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| **Solar Radiation** |
| **Sensor** | Pyranometer (CMP 11 or better) |
| **ISO Classification** | ISO First Class (Secondary Standard) |
| **Response Time** | 10 seconds or better |
| **Spectral Range** | 310–2,800nm |
| **Tilt Error** | +/- 0.2% at 1,000w/m2 |
| **Temperature Sensitivity** | +/- 1% (-10 to +40C) |
| **Calibration** | Certificate required |
| **Cabling** | Must be provided and will be determined on site by site basis upon inspection by bidder. High quality cable that will not compromise accuracy and stability. |
| **Environmental** |
| **Humidity** | 5% to 100%, semi-arid climate |
| **Temperature** | -30 to +60 degrees C |
| **Other Requirements** |
| **Accessories** | Sensor mounting support, cables (power and signal), and other accessories as required.Cable Length 10m Minimum |
| **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).