

Office of the Principal, Rajiv Gandhi Institute of Technology,  
Kottayam

SHORT TENDER NOTICE

No. D1/4221/21/RIT

Dated: 22.06.2022

Re-e-tenders are invited for the supply of Various Lab Equipment for the use of MT Lab -II in Civil Engineering Department of Rajiv Gandhi Institute of Technology, Kottayam.

<b>Sl.No</b>	<b>Tender No</b>	<b>Item</b>
1	D1/4221/21/RIT	Air compressor (Specifications attached)
2	D1/4221/21/RIT	Air entrainment meter (Specifications attached)
3	D1/4221/21/RIT	Digital Length Comparator(Specifications attached)
4	D1/4221/21/RIT	Electrically operated Needle vibrator confirming to IS 2505 (Specifications attached)

Cost of e-tender :₹ 708/- including GST₹  
108/-

Last date and time of submission of e- tender :19/07/2022, 10 am

Date and time of opening of Technical Bid of e-tender :21/07/2022, 03 pm

Date up to which rates are to be firm :31/03/2023

Total Estimated cost- ₹ 1,35,000/-

Cost of tender form is acceptable only by on-line payment. As per condition the tenderer should send along with his tender an agreement executed and signed in Kerala Stamp paper worth Rs.220/- and Earnest money deposit ,1%(Minimum amount ₹ 1500/-) of the total cost of articles tendered. Tenders without agreement, tender form and Earnest money deposit will be rejected.

While filing the BOQ care should be there as only gross amount will be consider for financial bid. GST may be calculated on the total amount (column 13)and should be on par with government approved rate.

**Dr. Sathishkumar C**

Principal

Copy to College site , SF ,OC

**List of Required Items**

Sl. No.	Item	Quantity
1.	<p><b><u>Air compressor</u> Technical Specification</b> Motor power – 1 H.P. No. of cylinders – 1            Air displacement – 140 litres/ min (Minimum) Working pressure – 7 kg/cm<sup>2</sup> or 100 psi Tank capacity – 50 litres (minimum)            RPM – 750 (minimum)  <b>Accessories required:</b>            Non – return valve, safety valve, V Belt, Motor pulley, pressure gauge, starter for motor, Air hose (minimum 10 meter length), Air blow gun</p>	1 No.
2	<p><b><u>Air entrainment meter</u></b> to check the air content of fresh concrete having aggregates of size upto 20 mm as per IS 1199, using pressure method  <b>Technical specification:</b>  <u>Measuring bowl:</u>            Flanged, cylindrical bowl of steel or hard metal Capacity 5 litres            Diameter/height – 1 to 1.25 <u>Conical cover assembly</u>            Flanged cover of steel or hard metal Fitted with graduated stand pipe            Fitted with pressure gauge Arrangement for sealing            Fitted with air and water valves <u>Pressure range</u>            Min. - 0.5 kg/m<sup>3</sup> Max. – 2 kg/m<sup>3</sup></p>	1 No.
3	<p><b>Digital Length Comparator</b>, for measuring the shrinkage of concrete and mortar specimens of length            28.5 cm <b>Technical specification:</b> Confirming to ASTM C490            Having dial micrometer or other measuring device graduated to read in 0.002 mm or less            Max. range - at least 8 mm            Provided with reference bar</p>	1 No.
	<p><b>Electrically operated Needle vibrator confirming to IS 2505</b> for vibrating the concrete specimen <b>Technical Specification:</b>            Power unit -Single/ Three phase AC motor attached with needle set,</p>	

4	Motor capacity – 3hp (minimum) Needle – immersion type, nominal outside diameter - 60 mm; length – 500 mm (min), mass – 4 kg; Tube made of seamless steel; end shaft and bottom cap – made of carbon steel	1 No.
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