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## Corrigendum 1

**Subject: Corrigendum to Tender**

**Date: 16/03/2018**

Dear Sir/Madam,

The corrigendum against tender **Temperature and Humidity- Environmental Chamber** (MEE/TML/PALL/2017/LT001/THEC), dated on 10/03/2018 and due on 27.03.2018.

With reference to above tender, kindly note the following amendments;

### **(1) Time Extension**

Due date of tender submission date has been extended from 27/03/2018 to 02/04/2018 upto 3.00 PM. Opening of the tender shall be at 3:30 PM on same day.

### **(2) Pre-qualification criteria for bidders:**

- Only manufacturers or their authorized distributor or agent are eligible for tendering. Authorization letter from the Original Equipment Manufacturer (OEM) needs to be enclosed with the technical bid. The bidder and the OEM should be in business in India for at least 5 years.
- The bidder or the OEM must have documented experience of similar installation in government organizations with not less than 10 in last three years. Supporting documents to be enclosed with the technical bid.

### **(3) Specifications**

Temperature	<ul style="list-style-type: none"><li>● Range: -20 to 150 C</li><li>● Temperature fluctuations of within 0.5 degree Celsius <b>during continuous use of 10 hours.</b></li><li>● Allowable temperature variation with space: within 2 degree Celsius.</li><li>● <b>Heat up rate: 3.0 °C/min</b></li><li>● <b>Pull down rate: 2.0 °C/min</b></li></ul>
Humidity	<ul style="list-style-type: none"><li>● Range: 20 to 95 % RH</li></ul>

	<ul style="list-style-type: none"> <li>• Humidity fluctuations of below 3% RH.</li> <li>• Non-woven fabric wick for better accurate humidity reading</li> </ul>
Refrigeration system	<ul style="list-style-type: none"> <li>• Mechanical single stage compression cooling</li> <li>• Low noise type Rotary compressor</li> <li>• Electronic Expansion valve</li> </ul>
Power Supply	As per 3 –phase/single-phase power rating standards in India.
Air circulator type	Cross flow radial fan spread through complete width of the work space of the chamber
Internal capacity	200-250 L
<b>Outside dimension</b>	<b>Should be below 1000 mm x 1600 mm x 1200 mm</b>
Water supply	Built in water tank of capacity more than 15 L
Cable port	Diameter of 50 mm and 100 mm <b>each with two sets of cable port rubber plug.</b>
View window	Size of ~450mmx700 mm with optical accessible glass <b>without any traces of condensate at any operating conditions.</b>
Chamber body material	External stainless steel rust proof material
Operation modes	Constant operation, program operation, remote operation (optional)
Software - GUI	<ul style="list-style-type: none"> <li>• To store and report measured temperature and relative humidity values.</li> <li>• To edit program operation.</li> <li>• <b>In built help menu to identify any problems during operation.</b></li> </ul>
Safety	<ul style="list-style-type: none"> <li>• Over current protection for refrigerator, humidifier.</li> <li>• Short circuit protection for air circulator, refrigerator.</li> <li>• Control circuit over current protection</li> <li>• System error alarm</li> <li>• Overheat protector</li> <li>• Burnout detection circuit</li> <li>• Phase prevention relay</li> <li>• <b>Over cool protector</b></li> </ul>

Fittings & Standard accessories	<ul style="list-style-type: none"><li>• USB memory port</li><li>• Dew tray</li><li>• Drain hose (~ 1m)</li><li>• Chamber lamp</li></ul>
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**\*added specifications are highlighted with red font**

All other terms and conditions of the tender remain unchanged. Kindly submit your offer along with this corrigendum.

Yours sincerely,



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