



Madhya Pradesh State Electronics Development Corporation Ltd.

State IT Centre, 47-A, Arera Hills, Bhopal – 462 011

CORRIGENDUM-1

Date: 18th January, 2016

Tender No. MPSEDC/ETDC/2015/302 DATED 29.12.2015

Supply and Installation of Calibrators for Testing and Calibration of Equipments as per BIS Standard at MPSEDC Calibration Lab, Bhopal (M.P.)

*The last date of submission of offers has been extended from 20th January, 2016 to **27th January 2016 (Wednesday)** at 3:00 pm. The technical bid will be opened on the same day at 4:00 pm.*

Page No. 10. 2. ENVIRONMENTAL TEST CHAMBER

The chamber should be designed for the following tests: Humidity test, Soaking test, Dry heat test, Damp heat test, Cold test, Stress relief test, Ageing processes, Salt spray, Thermal cycle and Preferred climatic categories as per IS specifications.

SPECIFICATIONS AS PER TENDER			AMENDED SPECIFICATIONS	
Sl. No.	PARAMETER	SPECIFICATION	PARAMETER	SPECIFICATION
1	Chamber Volume	990 to 1000 Liters	Chamber Volume	990 to 1000 Liters
2	Chamber Working Size	950 H X 1100 W X 950 D (Minimum); Tolerance: +/- 10 mm	Chamber Working Size	950 H X 1100 W X 950 D (Minimum); Tolerance: +/- 10 mm
3	Temperature Range	-70°C to +180°C, stability ± 1 °C	Temperature Range	-40°C to +180°C, stability ± 1 °C
4	Humidity Range	10% to 95% RH, ± 1 to 3% tolerance	Humidity Range	40% to 95% RH, ± 1 to 3% tolerance
5	Digital Microprocessor based, PID, Temperature Indicator cum controller with display resolution	0.1°C.	Digital Microprocessor based, PID, Temperature Indicator cum controller with display resolution	0.1°C.
6	Digital Microprocessor based, PID, Temperature Indicator cum controller with display resolution	1% Rh (Direct reading)	Digital Microprocessor based, PID, Relative Humidity Indicator cum controller with display resolution	1% Rh (Direct reading)
7	Display Accuracy	±0.5%, Full scale.	Display Accuracy	±0.5% Full scale.
8	Temperature controlling Accuracy:	± 2°C	Temperature controlling Accuracy:	± 2°C



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9	Humidity controlling Accuracy	± 2-3%@40% to 90% Rh.	Humidity controlling Accuracy	± 2-3%@40% to 95% Rh.
10	Sensors for Dry and wet temperature measurements	Class A Grade PT-100(RTD)	Sensors for Dry and wet temperature measurements	Class A Grade PT-100(RTD)
11	Construction	Vertical Model Inner Chamber Made of Dully Polished Stainless Steel,304 Grade. Outer made of Mild Steel Powder Coated.	Construction	Vertical Model Inner Chamber Made of Dully Polished Stainless Steel,304 Grade. Outer made of Mild Steel Powder Coated.
12	Insulation	PUF and Glass Wool/Ceramic Blanket.	Insulation	PUF and Glass Wool/Ceramic Blanket.
13	Ramp Rate	Not mentioned	Ramp Rate	1°C to 5°C Variable
14	Controls	Not mentioned	Controls	Programmable
15	Port Holes	Not mentioned	Port Holes	50mm Dia 01 No.
16	Specimen Protection	Not Mentioned	Specimen Protection	Should be provided
17	Viewing Window	Not Mentioned	Viewing Window	Five Pan Vacuumised toughened glass size 300 x 200 mm
18	Accessories		Accessories	
<p>The chamber should be designed for the following tests: Humidity test, Soaking test, Dry heat test, Damp heat test, Cold test, Stress relief test, Ageing processes, Salt spray, Thermal cycle and Preferred climatic categories as per IS specifications.</p>			<p>The chamber should be designed for the following tests: Humidity test, Soaking test, Dry heat test, Damp heat test, Cold test, Stress relief test, Ageing processes, Salt spray, Thermal cycle and Preferred climatic categories as per IS specifications. Bidder can supply a separate chamber for salt spray test. The rate quoted should be inclusive of chamber for salt spray Test.</p>	

All other terms & conditions remain unchanged

sd/-

Chief General Manager

M P State Electronics Dev. Corp. Ltd.
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