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| **Wind Speed/ Wind Direction** |
| **Sensor Type** | Ultrasonic (no moving parts)  |
| **Range** | 0–65m/s for speed, 0–360 degrees for direction |
| **Accuracy** | The greater of 0.2m/s or 3% of reading for wind speed, +/-2 degrees for direction |
| **Resolution** | .1 m/s for speed, 1 degree for direction |
| **Response Time** | 10 seconds or better |
| **Environmental** |
| **Humidity** | 5% to 100%, semi-arid climate |
| **Temperature** | -40 to +60 degrees C, operational and storage |
| **Other Requirements** |
| **Accessories** | Sensor mounting support, cables (power and signal), and other accessories as required.Cable Length 10m Minimum. |
| **Calibration** | Certificate required and calibration must be performed within India for future recalibration (if needed) |
| **Tools and manuals** | * Complete tool kit for installation and routine maintenance giving full details (number of pieces and type)
* Full documentation and maintenance instructions in English (1 copy per station).
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Items in RED are to be used for the Bid Evaluation Review (BER).