Voltage 220 to 440 V	
	Frequency 50 Hz Automatic Grade Semi-Automatic	
	Brand U-Tech	
	Size 695 x 530 x 320mm	
	Power Supply Ac220V, 50Hz	
4	Soxhlet Extraction Unit	1
	Voltage-220-230V AC	
	Type of Product-Soxhlet Extraction Unit	
	Application-Pharmaceutical laboratory, microbiology, oil and gas industry, food production laboratory Design-Without Glass Parts	
	Temperature controller-Energy Regulator	
	No. of Tests-3	
5	Heating mantle	1
	[3-Unit Heating Mantles (High Temperature)]	
	The heating mantles are designed for repetitive extraction, refluxing, and distilling procedures in	
	various industries, including food, textile fiber, water and wastewater, and petroleum. The latest	
	model features a lower profile for space-saving, a revolutionary heating element container system for	
	easy replacement, and spill containment chambers. The cabinet is made from clear anodized aluminum with a chemically resistant black Teflon® resin-coated top. Available in two configurations,	
	it offers six-place for 100-300 ml flasks and three-place for 500-1,000 ml flasks, and in low-	
	temperature (400°C RX version) and high-temperature (600°C RJ version) options. Ideal for Kjeldahl,	
	Soxhlet, and other extraction procedures, each three-place unit includes clamps for glassware with	
	diameters of 1 5/8" - 2", attached to horizontal support rods. Two Series RL control choices are	
	available: percentage timer or proportional voltage, with the former pulsing full-line voltage and the	
	latter providing steady-state voltage. Controls are cord-connected for convenient placement. Dimensions for the three-place unit are 610 x 286 x 159 mm, with a 300W rating per position and a	
	total mantle weight of 9.1 kg. Control types include a digital display control, percentage timer, and	
	proportional voltage, all compatible with 3-place RJ or RX, operating at 240V, with weights of 5.0 kg	
	for digital and proportional voltage controls, and 2.3 kg for the percentage timer	
6	GPS	2
	Display:	
	Size: 2.2 inches (35 x 44 mm)	
	Resolution: 240 x 320 pixels Type: 65K color TFT_sunlight_readable	
l	Type: 65K color TFT, sunlight-readable	
	Type: 65K color TFT, sunlight-readable Memory and Storage: Internal Memory: 8 GB Expandable Storage: microSD TM card slot (supports cards up to 32 GB)	
	Type: 65K color TFT, sunlight-readable Memory and Storage: Internal Memory: 8 GB Expandable Storage: microSD TM card slot (supports cards up to 32 GB) Waypoints: Up to 2,000	
	Type: 65K color TFT, sunlight-readable Memory and Storage: Internal Memory: 8 GB Expandable Storage: microSD TM card slot (supports cards up to 32 GB) Waypoints: Up to 2,000 Routes: Up to 200	
	Type: 65K color TFT, sunlight-readable Memory and Storage: Internal Memory: 8 GB Expandable Storage: microSD TM card slot (supports cards up to 32 GB) Waypoints: Up to 2,000 Routes: Up to 200 Track Log: 10,000 points; 200 saved tracks	
	Type: 65K color TFT, sunlight-readable Memory and Storage: Internal Memory: 8 GB Expandable Storage: microSD TM card slot (supports cards up to 32 GB) Waypoints: Up to 2,000 Routes: Up to 200 Track Log: 10,000 points; 200 saved tracks Battery:	
	Type: 65K color TFT, sunlight-readable Memory and Storage: Internal Memory: 8 GB Expandable Storage: microSD TM card slot (supports cards up to 32 GB) Waypoints: Up to 2,000 Routes: Up to 200 Track Log: 10,000 points; 200 saved tracks	
	Type: 65K color TFT, sunlight-readable Memory and Storage: Internal Memory: 8 GB Expandable Storage: microSD TM card slot (supports cards up to 32 GB) Waypoints: Up to 2,000 Routes: Up to 200 Track Log: 10,000 points; 200 saved tracks Battery: Type: 2 AA batteries (NiMH or Lithium recommended) Battery Life: Up to 25 hours Navigation Features:	
	Type: 65K color TFT, sunlight-readable Memory and Storage: Internal Memory: 8 GB Expandable Storage: microSD TM card slot (supports cards up to 32 GB) Waypoints: Up to 2,000 Routes: Up to 200 Track Log: 10,000 points; 200 saved tracks Battery: Type: 2 AA batteries (NiMH or Lithium recommended) Battery Life: Up to 25 hours Navigation Features: Preloaded Maps:	
	Type: 65K color TFT, sunlight-readable Memory and Storage: Internal Memory: 8 GB Expandable Storage: microSD TM card slot (supports cards up to 32 GB) Waypoints: Up to 2,000 Routes: Up to 200 Track Log: 10,000 points; 200 saved tracks Battery: Type: 2 AA batteries (NiMH or Lithium recommended) Battery Life: Up to 25 hours Navigation Features: Preloaded Maps: Ability to Add Maps:	
	Type: 65K color TFT, sunlight-readable Memory and Storage: Internal Memory: 8 GB Expandable Storage: microSD TM card slot (supports cards up to 32 GB) Waypoints: Up to 2,000 Routes: Up to 200 Track Log: 10,000 points; 200 saved tracks Battery: Type: 2 AA batteries (NiMH or Lithium recommended) Battery Life: Up to 25 hours Navigation Features: Preloaded Maps: Ability to Add Maps: Support for GPS and GLONASS Satellite Systems	
	Type: 65K color TFT, sunlight-readable Memory and Storage: Internal Memory: 8 GB Expandable Storage: microSD TM card slot (supports cards up to 32 GB) Waypoints: Up to 2,000 Routes: Up to 200 Track Log: 10,000 points; 200 saved tracks Battery: Type: 2 AA batteries (NiMH or Lithium recommended) Battery Life: Up to 25 hours Navigation Features: Preloaded Maps: Ability to Add Maps: Support for GPS and GLONASS Satellite Systems Hunt/Fish Calendar	
	Type: 65K color TFT, sunlight-readable Memory and Storage: Internal Memory: 8 GB Expandable Storage: microSD™ card slot (supports cards up to 32 GB) Waypoints: Up to 2,000 Routes: Up to 200 Track Log: 10,000 points; 200 saved tracks Battery: Type: 2 AA batteries (NiMH or Lithium recommended) Battery Life: Up to 25 hours Navigation Features: Preloaded Maps: Ability to Add Maps: Support for GPS and GLONASS Satellite Systems Hunt/Fish Calendar Sun and Moon Information	
	Type: 65K color TFT, sunlight-readable Memory and Storage: Internal Memory: 8 GB Expandable Storage: microSD TM card slot (supports cards up to 32 GB) Waypoints: Up to 2,000 Routes: Up to 200 Track Log: 10,000 points; 200 saved tracks Battery: Type: 2 AA batteries (NiMH or Lithium recommended) Battery Life: Up to 25 hours Navigation Features: Preloaded Maps: Ability to Add Maps: Support for GPS and GLONASS Satellite Systems Hunt/Fish Calendar	
	Type: 65K color TFT, sunlight-readable Memory and Storage: Internal Memory: 8 GB Expandable Storage: microSD™ card slot (supports cards up to 32 GB) Waypoints: Up to 2,000 Routes: Up to 200 Track Log: 10,000 points; 200 saved tracks Battery: Type: 2 AA batteries (NiMH or Lithium recommended) Battery Life: Up to 25 hours Navigation Features: Preloaded Maps: Ability to Add Maps: Support for GPS and GLONASS Satellite Systems Hunt/Fish Calendar Sun and Moon Information Area Calculation Geocaching-Friendly Supports paperless geocaching	
7	Type: 65K color TFT, sunlight-readable Memory and Storage: Internal Memory: 8 GB Expandable Storage: microSD™ card slot (supports cards up to 32 GB) Waypoints: Up to 2,000 Routes: Up to 200 Track Log: 10,000 points; 200 saved tracks Battery: Type: 2 AA batteries (NiMH or Lithium recommended) Battery Life: Up to 25 hours Navigation Features: Preloaded Maps: Ability to Add Maps: Support for GPS and GLONASS Satellite Systems Hunt/Fish Calendar Sun and Moon Information Area Calculation Geocaching-Friendly	3
7	Type: 65K color TFT, sunlight-readable Memory and Storage: Internal Memory: 8 GB Expandable Storage: microSDTM card slot (supports cards up to 32 GB) Waypoints: Up to 2,000 Routes: Up to 200 Track Log: 10,000 points; 200 saved tracks Battery: Type: 2 AA batteries (NiMH or Lithium recommended) Battery Life: Up to 25 hours Navigation Features: Preloaded Maps: Ability to Add Maps: Support for GPS and GLONASS Satellite Systems Hunt/Fish Calendar Sun and Moon Information Area Calculation Geocaching-Friendly Supports paperless geocaching Weighing Balance Accuracy: 0.004 g	3
7	Type: 65K color TFT, sunlight-readable Memory and Storage: Internal Memory: 8 GB Expandable Storage: microSDTM card slot (supports cards up to 32 GB) Waypoints: Up to 2,000 Routes: Up to 200 Track Log: 10,000 points; 200 saved tracks Battery: Type: 2 AA batteries (NiMH or Lithium recommended) Battery Life: Up to 25 hours Navigation Features: Preloaded Maps: Ability to Add Maps: Support for GPS and GLONASS Satellite Systems Hunt/Fish Calendar Sun and Moon Information Area Calculation Geocaching-Friendly Supports paperless geocaching Weighing Balance Accuracy: 0.004 g Power Supply: Battery 4AAA or external power supply	3
7	Type: 65K color TFT, sunlight-readable Memory and Storage: Internal Memory: 8 GB Expandable Storage: microSDTM card slot (supports cards up to 32 GB) Waypoints: Up to 2,000 Routes: Up to 200 Track Log: 10,000 points; 200 saved tracks Battery: Type: 2 AA batteries (NiMH or Lithium recommended) Battery Life: Up to 25 hours Navigation Features: Preloaded Maps: Ability to Add Maps: Support for GPS and GLONASS Satellite Systems Hunt/Fish Calendar Sun and Moon Information Area Calculation Geocaching-Friendly Supports paperless geocaching Weighing Balance Accuracy: 0.004 g Power Supply: Battery 4AAA or external power supply Weighing range (max): 620 g / 21.8 oz	3
7	Type: 65K color TFT, sunlight-readable Memory and Storage: Internal Memory: 8 GB Expandable Storage: microSDTM card slot (supports cards up to 32 GB) Waypoints: Up to 2,000 Routes: Up to 200 Track Log: 10,000 points; 200 saved tracks Battery: Type: 2 AA batteries (NiMH or Lithium recommended) Battery Life: Up to 25 hours Navigation Features: Preloaded Maps: Ability to Add Maps: Support for GPS and GLONASS Satellite Systems Hunt/Fish Calendar Sun and Moon Information Area Calculation Geocaching-Friendly Supports paperless geocaching Weighing Balance Accuracy: 0.004 g Power Supply: Battery 4AAA or external power supply	3

	Specifications:	
	Material: aluminum alloy	
	Electrical source: 2 * AAA batteries	
	Measuring range: 4 * 90°	
	Working temperature: 0~40°C	
	Accuracy: $\pm 0.2^{\circ}$	
	Resolution: 0.05°	
	Repeatability: 0.1°	
	Item size: 57 * 55 * 27mm	
	Package size: 80 * 65 * 35mm / 3.15 * 2.56 * 1.38in	
	Package weight: 84g	
9	Pocket Stereoscope	1
	Specifications:	
	 Materials: Tough, durable ABS plastic for all parts. 	
	 Legs: High Grade Stainless steel. 	
	 Lenses: Crown glass. 	
	Magnifications: 2X	
	 Storage: Vinyl plastic pocket. 	
	■ Weight: 0.12kg (0.22lb)	

<u>Cost of Tender Forms: -</u> 0.2% of the quoted amount rounded to the nearest multiple of 100, subject to a minimum ofRs.400/- and maximum of Rs. 1500 + GST 18%

Terms and Conditions:-

- 1. Tender should be submitted in the prescribed forms which can be downloaded from the website www.kau.edu/tenders. The cost of the tender forms will not be refunded under any circumstances.
- 2. The sealed cover containing the tender should be superscribed supply and installation MicroPipette, Pocket Stereoscope, Digital Inclinometer, Weighing Balance, GPS, Heating mantle, Water bath, Soxhlet Extraction Unit, Pocket weather meter (along with the notification number) and addressed to the Dean, College of Climate Change and Environmental Science, Vellanikkara, KAU.
- 3. Tender should be accompanied by EMD of Rs.2000/- and Tender fee @ 0.2% +GST 18% of quoted amount by way of three crossed Demand Drafts separately (1. Tender fee 2.GST on tender fee 3.EMD) drawn in favour of The Dean, College of Climate Change and Environmental Science, Vellanikkara, KAU, payable at the State Bank of India, KAU branch, Vellanikkara,. Late and incomplete tenders and tenders without EMD, tender fee and agreement will not be accepted. Firms which are exempted from payment of EMD should furnish copy of the current valid certificate from the Store Purchase Department, Government of Kerala.
- 4. The tender should be accompanied by an agreement in Kerala Stamp Paper worth Rs.200/- (Rupees Two Hundred only) and format can be downloaded from the above website.
- 5. The successful tenderer should execute an agreement in Kerala Stamp Paper worth Rs. 200/- (Rupees Two Hundred only) and should furnish a security deposit of 5% of the cost of the items quoted in the form of demand draft term deposit/ bank guarantee/demand draft drawn in favour of the Dean, College of Climate Change and Environmental Science, Vellanikkara, KAU at State Bank of India, KAU branch, Vellanikkara, the format of the agreement can be downloaded from the above website.
- 6. The price must be inclusive of all taxes and transportation charges and other charges, if any.
- 7. The cost of the item, tax and other charges should be stated separately
- 8. The exact specification, details of make, model, name of manufacturer, warranty details

- etc., of the item must be clearly specified.
- 9. If any Bandh/strike/ any unexpected holydays occur on the date of opening of tender, the tender will be opened at the same time on the next working day. The decision of the undersigned in accepting the tenders shall be final and binding.
- 10. Withdrawal of tenders after its acceptance of failure to supply the equipment or not according to the specification will entail cancellation of the tender.
- 11. The supply order will be issued on the acceptance of the tender and the invoice should be addressed to the Dean, College of Climate Change and Environmental Science, Vellanikkara. The payment will be effected only after satisfactory supply and installation of the item.
- 12. The successful tenderer should supply and install the item to College of Climate Change and Environmental Science, Vellanikkara, KAU. within Ten days from the date of the receipt of the supply order.
- 13. The Dean, College of Climate Change and Environmental Science, Vellanikkara, reserves the right to remove the name of the defaulted suppliers from the list of suppliers permanently or for a specific period.
- 14. The Dean, College of Climate Change and Environmental Science, Vellanikkara, has the right to accept or reject any or all of the offers without assigning any reason.
- 15. All the rules and regulations applicable to Government quotations will be applicable to this also.
- 16. In case of any delay in the procurement and installation of the equipment, the supplier/dealer shall be liable to pay a demurrage fee as determined by the College.

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1. KAU Website

2. Notice board Signed by

(Sd/-) DEAN