

**KSCSTE - Jawaharlal Nehru Tropical Botanic Garden & Research Institute**  
**(An Institute of Kerala State Council for Science, Technology and Environment, National**  
**Centre of Excellence, Govt of India) Palode**

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**e- tender notice**

**Tender No. JNTBGRI/1712/BSL/P05/PS/24**

**29-11-2024**

**E-tender Id: 2024\_KCSTE\_712612\_1**

e- tenders are invited from competent vendors for the supply of Microplate reader with the following specifications at JNTBGRI, Palode, Thiruvananthapuram

Sl. No.	Item with complete Description	Qty
1	<p><b>Microplate reader</b>  <u>Specification:</u></p> <ul style="list-style-type: none"> <li>• Compatible to 96 and 24 well plate reading</li> <li>• Reading head contain at least 8 measurements with 1 reference channel</li> <li>• Should contain multiple Lights Emitting Diode light source (at least 4 LED)</li> <li>• MATERIAL PURCHASE REQUEST</li> <li>• Measurement range from 0.00-4.0 OD</li> <li>• Wavelength range from 400-750 nm</li> <li>• Wavelength selection Interference should be able to accommodate 8 filters (wheel of 8 filters).</li> <li>• Should contain filters of 405, 450, 492, 550 and 620 nm.</li> <li>• Measurement time should be minimum (ie, Single wavelength should be &lt; 15sec and Dual wavelength should be &lt; 20 sec.).</li> <li>• OD measurement accuracy should be higher (Better than + (1.0% + 0.010 OD) 2.000-3.000 OD Better than (1.5% + 0.010 OD).</li> <li>• Plate shaking mode should be included</li> <li>• Should provide with suitable computer &amp; user-friendly software Operating system.</li> <li>• Size should be compact and suitably benchtop</li> <li>• Should contain electrical power adaptors and all other data acquisition cables of computer etc.</li> </ul>	1 no.
Tender Form fee : Rs.1000/-+ GST 12%		
EMD – Rs. 4000/-		
Place and date of issue of the tender form: Online(www.etenders.kerala.gov.in)		
Last date & time of receipt of filled tender bids: 13.12.2024 Upto 5.00PM		
Date & time of opening of tender bids : 16.12.2024 at 10.00 AM		
<b>Dr. V Arunachalam</b> <b>DIRECTOR JNTBGRI</b>		