

Specification of Research Grade Automatic Rain Gauge (ARG) & Multi-level Soil Moisture and Soil Temperature Sensor

Measurements	Specifications
DATALOGGER	Measurement and Control Datalogger to log and store the data locally with SD memory card (16 GB or higher)
GSM / GPRS for remote monitoring and data acquisition	The GSM /GPRS system should be compatible with the mobile network systems in India. Including network service plan for 5 years
Precipitation	Resolution 1 tip Accuracy 1.0% up to 50 mm/h (2 in./h)
Software, Data Acquisition system and Online monitoring and control	All necessary software(s) to acquire, process and analyse the data including online monitoring and control should be provided
MOUNTING HARDWARE	Heavy Duty Adjustable Tripod (3 Meters)
Necessary Enclosures for the data loggers, power supply, battery / batteries, solar panels	As needed should be provided
Comprehensive Warranty (5 years)	Full Comprehensive AMC (including replacement of spare parts) for 5 years from the date of installation with field visits twice every year for 5 years
Installation	The vendor should do the complete installation on-site