

**SUPPLY AND DELIVERY OF SCIENCE LAB EQUIPMENTS TO  
GOVERNMENT ARTS & SCIENCE COLLEGES AT VARIOUS  
PLACES IN TAMIL NADU**

**Corrigendum - I**

Please enclose the following pages in the tender document

Tender ID : col156573  
Tender Ref No. : R.C.No.47250/N1/2018  
Tender Title : Supply and Delivery of Science Lab  
Equipments

<u>Description</u>	<u>to be modified / included and read as</u>
<p><u>Description - 1 (page-41)</u> <b>2. Digital Balance</b></p> <ul style="list-style-type: none"> <li>• Capacity 0-150gm least count 0.1/0.01/0.001gm.</li> <li>0-200gm least count 0.1/0.01/0.001gm.</li> <li>0-250gm least count 0.1/0.01/0.001gm.</li> </ul>	<p><u>to be modified and read as</u></p> <ul style="list-style-type: none"> <li>• Capacity 0-200gm least count 0.001gm.</li> </ul>
<p><u>Description - 2 (page-42)</u> <b>3. Cathode Ray Oscilloscope (CRO) Digital Display</b></p> <ul style="list-style-type: none"> <li>• Horizontal: Scan speed Range (sec/div) : 1ns/div-50s/div.</li> <li>• Vertical: Band width 60MHz. rise time <math>\leq 1.2</math>ns Dynamic range <math>\pm</math> 5 div.</li> <li>• Display type: 5.7 inch</li> </ul>	<p><u>to be modified and read as</u></p> <ul style="list-style-type: none"> <li>• Horizontal: Scan speed Range (sec/div) : 5 ns/div-50s/div.</li> <li>• Vertical: Band width 60MHz. rise time <math>\leq 5.8</math> ns Dynamic range <math>\pm</math> 5 div.</li> <li>• Display type: 5.7 inch LCD</li> </ul>
<p><u>Description - 3 (page-43)</u> <b>6. Micro - Processor 8085</b></p> <p>Inlet 8085A</p>	<p><u>to be modified and read as</u></p> <p>Intel 8085 A</p>

<u>Description</u>	<u>to be modified / included and read as</u>
<u>Description – 4 (page-44)</u> <b>7. Function generator</b> <ul style="list-style-type: none"> <li>• Frequency display accuracy: upto 2Hz <math>\pm</math> (1%+3D) 2Hz-22MHz <math>\pm</math> 2MHz (<math>5 \times 10^{-5}</math>)+1D.</li> <li>• Display : 16x2 dotmatic (LED) display</li> </ul>	<u>to be modified and read as</u> <ul style="list-style-type: none"> <li>• Frequency display accuracy: upto 2Hz <math>\pm</math> (1%+3D) 2Hz-2 MHz <math>\pm</math> (<math>5 \times 10^{-5}</math>+1D).</li> <li>• Display : 16x2 dot-matrix (LCD) display</li> </ul>
<u>Description – 5 (page-44)</u> <b>8. Logic Trainer Kit</b> <ul style="list-style-type: none"> <li>• The kit complete with fixed 5v DC power supply.</li> <li>• 0 to +15v variable DC power supply.</li> <li>• 0 to -15v variable DC power supply.</li> </ul>	<u>to be modified and read as</u> <b>8. Digital IC Trainer Kit</b> <u>to be included and read as</u> <ul style="list-style-type: none"> <li>• 10 Logic input switches and 10 logic outputs with LED indication</li> <li>• short circuit protected and IC regulated 0, GND, +5V, +12V, -12V.</li> </ul>
<u>Description – 6 (page-45)</u> <b>3. Digital Electronic Balance</b>	<u>to be included and read as</u> <ul style="list-style-type: none"> <li>• with EMFC technology</li> </ul>
<u>Description – 7 (page-46)</u> <b>5. Electrical Waterbath</b>	<u>to be included and read as</u> <ul style="list-style-type: none"> <li>• Water level indicator</li> <li>• Dry run safety alarm</li> <li>• with concentric rings</li> <li>• Safety cut off technology</li> </ul>
<u>Description – 8 (page-46)</u> <b>8. Digital Control Hot air oven</b>	<u>to be included and read as</u> <ul style="list-style-type: none"> <li>• Rear heater</li> <li>• Auto cut off heater alarm</li> <li>• Natural convection mode</li> </ul>

<u>Description</u>	<u>to be modified / included and read as</u>
<u>Description – 9 (page-46)</u> <b>10. Digital Photo Colorimeter</b>	<u>to be included and read as</u> <ul style="list-style-type: none"> <li>• LED Display</li> </ul>
<u>Description – 10 (page-48)</u> <b>2. Student Microscope</b> <b>Eyepiece</b> <ul style="list-style-type: none"> <li>• 10x(WF) &amp; H15x</li> </ul>	<u>to be modified and read as</u> <b>Eyepiece</b> <ul style="list-style-type: none"> <li>• 10x &amp; 15x</li> </ul>
<u>Description – 11 (page-50)</u> <b>3. Binocular Microscope</b> <ul style="list-style-type: none"> <li>• Eyepiece H6x and HKW 10x (paired) focusable, lockable, anti-fungal eyepieces with foldable eye guards.</li> </ul>	<u>to be modified and read as</u> <ul style="list-style-type: none"> <li>• Eyepiece 6x and 10x (paired) focusable, lockable, anti-fungal eyepieces with foldable eye guards.</li> </ul>
<u>Description – 12 (page-51)</u> <b>4. Water Bath</b> <b>Description</b> <ul style="list-style-type: none"> <li>• 2L General Purpose Water Bath Certifications/Compliance – UL, CE</li> <li>• Clear Polycarbonate Gable cover, Diffuser Tray and Rubber Duck.</li> </ul>	<u>to be modified and read as</u> <b>Description</b> <ul style="list-style-type: none"> <li>• 2L General Purpose Water Bath Certifications/Compliance – CE</li> <li>• Stainless Steel Gable cover, Diffuser Tray and Rubber Duck.</li> </ul> <u>to be included and read as</u> <ul style="list-style-type: none"> <li>• Water level indicator</li> <li>• Dry run safety alarm</li> </ul>
<u>Description – 13 (page-51)</u> <b>4. Autoclave</b>	<u>to be included and read as</u> <ul style="list-style-type: none"> <li>• PED Certificate should follow ASME guidelines.</li> </ul>

<u>Description</u>	<u>to be modified / included and read as</u>
<u>Description – 14 (page- 54)</u> <b>4. Digital Balance</b> <ul style="list-style-type: none"> <li>• 0.005g resolution</li> <li>• Windscreen</li> </ul>	<u>to be modified and read as</u> <ul style="list-style-type: none"> <li>• 0.001g resolution</li> <li>• Wind draft shield</li> </ul> <u>to be included and read as</u> <ul style="list-style-type: none"> <li>• EMFC Technology</li> </ul>
<u>Description – 15 (page- 54)</u> <b>5. Autoclave</b>  LCD display and fully automatic microprocessor control, low water level alarm and cut off	<u>to be modified and read as</u> <ul style="list-style-type: none"> <li>• LED display and fully automatic microprocessor control, low water level alarm and cut off</li> </ul> <u>to be included and read as</u> <ul style="list-style-type: none"> <li>• Safety valve</li> <li>• Pressure Equipment Directive (PED)</li> <li>• Should follow (ASME) American Society of Mechanical Engineers guidelines</li> </ul>
<u>Description – 16 (page- 54)</u> <b>6. Refrigerated Centrifuge</b> <ul style="list-style-type: none"> <li>• Temperature Range : -20°C - 40°C</li> </ul>	<u>to be modified and read as</u> <ul style="list-style-type: none"> <li>• Temperature : -20°C</li> </ul>

\* CE certification is mandatory for all electronic devices.

**Last date for Submission of Tender – 08.01.2019, 3.00 P.M.,**