

**KHARAGPUR COLLEGE  
KHARAGPUR  
DIST.- PASCHIM MEDINIPUR**

**Tender Notice No.- KC/RUSA/EQUIPMENT**

**Dated- 03.02.2025**

**Notice Inviting Quotation for Supply of Equipment for Geography and Zoology**

Office of the Principal, Kharagpur College, invites sealed tenders in the enclosed formats for supply of the Equipments as per details given below. Sealed tenders must be dropped in the Tender Box in the Office of the Principal, Kharagpur College, Kharagpur-721305 on or before 10.02.2025.

Payment will be made through PFMS after satisfactory verification of the supplied items

Sd/-  
Principal

Sl. No.	Equipment	Make	Specifications	Quantity	Rate	GST	Total Price including GST
1	Hand Held Anemometer	HTC	USB Real Time data uploading functions Auto Power Off	1			
2	Thermometer of Soil (5in one tester)	HTC	Digital LCD screen and clearly display the values. High precision level of all five measurements. Can measure soil moisture, pH, Temperature, Soil/Ambient moisture, Sunlight intensity	1			
3	Auger (Set)	Unison	Material should be high-strength steel for durability and corrosion resistance Must include 3 interchangeable heads (for Root auger, Rock auger, Soil auger)	1			

4	TDS	HANNA	TDS range from 0 to 2000 ppm Temperature Compensation automatic from 0 to 50 ° C Waterproof TDS Teste	1			
5	Staff	GOLDEN ENGG	Levelling Staff 6m,5 Sections Material: Aluminium ( with cover)	1			
6	Water Electrolyzer	GQ	Measuring range: 50-200mg/ L Must fulfill the electric safety norms	1			
7	Waterproof Digital Altimeter (GPS Base)	HTC	Supports USB charging Waterproof and Outdoor use GPS navigation system Provide altitude, climbing speed, atmospheric pressure, time, etc.	1			
8	Digital inclinometer	GQ	Measurement range- 0 – 360° Accuracy-0.5 mm Measures precise tilts in degrees, percent or millimeters/meters	1			
9	Infrared Thermometer	HTC	Temperature Range -50-550°C Relative Humidity- 0~99%RH, accuracy: ±5% RH Laser pointer enables Colour LCD Auto switch off & capable to data hold	1			
10	Blume-Lessis Hypsometer (Haga Altimeter)	UMAR NAUTICAL	Maximum Height Range: 60 meters or more	1			
11	Weight Machine Digital (for Soil weight measure)	DIGITONE	Weight Range: 0001gram-5000 gram (required) Inbuilt chargeable battery (mains cum battery operated preferable)	1			
12	Professional Laser Measure Non-magnetic	Bosch	measuring range 50 meter and above Level Accuracy: Plus or Minus 1.5 mm	1			
13	Meter Measurement Tape (200m/660ft)	Freemans	Ribbon should be non-creasing, weather resistant and durable against wear and tear. Can measure meter and feet	1			
14	Weight Machine Digital (for Human body Weight)	Omron	Auto On/off options At least one-year warranty Readout Accuracy-100 gm. Weight Range: 5 kg-150 kg. (preferable)	1			
15	Stadiometer	PRESTIGE	Wall mount height measurement up to 2M/200CM Division value 0.1cm	1			

16	Mirror Stereoscope	BHARAT GRAPHICS	Material: Aluminium or steel Binocular with magnification power Adjustable interocular distance in binocular viewer	1			
17	Image (Aerial Photo Black white)	BHARAT GRAPHICS	Plain and settlement area (of West Bengal preferable) Plateau or hill area (of West Bengal preferable)	1			
18	Image (Aerial Photo Colour)	BHARAT GRAPHICS	Plain and settlement area (of West Bengal preferable) Plateau or hill area (of West Bengal preferable)	1			
19	Survey Umbrella with stand	Globetrek	Matel Frame Diameter 7 feet or more	1			
20	INCUBATOR BACTERIOLOGICAL .12" x 12" x12"		Standard double wall fabrication. Inner chamber made out of richly anodized aluminium or highly polished stainless steel sheet and outer made out of thick mild steel sheet finished in white stoving enamel paint or mat finished pastle colour combinations. The gap is filled with special glass wool for temp. insulation. Double wall door with double window for observation in the chamber. Temperature range 5oC above ambient to 80oC + 2oC controlled by a thermostat. L-shaped thermometer is provided for taking temp. readings. Panel is provided with pilot lamps for mains & heaters, On-off switch, temp. Control knob etc. The equipment is workable on 220 V AC 50 Hz single pahse. Heating is achieved from 3 sides. Perforated removable shelves also provided	1			

21	Gel Electrophoresis Unit (Vertical) (Model No. HV-2)		Technical Parameter : Dimensions (Outer)(LxWxH) : 15x18x15 cm. Gel Size (cm) : 8x7 (1Gel) Buffer Required (ml) : 100 + 150 Platinum Electrodes : 2 Nos Accessories : Wires black and red - 1 each Glass plate -1 and 1 notched rectangular Total 2nos. One set spacers of 1.0mm,1.5mm - 4 pcs. Each 4 sets of Nylon moulded combs of 7 wells & 10 wells in 0.1mm and 1.5mm thickness Silicon Gasket - 1 No.	1			
22	Gel Electrophoresis power suply analog		analog	1			
23	Micropipette tarson Model T100		Variable volume 10-100µl	1			