

**Tender Notification No.: NITT/F.NO:RES002/PLAN2013-14/PRO**

**dt: 15.11.2013**

With reference to the above tender notification and the pre-bid conference held on 21.11.2013 at 3.00 PM in the committee room of CECASE, the following amendments are made. All other terms and conditions mentioned in the tender document remains same.

**Specification for Corrosion wear monitor**

Original tender specification	Amended specification
<p><b>(i) Equipment specification</b></p> <p>Set-up : Inverted Pin/Ball-on-Disc (as shown in <b>Figure 1</b>)</p> <p>Pin diameter and Length (mm) (minimum) : 4-6 and 5</p> <p>Ball diameter (mm) (minimum) : 2-6</p> <p>Disc diameter and thickness (mm) : 40-60 and 10</p> <p>Wear track diameter (mm) : 20-40</p> <p>Rotational speed of disc (RPM) (minimum range): 10-100 (variable)</p> <p>Test load (N) (minimum range) : 0-80 (in steps of 10N)</p> <p>Depth of wear (<math>\mu\text{m}</math>) (minimum range) : 0-2000 (@ 1<math>\mu\text{m}</math> resolution)</p> <p>Environment chamber: A closed chamber of minimum 5 litres capacity around the pin-disc pair to study the effect of wear under environments such as corrosive media and lubricant.</p>	<p><b>No amendment</b></p>
<p><b>Mandatory Requirements:</b></p> <ul style="list-style-type: none"> <li>• Standard data acquisition software to collect data such as frictional force, depth of wear and temperature. The software should include post processing of data such as viewing, comparing and exporting.</li> <li>• Suitable probes/sensors for on-line measurement of frictional force and depth of wear.</li> <li>• The software should be capable of on-line elimination of wobble effect.</li> <li>• All spindle drives should be servo controlled.</li> </ul>	<p><b>No amendment</b></p>
<p><b>(ii) System Requirements</b></p> <p>Processor :3rd Generation Intel® Core™ i5-3340s processor (6M Cache, 3.3 GHz)</p> <p>Operating System: Windows 7 Single Language, English</p> <p>Memory : 4GB DDR3 SDRAM, 1600MHz-1X4GB</p> <p>Hard Drive : 3.5" 1TB 7200RPM SATA Hard Drive, 1X1TB</p> <p>Video Card : NVIDIA® GeForce® GT 620 1GB DDR3</p> <p>Optical Drive:12.7" SATA tray load DVD+/-RW</p>	<p><b>No amendment</b></p>

Monitor: 23" FH1920 x 1080 (Full HD) Non Touch., with wireless keyboard and mouse.

Webcam : Integrated 1.0 mega pixel

Speaker: HD Audio with Waves MaxxAudio® 3

UPS : 1 KVA

Note: The following additional documents are mandatory for technical qualification. Otherwise the bid will be technically rejected: a) References (with full postal address and name of the contact person with phone, FAX numbers, and E-Mail id) from at least two end-users to whom the quoted model was supplied during the last three years ending 31.03.2013.

Note: The following additional documents are mandatory for technical qualification. Otherwise the bid will be technically rejected: a) References (with full postal address and name of the contact person with phone, FAX numbers, and E-Mail id) from at least two end-users to whom the quoted model / similar model was supplied during the last three years ending 31.03.2013.

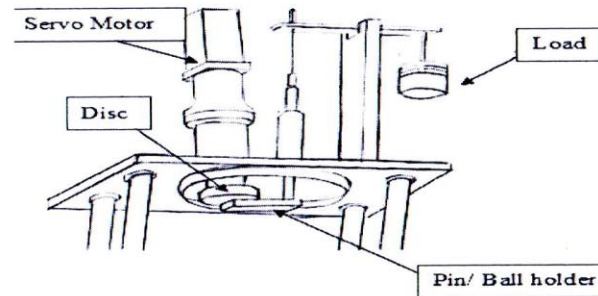


Figure 1. Test configurations of roller-on-roller, roller-on-pin and roller-on-ball.

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21/11/13  
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