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

REFERENCE NO. : - P/NC/65/GCS/SO (SB)/GTE/21-22 DATE: 17/12/2021

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

NOTE: The Bids must be submitted in the Central Public Procurement Portal (URL:https://etenders.gov.in/eprocure/app) only. Manual/Offline bids shall not be accepted under any circumstances. Bidders should quote in INR only.

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 ≤ 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 µl/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 mm
vii) Data 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 / McAtee or equivalent – at least 3 yrs warranty)
viii) Warranty : 1 years
ix) Installation at CSIR-CGCRI & training for three persons for 5 working days

All other Tender terms and conditions remain unchanged.

अंजनी कुमार पाण्डेय/Anjani Kumar Pandey
भण्डार एवं क्रय अधिकारी/Stores & Purchase Officer
सीएसआईआर - केन्द्रीय काँच एवं सिरामिक अनुसंधान संस्थान
CSIR - CENTRAL GLASS & CERAMIC RESEARCH INSTITUTE
196, राजा एस. सी. मल्लिक रोड / 196, Raja S. C. Mullick Road
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17.12.2021

(A.K.Pandey)
Stores & Purchase Officer

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