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| **Relative Humidity (Temperature and Humidity will be combined into a single sensor in applications requiring both measurements)** |
| **Sensor type** | Capacitive/ Solid State |
| **Range** | 5% to 100% RH |
| **Accuracy** | ±3% or better |
| **Resolution** | 1%  |
| **Response time** | 10 seconds or better |
| **Signal Output** | SDI-12, 4-20mA, voltage to be compatible with data collection platform |
| **Calibration** | Certificate required and calibration must be performed within India for future recalibration (if needed) |
| **Connecting cable** | Cable length: 10m or the cables need to be long enough to be run continuously (without splicing) from the sensor to the data collection system. |
| **Environmental** |
| **Humidity** | 5% to 100%, semi-arid climate |
| **Temperature** | -40 to +60 degrees C (operational) |
| **Other Requirements** |
| **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).