

# Shivaji University, Kolhapur

## Department of Technology

Package Code	Package Name	Items	Description of Works/Goods	Qty	Method of Procurement
TEQIP-II/MH/MH1G05/33	Energy Scenario/ Energy Technology – General	1. Solar radiation sensors	Operating Temperature, Storage Temperature, Transducer, Spectral Response 400 to 1100 nanometers Cosine Response, Percent of Reading), Percent of Full Scale, Supplied Cable Length, Cable Type, Connector Specifications	1	Shopping
		2. Wind measurement sensors	Wind speed Range, Response time 250 ms, Available variables average, maximum, and minimum, Accuracy $\pm 3\%$ at 10m/s, Output resolution 0.1 m/s (km/h, mph, knots), Wind direction, Azimuth 0 ... 360°, Response time 250 ms, Available variables average, maximum, and minimum, Accuracy $\pm 3^\circ$ , Output resolution 1°	1	
		3. Lab scale microwave oven	Output power, Required power, 60 Hz., Dedicated 20-amp line, Output power-1,000 watts maximum variable by turning on and off to maintain sample temperature, Temperature probe-Standard type K shielded 1/8" x 3" long stainless steel robe. Replacement by screw-on connector requires no tools	1	

		4. Electronic weigh machine	Technical data: Max capacity-600 g; Minimal load-10 mg; Readability-0,1 mg; Tare range= -600 g, Repeatability*-0,1 mg; Linearity-±0,3 mg, Pan size- ø 70 mm ø 85 mm, Stabilization time-6 s / 3,5 s 3,5 s ; Sensitivity drift-1 ppm/°C in temperature +15 ° - +35 °C;	1	
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