

Rajiv Gandhi Institute of Technology, Kottayam

No. D1/4213/17/RIT

Dated: 01.08.2017

TENDER SCHEDULE

Superscription	: Tender No.D1/4213/17/RIT. Supply of helioden Equipment and various Climatology Lab sensors.
Last date and time receipt of tender	: 19/09/2017 1 pm
Date and time of opening of tender	: 19/09/2017 2 pm
Last date and time of sale of tender form	: 18/09/2017 2 pm
Date upto which the rates are to be firm	: 31/03/2018
Cost of tender form	: Original Rs.1180/- including GST Duplicate Rs.590/- including GST By Post Rs.1215/-
Address of the Officer from whom Tender Forms are to be obtained to whom tenders are to be send	: THE PRINCIPAL, RAJIV GANDHI INSTITUTE OF TECHNOLOGY, KOTTAYAM VELLOOR.P.O, PAMPADY KERALA, PIN - 686501

List of Items Required

Details of items	Quantity
1 List attached	

PRINCIPAL

List of Required items

SI No	Item with Specification	Quantity
1	<p>Heliodon - 48" (1.2 m) diameter Formica covered table. Seven lamp hoops for all 12 monthly positions. Hoops are manually rotated to hourly positions, Lamp/month-selector switch on a 12'(3.6 m) remote cable 5' (1.52 m) diameter equinox hoop for high accuracy Calibrated latitude adjustment with 0 to 90 degree positioning Locking brake for latitude adjustment. Wedded steel frame with durable powder coating and locking castor Overall dimensions: 28" (71 m) deep, 76" (1.93 m) long, 70" (1.78 m) high Total weight: 285 lbs (130 kg) Low voltage (12 VDC), 24⁰ flood, MR-16 halogen lamp Input power requirement: 110/220 VAC, 50/60 Hz Crated and ready for shipping One year warranty, excluding bulbs.</p>	1
Sensors		
2	Wind direction Range : 0 to 360 m, +/- 1%	1
3	Wind gust Expressed as volume of air over its mean value, for any long intervals	1
4	Dew level Intensity Expressed in the level of 0 to 100	1
5	Dew point calculator Expressed as RH and temperature	1
6	Moisture content of bricks inside the walls Range: 0 to 10 %	1
7	Rain fall meter Expressed as bargraphic data with real time	1
8	Rain fall intensity Expressed as bar graphic data with real time	1
9	Soil moisture --around the building --at different depths Range : 0 to 40% , +/-1%	1
10	Deformation sensor Range: Flexible range from mms to several cms, +/- 1%	1