

NATIONAL CENTRE FOR SUSTAINABLE COASTAL MANAGEMENT

Ministry of Environment and Forests (MoEF)

Koodal Building, Anna University Campus, Chennai – 600025

Specification for the Automatic Precipitation Collector (Quantity: 1 No.)

Item No:		Specifications
1.1	Automatic Precipitation Collector	Double Walled, insulated housing.
1.2		Door Handle with safety shut.
1.3		Drive Unit for Lid opening /closing.
1.4		Thermo electrical heating system for heating & cooling the collector room.
1.5		Contact material to the samples of Borosilicate glass/PTFE.
1.6		Complete setup for connection with sample bottle
1.7		Precipitation Sensor: Precipitation Sensor should detect precipitation from all directions. With electronic controlled heating for faster drying of surface after the first drop.
2	Glass Sample Train	Funnel of borosilicate glass with PTFE outlet Bottle volumes of 1000 and 2000ml Include bottle after overflow.
3	Temperature Data Logger	For data logging of sample room & ambient temperature with accuracy of ± 0.5 Range -35 to 55 °C Resolution of 1°C
4	Consumables	Collection funnels of Borosilicate glass, Funnel Connector, Main PTFE tubes.
5	Software support for data logging	
6	Should provide all necessary accessories and consumables for rain water collector system.	