



GIK INSTITUTE OF ENGINEERING SCIENCES AND TECHNOLOGY

REQUEST FOR QUOTATION (GIKI/PD/RFQ-101/2025-2026)

Sealed quotations, in Pak rupees on D.D.P basis, are invited from registered suppliers/authorized dealers/distributors and manufacturers for supply of the following items:

S#	Item Description	A/C Unit	Qty
1	Handheld Ultrasonic Flow Meter Model TUF-2000H (Detailed specification attached at annexure-A)	Each	01
2	UNI-T UT373 Non-contact Tachometer RPM Speed Sensing Meter (Detail Specification attached at Annexure-B)	Each	02

Interested parties are requested to keep following points into consideration before submitting their quotations.

- Your quotations must be delivered to the office of the undersigned on or before **04 August Monday 2025, at 2:30 PM**. Any quotation received later than the scheduled date and time will be rejected and returned unopened.
- All quotations must be valid for a period of Thirty (30) days from the closing date of the Request for Quotation.
- The quotation shall be completed and signed by an authorized representative of the supplier.
- The quoted price should include all applicable Govt taxes.
- Delivery will be made to GIK Institute, Topi, Swabi.
- Payment will be made within 2-3 weeks after acceptance of the items subject to deduction of taxes as per law.
- In the case of any arithmetical discrepancy between the unit rate and the total amount quoted, then the unit rate shall prevail both for the evaluation of quotations and for the subsequent purchase order.
- **Mention Account details in Quotation.**
- **Mention RFQ number & Opening date on the envelope.**

Assistant Director, Procurement Department, GIK Institute, Topi, Swabi (KP)

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Specifications Handheld Ultrasonic Flow Meter

Application	The TUF-2000H Handheld Ultrasonic Flow Meter is used to measure the flow rate and total volume of liquids in pipes and tubing. It is commonly used in industries such as water and wastewater management, HVAC systems, and oil and gas refineries. It is a portable, accurate, and user-friendly flow measurement solution.
Parameter	Description
Type	Non-invasive Ultrasonic Flow Meter
Model	TUF-2000H
Installation	Handheld
Sensor/Transducer	Ultrasonic transducer with a stainless-steel housing
Display/Control Unit	Handheld digital display/control unit
Pipe/Tubing Size	Clamp-On: 13mm to 6,000mm (0.5" to 236"); Insertion: 15mm to 6,000mm (0.6" to 236")
Fluid Temperature Range	-40°C to 90°C (-40°F to 194°F)
Fluid Pressure Range	Clamp-On: 0.01MPa to 4.0MPa (1.45psi to 580psi); Insertion: 0.01MPa to 2.5MPa (1.45psi to 363psi)
Fluid Compatibility	Suitable for a wide range of liquids, including water, oil, and chemicals
Accuracy	±1% to ±2% of reading (depending on the model and flow rate)
Turndown Ratio	2:40
Outputs	Analog (4-20mA), Pulse, RS485
Power Supply	Ni-MH rechargeable battery, AC adapter
Display	Large, backlit LCD display with easy-to-read flow rate and total flow readings
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Protection Rating	IP67
Weight	Sensor/transducer: 1.5kg (3.3lb); Display/control unit: 0.8kg (1.8lb)

UNI-T UT373 Non-Contact Tachometer RPM Speed Sensing Meter

Specifications	Range	Resolution	Accuracy
RPM measurement	10.0~9999.9RPM	0.1	$\pm(0.04\%+2)$
10000~99999RPM	1		
Counting measurement	0~99999 counts	1	± 1

Features

Auto range	✓
Auto power off	✓
Low battery indication	✓
Laser-on indication	✓
Data hold	✓
MAX/MIN	✓
Rotating speed/count function switching	✓
Overload indication	✓
LCD backlight	✓
Refresh rate	1s to 7s (>120rpm for 1s)
Sensor type	Photodiode and laser tube
Target distance	50mm~200mm
Measuring angle	$\pm 30^\circ$ from perpendicular
Drop test	1m

General Characteristics

Power	1.5V battery (R03) x 3
Display	5-digit segment code; 99999 max displays
Product colour	Red and grey
Product net weight	85g (excluding battery)
Product size	183.8mm x 56mm x 34mm
