

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

SHORT TENDER NOTICE

No. D1/4221/21/RIT

Dated: 23.12.2021

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

Sl.No	Tender No	Item
1	5/21-22/RIT	Air compressor (Specifications attached)
2	5/21-22/RIT	Air entrainment meter (Specifications attached)
3	5/21-22/RIT	Digital Length Comparator,(Specifications attached)
4	5/21-22/RIT	Electrically operated Needle vibrator confirming to IS 2505(Specifications attached)



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RAJIV GANDHI INSTITUTE OF TECHNOLOGY  
VELLOOR P.O., KOTTAYAM  
KERALA, PIN-686 501

Cost of tender form original	: ₹ 708/- including GST 108/-
Cost of tender form duplicate	: ₹ 354/- including GST
By Post(Original)	: ₹743/-(708+35).
Last date and time of sale of tender form	:14/02/2022, 1 pm
Last date and time of receipt of tender	:18/02/2022, 1 pm
Date and time of opening of tender	:18/02/2022, 3 pm
Date up to which rates are to be firm	:31/01/2023

Total Estimated cost- ₹1,35,000/-

Intending tenderers may on application to the undersigned obtain the requisite tender form on which tenders are to be submitted. Application for the tender form should be accompanied by a remittance of above prices fixed for the same and which is non-refundable under any circumstances. The tender forms are not transferable. Cost of tender form is acceptable only by money order or cash remittance to this office. 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.



  
Dr. Sathishkumar C

Principal

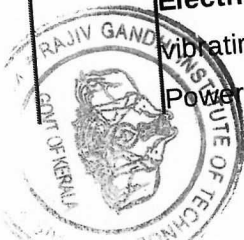
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**List of Required Items**

Sl. No.	Item	Quantity
1.	<p><b>Air compressor 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>Air entrainment meter</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>  <b>Measuring bowl:</b>                      Flanged, cylindrical bowl of steel or hard metal Capacity 5 litres                      Diameter/height – 1 to 1.25 <b>Conical cover assembly</b>                      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 <b>Pressure range</b>                      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</b> confirming to IS 2505 for vibrating the concrete specimen <b>Technical Specification:</b>                      Power unit -Single/ Three phase AC motor attached with needle set,</p>	

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 RAJIV GANDHI INSTITUTE OF TECHNOLOGY  
 VELLORE P.O., KOTTAYAM  
 KERALA - 686 504


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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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