

Rajiv Gandhi Institute of Technology, Kottayam

No. D1/2497/18/RIT

Dated: 24.05.2018

TENDER SCHEDULE

Superscription	: Tender No. D1/2497/2018/RIT
Last date and time receipt of tender	: 27/06/2018 1 pm
Date and time of opening of tender	: 27/06/2018 3 pm
Last date and time of sale of tender form	: 26/06/2018 1 pm
Date upto which the rates are to be firm	: 31/03/2019
Cost of tender form	: Original Rs. 672/- Duplicate Rs. 336/- By Post Rs. 35/- Extra
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, Pampady Kottayam - 686501

List of Items Required

Details of items	Quantity
1 Reciprocating and Centrifugal Pump test rig and Reynolds apparatus test rig (detailed Specification attached)	

PRINCIPAL

List of required Item

Sl. No.	ITEM	QUANTITY
1	<u>Reynold's Experiment Test Rig:-</u> With 25mm transparent tube and flow adjustment facility, water as fluid medium, Potassium permanganate dye and injection nozzle arrangement, regulating valves, flow measurement beaker/or similar set up, dye mixing tank and overhead water storage, mounted with Mild Steel support, able to measure Reynolds number ranging from 100 to one lakh.	1
2	<u>Reciprocal Pump Test Rig with Motor:-</u> 1 HP, Single Phase with attached collecting tank, as a closed system, with necessary piping and valves, support frame& flow, pressure, power and slip measurement set up.	1
3	<u>Metacentric Height Test Rig:-</u> Mild Steel float of 10 Kg, FRP coated with FRP coated float tank, Mild Steel support frame, stainless weights of 25 grams (in the range 25 gram to 150 gram) to measure tilt of the stainless steel pointer in four position symmetrically on left and right sides, tilt angle measuring scale.	1
4	<u>Two stage centrifugal pump set rig with motor (½ HP or 1 HP) :-</u> Single phase with attached water re circulating tank as a closed system with necessary piping and valves.	1