Technical Specifications and Trial Directives of Wind Meter

S/No.	Particulars	Technical specifications	Trial Directives
A	**Weight:**		
1.	**Weight**	**Maximum accepted weight 3 Kg**	B.O.O to physically check and measure the parameter.
B	**General Specifications:**		
2.	**Operating Temperature**	**-20 degC to +55 degC**	BOO to check and verify through lab test report from Govt./ NABL-accredited lab.
3.	**Probe Material**	**Corrosion Resistant material**	BOO to check and verify through OEM certification.
4.	**Body Material**	**Aluminium**	BOO to check and verify through OEM certification.
5.	**Electrical Connection**	**Water Tight Plug**	BOO to physically check and verify through OEM certification.
C	**Wind Speed Sensor Specifications**		
6.	**Threshold Speed**	**< 0.4 m/sec**	BOO to check and verify through lab test report from Govt./ NABL-accredited lab.
7.	**Continuous Monitor Accuracy**	**Upto 1 % fs (full scale)**	BOO to check and verify through lab test report from Govt./ NABL-accredited lab.
8.	**Resolution**	**Upto 1 m/sec**	BOO to check and verify through OEM certification.
9.	**Range**	**0 - 70 m/sec**	BOO to check and verify through OEM certification.
D	**Wind Direction Sensor Specifications**		
10.	**Continuous Monitor Accuracy of Wind Direction Sensor**	**Upto 1 % fs (full scale)**	BOO to check and verify the parameter through lab test report from Govt./ NABL-accredited lab.
11.	**Resolution of Wind Direction Sensor**	**Upto 1 degree**	BOO to check and verify through OEM certification.
12.	**Range of Wind Direction Sensor**	**0 - 360 degree**	BOO to check and verify through OEM certification.
13.	**Display Output**	**Analog / Digital**	BOO to check and verify through OEM certification
14.	**Warranty**	**1 year**	BOO to check and verify through OEM certification