FOUNDATION FOR SCIENCE INNOVATION & DEVELOPMENT (FSID)
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CORRIGENDUM NOTICE

Bid Reference No.:- FSID/ME/30/25-26

Description – Procurement of Mercury Intrusion Porosimeter and Capillary Flow Porometer.

Sl. No.	Ref	Existing Terms & Conditions	Read As
2	**SECTION – VI- TECHNICAL SPECIFICATIONS**	Technical Features: -Mercury intrusion porosimetry based on Washburn equation - Combined low-pressure and high-pressure modules in a single instrument - Pressure range from vacuum to 75,000 psia - Capable of measuring pore diameters from ~2100 µm down to ~1.0 nm - High-accuracy pressure transducers for reproducible measurements	Technical Features: -Mercury intrusion porosimetry based on Washburn equation - Combined low-pressure and high-pressure modules in a single instrument - Pressure range from 20 psi to 65,000 psia - Capable of measuring pore diameters from ~1100 µm down to ~4.0 nm - High-accuracy pressure transducers for reproducible measurements
5	**SECTION - II- (A) - 23**	Pressure & Measurement Accuracy: Pressure transducer accuracy: ±0.1 % of full scale or better - Volume resolution: ≤ 0.00001 cc - High reproducibility across repeated measurements - Software-adjustable parameters such as contact angle and surface tension	Pressure & Measurement Accuracy: Pressure transducer accuracy: ±0.11 % of full scale or better - Volume resolution: 0.5 mL cell, 0.03 µL (0.003 µL/g), 2 mL cell, 0.09 µL (0.009µL/g) - High reproducibility across repeated measurements - Software-adjustable parameters such as contact angle and surface tension

Description – Capillary Flow Porometer.

Sl. No.	Ref	Existing Terms & Conditions	Read As
2	**SECTION – VI- TECHNICAL SPECIFICATIONS**	Technical Capabilities: - Pore size measurement range: < 0.01 µm to 800 µm - Maximum operating pressure: up to 800 psi (50 bar) - Pressure sensors: 0–8 psi, 0–200 psi, and 0–800 psi - Dual mass flow sensors with automatic switching (0–15 L/min and 0–250 L/min) - High-resolution pressure and flow sensing for accurate pore analysis	Technical Capabilities: - Pore size measurement range: 0.013 µm to >500 µm - Maximum operating pressure: up to 500 psi (50 bar) - Pressure sensors: 0–5 psi, 0–100 psi, and 0–500 psi - Dual mass flow sensors with automatic switching (0–10 L/min and 0–200 L/min) - High-resolution pressure and flow sensing for accurate pore analysis
3		Pressure Control and Sensors : Multi-range pressure controllers with automatic	Pressure Control and Sensors : Multi-range pressure controllers with

		ramp control Pressure range: up to 800 psi (53.5 bar) or better Independent precision pressure sensors for accurate sample pressure measurement High pressure stability and resolution to ensure accurate bubble point detection.	automatic ramp control Pressure range: from 0.015 to 500 psi (34 bar) or better Independent precision pressure sensors for accurate sample pressure measurement High pressure stability and resolution to ensure accurate bubble point detection.
4		Flow measurement: (i) Low flow range (e.g., 0–15 L/min) (ii) High flow range (e.g., 0–250 L/min)	(i) Low flow range (e.g., 0–10 L/min) (ii) High flow range (e.g., 0–200 L/min)
5		Gas Handling -Minimum four gas analysis ports + one calibration/titration port - Automated gas switching manifold - Variable mass flow control for precise gas flow regulation during sequences -In-line cold trap with bypass for condensable species protection The temperature resolution should be ±0.01 °C Suitable chiller system is to be provided.	This section to be removed

All other terms and conditions remains unchanged

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