

SPECIFICATIONS OF DIGITAL ANEMOMETER

1.	Name of Equipment. Digital Anemometer
2.	Purpose. Measuring the wind speed and wind direction in the atmosphere, in wind tunnels and in other gas-flow applications.
3.	Quantity: 02 (Two).
4.	Model: To be mentioned
5.	Brand: To be mentioned
6.	Country of Manufacture: USA/ JAPAN/ AUSTRALIA/ CANADA/ EU COUNTRIES
7.	Country of Origin. USA/ JAPAN/ AUSTRALIA/ CANADA/ EU COUNTRIES
8.	Inout Power: 220 V AC
9.	Tool kit: One set
10.	<u>Technical Parameter:</u> a. The range of the wind speed 1.2-60m/sec b. The accuracy of the wind speed $\pm 5\%$ (min:0.1m/s) c. The range of the wind direction $0-359^{\circ}$ d. The accuracy of the wind direction $\pm 1^{\circ}$ e. Min start wind speed ≤ 1.2 m/s
11.	<u>Operating temperature</u> a. Operator unit $-15^{\circ}\text{C} - +55^{\circ}\text{C}$ b. sensor unit $-15^{\circ}\text{C} - +85^{\circ}\text{C}$
12.	<u>Scope of Supply.</u> a. Microprocessor circuit b. Dual function LCD display. c. Records Maximum and Minimum readings. d. Sensor to Met section display monitor interface cable 50 mtr. e. Multi-functions air flow measurement (m/s, km/h, ft/min, knots,mile/h).
13.	Standard Accessories. All standard accessories required for operation of the system, whether mentioned in the specification or not, should be included in the offer.
14.	Installation Test and Trial. The manufacture's authorized local agent's representative/software engineer will install the Anemometer at BN Hydrographic and Oceanographic Centre (BNHOC), Chattogram, Bangladesh
15.	Warranty. At least one year warranty after satisfactory acceptance by BN is to be provided.

