Minutes of the Pre-Bid conference

Tender Notification No.: NITT/F.NO: 002/UG LAB MODERNISATION/PLAN 2013-2014/MME

The pre-bid conference was held on 19.12.2013 at 11:30 a.m. in the committee room of MME to discuss the specification published in the tender. All other terms and conditions mentioned in the tender document remains same.

Based on the discussion, the committee recommends the following amendments to the specification.

### Specification for Accelerated Corrosion Chamber

<table>
<thead>
<tr>
<th>ITEM</th>
<th>Original tender specification</th>
<th>Amended specification</th>
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</thead>
<tbody>
<tr>
<td>Chamber Capacity</td>
<td>430-460 Ltrs</td>
<td>No Amendment</td>
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<tr>
<td>Metric Format</td>
<td>Floor standing</td>
<td>No Amendment</td>
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<tr>
<td>Loading threshold</td>
<td>780-820mm</td>
<td>No Amendment</td>
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<tr>
<td>Chamber external dimensions, max W, D, H</td>
<td>1650-1670mm, 830-850mm, 1500-1520mm</td>
<td>No Amendment</td>
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<tr>
<td>Chamber internal dimensions, max W, D, H</td>
<td>1000-1020mm, 630-650mm, 1130-1150mm</td>
<td>No Amendment</td>
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<tr>
<td>Salt solution reservoir ext. dimensions W, D, H</td>
<td>450-470mm, 610-630mm, 660-680mm</td>
<td>No Amendment</td>
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<tr>
<td>Salt solution reservoir capacity</td>
<td>75-85 Ltrs</td>
<td>No Amendment</td>
</tr>
<tr>
<td>Removable slotted sample racks</td>
<td>6 racks, 28 angled slots</td>
<td>No Amendment</td>
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<tr>
<td>Salt spray mode</td>
<td>Adjustable from ambient to 50 degree</td>
<td>No Amendment</td>
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<tr>
<td>Salt spray fall out rates</td>
<td>Adjustable from 0.5 to 2.5 ml per 80cm² per hour</td>
<td>No Amendment</td>
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<tr>
<td>Drying mode temperature range</td>
<td>Adjustable from ambient to 70 degree C</td>
<td>No Amendment</td>
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<tr>
<td>Wetting mode temperature range</td>
<td>Adjustable from ambient to 60 degree C, Humidity range should be (95% - 100%) RH</td>
<td>No Amendment</td>
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<tr>
<td>Chamber construction</td>
<td>Glass reinforced plastic, Polypropylene / PVC parts</td>
<td>No Amendment</td>
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<tr>
<td>Low loading threshold</td>
<td>For loading &amp; unloading the samples</td>
<td>No Amendment</td>
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<tr>
<td>Color</td>
<td>Standard</td>
<td>No Amendment</td>
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<tr>
<td>Open &amp; close can</td>
<td>Pneumatically operated</td>
<td>No Amendment</td>
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<tr>
<td>Accessibility</td>
<td>A real time, user configurable clock to enable different test samples to be batched and have their exposure time monitored separately, with alarms to warn when a pre-set test period has been completed. Machine should have Purge specialty &amp; Interior viewing window specialty. Full colour touch screen control interface for ease of programming.</td>
<td>No Amendment</td>
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<tr>
<td><strong>Required accessories</strong></td>
<td><strong>Electrical Accessories</strong></td>
<td>Required MCB, fuse and other necessary electrical accessories for 3 phase supply to be quoted.</td>
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<tr>
<td><strong>Air Pressure System</strong></td>
<td>The required air pressure system (air compressor unit) should be quoted along with main system</td>
<td>No Amendment</td>
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<tr>
<td><strong>Operating Environment</strong></td>
<td>Proper cooling unit is required to maintain +15°C to +30°C</td>
<td>No Amendment</td>
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<tr>
<td><strong>Stabilizer</strong></td>
<td>5 KVA industrial stabilizer</td>
<td>No Amendment</td>
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<tr>
<td><strong>Tools and Cabinet</strong></td>
<td>Required Tools and Consumables Storage Cabinet</td>
<td>No Amendment</td>
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<tr>
<td><strong>Hand held pH meter</strong></td>
<td>Digital pH meter, for measuring the pH of salt solutions fallout over range 0-14 pH with a resolution of 0.01 pH</td>
<td>No Amendment</td>
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<tr>
<td><strong>Recording and Monitoring System</strong></td>
<td>Higher end sophisticated system</td>
<td>No Amendment</td>
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<td><strong>Testing Standards</strong></td>
<td>The equipment may be able to perform test according to the following standards,</td>
<td>No Amendment</td>
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<td>➢ Cyclic corrosion test conforms to CCT1, CCT2, GA9540P, JIS H 8502 METHOD 4 or 5, etc…</td>
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<td>➢ Condensation humidity test conforms to DIN 50 017-KK &amp; KFW, SWAT test, etc…</td>
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<td>➢ Salt spray test conforms to ASTM B117, CASS, ISO 9227, ASTM B368, VG95210, etc…</td>
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<td>➢ Apart from the above standards SO2 - Test facility – may be quoted as optional</td>
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<td><strong>Full technical Specification with Pamphlet required</strong></td>
<td>No Amendment</td>
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Initiating faculty – NIT T