



Department of Geology  
Mohanlal Sukhadia University  
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F/MLSU/GEOL/RUSA/2025/AKD/07/2270

Dated: 03 - 01 - 2025

**LIMITED TENDER NOTICE**

Sealed quotations are invited from reputed firms dealing in **Flame photometer & Hot Air Oven** under RUSA 2.0 Project titled "**Heavy Metal apportionment of Geogenic and Anthropogenic sources in Ganga River using Geomagnetic and Geochemical studies**" in the Department of Geology, Mohanlal Sukhadia University, Udaipur as per following specifications:

S. No.	Description of items
1.	Water quality meter - Datalogger (Budget: 100000 including GST)
	Name PEI Body Gel Filled pH Electrode with Bluetooth®
	Measurement Range pH: 0 to 12
	Reference Cell Type double, Ag/AgCl
	Junction Type/Flow Rate ceramic, single
	Type of Electrolyte gel
	Body Material PEI
	Tip / Shape spheric
	Matching Pin no
	Max. Pressure 2 bar
	Temperature Operating Range -5 to 70°C (23 to 158°F) – LT
	Body Length/Overall Length 100 mm / 165 mm
	Temperature Sensor yes
	Outer Diameter 12 mm
	Connector Type Bluetooth Smart (Bluetooth 4.0), 10 m (33') range
	Battery Type/Life CR2032 3V lithium ion / approximately 500 hours
	Amplifier yes
	Recommended Use field applications
	Notes Environment: 0.0 to 50.0°C (32.0 to 122.0°F), electronic module is not waterproof
	Range -2.000 to 16.000 pH / ±800 mV / -20.0 to 120.0 °C *(will be reduced to actual probe/sensor limits)
	Resolution 0.1, 0.01, 0.001 pH / 1, 0.1 mV
	Accuracy (@25°C/77°F) ±0.005 pH / ±0.3 mV

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अखिल कुमार द्विवेदी/Akhil Kumar Dwivedi  
प्रधान अन्वेषक/ Principal Investigator  
रुसा 2.0 परियोजना/RUSA 2.0 Project  
भू-विज्ञान विभाग/Department of Geology  
मोहनलाल सुखादिया विश्वविद्यालय/Mohanlal Sukhadia University  
उदयपुर-313001, राजस्थान/Udaipur 313 001 Rajasthan

Head of The Department  
Department of Geology  
M. L. Sukhadia University  
UDAIPUR

Calibration Points	Up to five points with seven standard buffers
Calibration Buffers	1.68, 4.01, 6.86, 7.01, 9.18, 10.01, 12.45 pH
Temperature Compensation	Automatic from -5.0 to 100.0 °C / 23.0 to 212.0 °F *(will be reduced to actual probe/sensor limits)
Accessories: Tablet PC with specifications:	
Connectivity: WiFi and 5G	
Display: Liquid Retina	
Processor: M2 chip	

Interested firms may submit their quotations on their official letter heads duly complete in all respects on or before 09.01.2025 by 05:00 PM to **Head, Department of Geology, MLSU, Udaipur.**

**Terms & Condition**

1. The material should be supplied within 10 days from receipt of the orders
2. Specifications and quality will be rigidly adhered to.
3. The firm should have PAN/TIN No.
4. The rates to be valid for six months.
5. All rates quoted must be F.O.R. stores MLSU, Udaipur
6. Payment will be made as per MLSU rules after satisfactory delivery and installation



Akhil Kumar Dwivedi  
 PI, RUSA 2.0 Project  
 अखिल कुमार द्विवेदी/Akhil Kumar Dwivedi  
 प्रधान अन्वेषक/ Principal Investigator  
 रूसा 2.0 परियोजना/RUSA 2.0 Project  
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