

LIST OF ITEMS

Sr. No.	Item / Description	Quantity
1.	<p>Ultrasonic Anemometer</p> <p>Make Company: YOUNG, USA or Equivalent</p> <p>Model: 81000VRE</p> <p><u>Specifications:</u></p> <p>Wind Speed: 0 to 40 m/s (0 to 90 mph)</p> <p>Resolution: 0.01 m/s</p> <p>Threshold: 0.01 m/s</p> <p>Accuracy: $\pm 1\% \pm 0.05\text{m/s}$ (30 m/s), $\pm 3\%$ (40m/s)</p> <p><u>Wind Direction:</u> 0 to 360 degrees</p> <p>Elevation Range: ± 60 Degrees</p> <p>Resolution: 0.1 degree</p> <p>Accuracy: ± 2 Degrees (30 m/s), ± 5 Degrees (40 m/s)</p> <p><u>Speed of Sound:</u> 300 to 360m/s</p> <p>Resolution: 0.01m/s</p> <p>Accuracy: $\pm 0.1\% \pm 0.05\text{m/s}$ (30m/s)</p> <p><u>Sonic Temperature:</u> -50 to +50°C</p> <p>Resolution: 0.01m/s</p> <p>Accuracy: $\pm 2^{\circ}\text{C}$ (30m/s)</p>	02 Nos.