

Rajiv Gandhi Institute of Technology, Kottayam

No. D3/2437/18/RIT

Dated: 18.06.2018

TENDER SCHEDULE

Superscription : E-Tender No.D3/2437/18/RIT , Supply of Accelerated Carbonation Chamber for the TRC project entitled "Development of recycled aggregate concrete for the construction of various road elements"

Last date and time receipt of tender : 23-07-2018 2 p.m

Date and time of opening of tender : 28-07-2018 2 p.m

Last date and time of sale of tender form : 23-07-2018 10 a.m

Date upto which the rates are to be firm : 31/03/2019

Cost of tender form : **Cost of e-tender Rs.2016/- includes GST**

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,
VELLOOR P.O,
PMPADY,
KOTTAYAM
KERALA,
PIN - 686 501

List of Items Required

Details of items	Quantity
1 List attached	

PRINCIPAL

List of item required

Sl.No	Name of the Equipment	Specification	Quantity
1	Accelerated Carbonation Chamber	<ul style="list-style-type: none"> ◆ Workspace - min, 500 litre ◆ Temperature range - 10to 100°C ◆ Relative Humidity - 40 to 90% ◆ CO₂% - 0 to 20 ◆ Chamber Interior - made of stainless steel, 18 Swg ◆ Chamber Exterior - 18Swg CRCA sheet painted ◆ Floor mounting type ◆ Provision for air circulation ◆ Heating system - Low surface loading sealed Inconel tube heaters to add heat in the chamber to maintain uniform temperature. Heat in put controlled by solid-state relays through microprocessor programmer ◆ Humidity system - having moisture generator with water level controller ◆ Refrigeration system - Single stages air cooled refrigeration system with compressor, provided with HP/LP cut off switch, back up fuse protection, capillaries ◆ Power supply -230V, 50 Hz, AC ◆ Controller based ◆ Insulation 100 mm PUF ◆ Display of temperature, humidity and CO₂ levels 	1 no