

26.02.2021

Department of Civil Engineering

Corrigendum-2

Tender Reference no: CE/2021/IOE/COE/044/ARGRAIN

Name of the Item: Research Grade Automatic Rain Gauge (ARG) and Multi-level Soil Moisture and Soil Temperature Sensor

Corrigendum details: Changes in Technical specification.

Changes in Technical specification:

Amendment Ref: CE/2021/IOE/COE/044/ARGRAIN	
Research Grade Automatic Rain Gauge (ARG) and Multi-level Soil Moisture and Soil Temperature Sensor	
Sl. No	Amendment no. 2
	The following additional information is provided regarding the number of units that are needed and installation location:
1.	Total number of units needed – 7 Nos
2.	The units will be installed in agricultural field sites at <u>Tirunelveli District</u> of Tamil Nadu and <u>NOT</u> at IIT Madras campus
	Amendments to Technical specification. The specifications for Multi-level soil moisture and soil temperature sensor were inadvertently left out in the original specification
Multi Profile SOIL MOISTURE & TEMPERATURE SENSOR	Measurements Made: Volumetric water content (VWC), electrical conductivity (EC), and temperature
	Operating Temperature Range: -40° to +60°C
	Measurement at minimum 3 different depths
	Electrical Conductivity
	Range 0 to 10 dS/m

	Accuracy $\pm 2\%$ (0 to 2.5 dS/m)
	$\pm 5\%$ (full range)
	Volumetric Water Content
	Range 0 to 100%
	Water Content Accuracy $\pm 1.5\%$
	Soil Temperature
	Accuracy $\pm 0.15^\circ\text{C}$ (between -30° and $+40^\circ\text{C}$)
	(Necessary conductors, mounting brackets and Cables of Length: Minimum 10m or more)

Tender Inviting Authority:

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