Office of the Principal, Rajiv Gandhi Institute of Technology, Kottayam  
SHORT TENDER NOTICE  
Dated: 21.01.2022  

Sealed tenders are invited for the supply of Digital Storage Oscilloscope (DSO) with wave generation for the smooth function of Power Electronics Lab in Electrical and Electronics Engineering Department of Rajiv Gandhi Institute of Technology, Kottayam.

<table>
<thead>
<tr>
<th>Sl.No</th>
<th>Tender No</th>
<th>Item</th>
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<tbody>
<tr>
<td>1</td>
<td>7/21-22/RIT</td>
<td>DSO with wave generation</td>
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PRINCIPAL  
GOVT. OF KERALA  
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 743/- (708+35).
By Post (Original):
Last date and time of sale of tender form: 15/03/2022, 1 pm
Last date and time of receipt of tender:
Date and time of opening of tender: 18/03/2022, 1 pm
Date up to which rates are to be firm: 31/03/2023

Total Estimated cost: ₹2,00,000/-

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
PRINCIPAL
JIV GANDHI INSTITUTE OF TECHNOLOGY
VELLOOR P.O., KOTTAYAM
KERALA, PIN-686 501
## List of Required Items

<table>
<thead>
<tr>
<th>Sl.No</th>
<th>Name of Equipment with specification</th>
<th>Quantity required</th>
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<tbody>
<tr>
<td>1</td>
<td><strong>DSO with wave generation:</strong>&lt;br&gt; Analog channel 2, digital channel 1,&lt;br&gt; Bandwidth at least 50 MHz, Sampling rate 1Gsa/s,&lt;br&gt; Memory depth at least 100 kpts,&lt;br&gt; Wave generation 20MHz function generator,&lt;br&gt; Serial protocol analysis I2C UART/RS232,&lt;br&gt; Waveform signal processing math Add, subtract, multiply, divide, FFT (magnitude and phase), Display 7-inch TFT LCD WVGA colour, Waveform update rate 50,000 waveforms per second,&lt;br&gt; Connectivity USB 2.0 (host and device), Rise Time: 7ns&lt;br&gt; Probes 1:1, 10:1 switchable passive probes</td>
<td>2</td>
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