

## Quotation Notice

To

-----

-----

Sealed quotations are invited for following equipment on the terms & conditions stated here. Quotation should reach the undersigned on or before 27/02/2025 .

Sr. No.	Particulars	Qty									
1	<p><b>Lattice dynamic kit with frequency meter</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Switch position</td> <td style="width: 35%;">frequency range</td> <td style="width: 35%;">output voltage</td> </tr> <tr> <td>LO</td> <td>0.8 – 8.9 KHz</td> <td>4-6 V</td> </tr> <tr> <td>HI</td> <td>8.7 – 91 KHz</td> <td>4-6 V</td> </tr> </table>	Switch position	frequency range	output voltage	LO	0.8 – 8.9 KHz	4-6 V	HI	8.7 – 91 KHz	4-6 V	1
Switch position	frequency range	output voltage									
LO	0.8 – 8.9 KHz	4-6 V									
HI	8.7 – 91 KHz	4-6 V									
2	<p><b>20 MHz dual trace analogue oscilloscope</b></p> <p>Vertical amplifier ( CH<sub>1</sub> &amp; CH<sub>2</sub>)</p> <p>Sensitivity : 1 m V/div to 20 m V/div .  5 m V/div to 20 V/ div. in 12 steps  Magnifier X5 ( LED indicator ) increases sensitivity to 1m V/div to 2 m V/ div.</p> <p>Accuracy = + 3%</p> <p>Band width = DC-20MHz ( - db) dc coupled , 10Hz -20 MHz ( - 3 db) ac coupled, DC- 28 Mhz ( -6 db)</p> <p>Sweep range – 0.5 μ sec/div to 0.2 div in 18 calibrated steps continuously.</p> <p>Variable control extends fastest sweep speed to 200 nSec/div approximate sweep magnifiers = x 5 magnification extends the fastest sweep to 40 nSec/div. approximate</p>	1									
3	<p><b>Temperature transducers with oven</b></p> <ol style="list-style-type: none"> <li>1. Amplifier the gain of which may be switched between 1-50.</li> <li>2. Volt meter 3 ½ digit displaying the amplifier out put at 1.999 volt full scale.</li> <li>3. Sine wave source of variable amplitude for instrumentation amplifier studies 500 Hz, 0- 2.5 volt ( p-p) ( approximate ).</li> <li>4. Temperature controlled fast oven with digital reading of the temperature in <sup>0</sup> C.</li> <li>5. Sensor – 1. RTD- Platinum wire 2.thermocouple - junction of two dis similar wires 3. IC sensor – forwarded voltage drop in diode 4. Thermistor</li> </ol>	01									
4	<p><b>Function generator</b></p> <ol style="list-style-type: none"> <li>1. Frequency range – 1 Hz to 1 MHz in 6 ranges</li> <li>2. Function – sine square triangle &amp; TTL out put</li> <li>3. Out- put amplitude 0-20 V PP for sine , triangle , 0-50 V PP for square .</li> <li>4. Out- put impedence 600 ohms typical on x1 mode , 50 ohms typical on x.1 mode</li> </ol>	01									

	<ul style="list-style-type: none"><li>5. DC offset <math>\pm 10V</math> with adjustable to 0 V</li><li>6. Out put coupling – DC coupling</li><li>7. Frequency accuracy – 1 Hz to 100 KHz at <math>\pm 1\%</math> FSD , 100 KHz to 1 MHz at <math>\pm 2\%</math> FSD</li><li>8. Power 230V AC <math>\pm 10\%</math> , 50 Hz</li></ul>	
--	--	--

### Terms & Condition

1. Rates are inclosing of all taxes.
2. Bill should be submitted in duplicate along with advance stamp receipt.
3. Terms of Payment –
  - A) Bill will be paid after delivery & proper installation of material.
  - B) Any standard deductions as per government rules will be made from the bill of payment.
4. Mention warranty period.

Head of Department