

**ANNEXURE TO TENDER NO.65.12.8044**

**WIND SPEED MEASURING SYSTEM**

The Automatic Wind Speed Measuring System reads Wind Speed from different types of Wind Speed Sensor, Displays the wind speed and controls the two potential free contact relays depending upon the Wind Speed The set point for the alarms are user configurable through a keypad provided along with the system.

**Specification of the Wind speed Measuring System:-**

<b>Parameter</b>	<b>Specification</b>
<b>Input</b>	<b>Wind Speed:</b> Rs. 232 input ( 4800, 8,N,1) and 0-4 VDC corresponding to 0-100 knots <b>One RS 232:</b> Ultrasonic wind Sensor
<b>Outputs</b>	Two potential free relay output to switch external 230V AC devices like Hooter or Warning Lamps/ signals
<b>Data Conversion</b>	Suitable A to D converter with more than 12 bits resolution
<b>Power Supply</b>	12 VDC
<b>Enclosure</b>	Compact Industrial Polyester enclosure with proper painting

**For Controller of Stores**