

Central Glass & Ceramic Research Institute
KOLKATA (WEST BENGAL) INDIA

REVISED CORRIGENDUM

REFERENCE NO. :- P/NC/65/GCS/SO (SB)/GTE/21-22

DATE: 20/12/2021

NAME OF EQUIPMENT: CAPILLARY THROUGH-FLOW PORE MEASUREMENT INSTRUMENT NANO RANGE

EARLIER CORRIGENDUM DATED 17/12/2021 STANDS CANCELLED.


NOTE: BID TO BE SUBMITTED IN "SINGLE STAGE TWO ENVELOPE SYSTEM (TWO BIS SYSTEM)" MANUALLY IN SEALED COVER IN THE TENDER-BOX OF THE LAB-TWO SEPARATE ENVELOPES (1) TECHNO-COMMERCIAL (UN-PRICED) BID AND (2) COMMERCIAL /PRICE-BOTH THE ENVELOPES SHOULD BE KEPT IN ONE ANOTHER ENVELOPE BY THE VENDOR.

CONSEQUENT TO THE PRE-BID MEETING HELD ON 03/12/2021, THE REVISED SPECIFICATION IS GIVEN BELOW:-

Capillary through-flow pore Measurement Instrument: Nano range

- i) Pore size range : minimum \leq 18 nm, Maximum at least 50 nm.
- ii) Measuring parameters: First Flow Point (FFP) pore size, Mean flow pore (MFP) size & pressure, Smallest pore size (SP) pressure & number, Mean pore diameter (MPD), Cumulative flow distribution, Gas permeability
- iii) Pressure range : 0 to at least 500 psi
- iv) Flow sensor range: 1 μ l/min to at least 10 L/min
- v) Sample for analysis: flat sheet, Hollow fibre, hollow tube: suitable sample holders for these samples should be provided along with the main instrument.
- vi) Sample shape for size :
 - (a) Flat sample: ϕ 5 mm – 50 mm, sample thickness: at least 9mm
 - (b) Hollow fibre Outer dia : 1 mm – 3mm, sample length: at least 200mm
 - (c) Hollow cylindrical tube Outer dia : 3 mm – 45 mm, length : 30 mm – 100 mmData acquisition system: Software, operating system with External PC of reputed make (not assembled) [i5 processor, 512 GB SSD & 1TB HDD, 16GB RAM, 4GB NVIDIA graphic card, 29 inch TFT monitor, UPS, Laser jet colour printer, Windows 11 with installation CD, Microsoft Office XP full version, antivirus (reputed make like Quick heal / McAfee or equivalent – at least 3 yrs warranty)
- vii) Warranty : 1 years
- xi) Installation at CSIR-CGCRI & training for three persons for 5 working days

All other Tender terms and conditions remain unchanged.


(A.K.Pandey)
Stores & Purchase Officer

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