

ANNEXURE - C

TECHNICAL SPECIFICATIONS FOR DIGITAL VANE TYPE ANEMOMETERS

4 digit LCD display 10 mm character height minimum digital anemometer instrument / readout. Air velocity measurement range: 0.3 to 40 m / sec. Accuracy $\pm 0.25\%$ F.S plus $\pm 0.75\%$ of reading whichever is less. Resolution of the instrument shall be 0.01 m/sec. Vane / windmill suitable for the instrument shall be supplied. Size of the vane Minimum 70 mm diameter. Hotwire type probes are not acceptable. Detachable / telescopic extension rods for mounting the vane are required. Maximum length of all the rods assembled together (maximum distance of measurement) shall be 1200 mm. Length of the signal cable from vane to the instrument shall be 2 meters.(coiled coil type cable not acceptable) If telescopic type of probe is offered then provision for locking the extended length shall be provided. Provision for auto power OFF in customizable time interval shall be provided. The instrument shall be supplied in suitable foam lined hard plastic carrying case for safe handling of the instrument.

Calibration: The anemometer shall be calibrated and a certificate traceable to ISO 9000 shall be provided. A guarantee / warranty certificate shall be provided.

An extensive user manual shall be supplied along with the instrument.

The list of standard accessories shall be provided. The list of optional accessories along with quantity required per instrument and rate shall be separately indicated.

Quantity - 10 sets

