

**KERALA AGRICULTURAL UNIVERSITY**  
**COLLEGE OF HORTICULTURE, VELLANIKKARA**

**QUOTATION NOTICE**

No. KAU/COH/NWP/2016-17

Dated: 20-01-2017

Sealed superscribed quotations are invited for the supply of pH meter, Hotplate, Fume hood and Muffle furnace for the laboratory in the Department of Soil Science and Agricultural Chemistry, College of Horticulture.

Sl. No	Item	Specification	No. of Items
1.	pH meter	<p>pH</p> <ul style="list-style-type: none"> <li>• Range; 0 to 14 pH * Resolution; 0.01 pH</li> <li>• Accuracy; <math>\pm 0.01</math> pH * Cal. Points Up to 5</li> <li>• Buffer sets: 2, 4, 7, 10</li> </ul> <p>ORP</p> <ul style="list-style-type: none"> <li>• Range;<math>\pm 2000</math> mV * Rel. mV Range ;<math>\pm 2000</math> mV</li> <li>• Resolution; 0.1 mV (<math>\pm 199.9</math> mV) / 1 mV</li> <li>• Accuracy; <math>\pm 0.2</math> mV (<math>\pm 199.9</math> mV)/ <math>\pm 2</math> mV</li> </ul> <p>Temperature</p> <ul style="list-style-type: none"> <li>• Range : 0.0 to 100.0 °C / 32.0 to 212.0 °F</li> <li>• Resolution; 0.1 °C / 0.1 °F</li> <li>• Accuracy; <math>\pm 0.3</math> °C /<math>\pm 0.5</math> °F (0 to 70 °C )</li> </ul> <p>BNC connector 1 m cable length. Indigenous electrode holder and power adapter.</p>	1
2.	Hotplate	<ul style="list-style-type: none"> <li>• Size: 30x45 cm</li> <li>• Power: 2.0 KW</li> <li>• M.S. Powder coated body</li> <li>• Hotplate surface is fabricated with thick SS sheet.</li> <li>• Temperature regulated by energy regulator.</li> </ul>	1
3.	Fume hood	<ul style="list-style-type: none"> <li>• Working table size: 120x60x60 cm</li> <li>• Light: Chamber should be provided with standard fluorescent light.</li> <li>• The working table is covered with acid proof glazed tiles or granite slab of 20 mm thick provided with water tap and stainless steel or ceramic sink as required.</li> </ul>	1

		<ul style="list-style-type: none"> <li>• Provided with Gas/Air cock, additional power points</li> <li>• The Exhaust system consists of a dynamically balanced epoxy coated impeller coupled with TEFC industrial motor.</li> <li>• The front glass shutter is provided with counter weight arrangement for easy vertical sliding.</li> <li>• Installation and testing of the instrument at the Institute by an expert engineer and should be free of cost.</li> </ul>	
4.	Muffle furnace	<ul style="list-style-type: none"> <li>• Internal dimension in cm: 10x10x22</li> <li>• Maximum temperature :1000°C</li> <li>• Working temperature: 900 °C controlled by Energy regulator fitted with thermo – couple, pyrometer Analog type.</li> <li>• Should be provided with thermal fuse</li> </ul>	1

The quotations addressed to the Associate Dean, College of Horticulture, Kerala Agricultural University, Vellanikkara-680656, are invited for the supply of the above items. The sealed quotation should reach the undersigned on or before 3/02/2017. On acceptance of the quotations, the item should be supplied within two weeks of receipt of the supply order. The completed quotation along with 1% of the quoted amount as EMD (subjected to minimum of Rs. 1000/-) in the form of a separate demand draft as indicated above drawn in favour of the Associate Dean, and an agreement in Kerala Stamp Paper worth Rs. 100/- should be submitted on or before 3.P.M on 3/02/2017. The format of the agreement is available in the KAU website <http://kau.edu>.

The quotations will be opened on the same day at 3.30 P.M. The bidder to whom work tender has been awarded should deposit a security amount of 5 % of the cost as demand draft/FD in favour of Associate Dean, College of Horticulture, Kerala Agricultural University payable at S.B.T KAU Main Campus Branch and an agreement in Kerala stamp paper worth Rs. 100/-. The format of agreement available in the KAU website. The security will be released only after satisfactory performance during the warranty period. All rules and regulations concerned with government quotations will be followed here also.

The undersigned has the right to accept or reject the quotations.

Sd/-

Associate Dean