

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

REFERENCE NO. : - P/NC/26/SS/SO/OTE/24-25

DATE: 17/09/2024

NAME OF EQUIPMENT: INSTALLATION, COMMISSIONING, DEMONSTRATION & TRAINING OF "TENSILE TESTER (BENCH TOP)" [CPP PORTAL TENDER ID 2024\_CSIR\_206283\_1].

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 04/09/2024, THE REVISED TECHNICAL SPECIFICATION IS ATTACHED IN ANNEXURE -I GIVEN BELOW:-

Further ,the following changes are also made in bid submission and opening dates.

|                                |                                |
|--------------------------------|--------------------------------|
| Bid Submission End Date & Time | 03/10/2024 up to 3.30 PM (IST) |
| Bid Opening Date & Time        | 04/10/2024 at 3.30 PM(IST)     |

All other Tender terms and conditions remain unchanged.

  
17/9/2024  
Stores & Purchase Officer

#\*\*\*\*\*#  
भण्डार एवं क्रय अधिकारी/Stores & Purchase#  
सीएसआईआर - केन्द्रीय काँच एवं सिरामिक अनुसंधान केंद्र  
CSIR - CENTRAL GLASS & CERAMIC RESEARCH INSTITUTE  
196, राजा एस. सी. मल्लिक रोड / 196, Raja S. C. Mallik Road  
कोलकाता / Kolkata- 700 032

**TENSILE TESTER (BENCH-TOP)**

- (i) Load cell capacity: 1kN
- (ii) Class of the load cell: Class A
- (iii) Load cell resolution: 0.02N or lesser
- (iv) Accuracy of load cell:  $\pm 0.5\%$  of reading
- (v) Interchangeable load cell: Auto recognition of load cell
- (vi) Crosshead travel: at least 950mm
- (vii) Displacement resolution: At least 0.001 mm
- (viii) Positional accuracy: at least 0.01 mm
- (ix) Speed range : 0.1 to 1000 mm/min
- (x) Speed resolution: At least 0.1mm/min
- (xi) Max no. of cycles per test: 9000 cycles
- (xii) Electrical: Input power : Voltage: 230V50Hz Single phase
- (xiii) Pneumatic type grips:1kN (dimension at least 30mmX30mm): 01 pair  
Our sample thickness ideally varies between 0.01 mm to 0.6mm. Grips may be designed accordingly
- (xiv) Maximum dimension of the machine: Height 1500mm; Width: 300mm; Depth: 450mm
- (xv) Maximum weight of the machine: 30Kg.
- (xvi) Safety:(a) Dual emergency safety switches (upper and lower limit switches)
- (xvii) Compressor: suitable to hold the pneumatic grip as mentioned in point no (xiii)with necessary attachments to couple with the main instrument
- (xviii) Machine should have provision for both Tensile and Compression tests
- (xix) Software: Should contain user friendly icon-driven interface and workspace for data acquisition and analysis. Evaluation/analysis of data and documentation should have the following:
  - (a) Data calculations: there should be provision for data acquisition and analysis
  - (b) User defined report generation should have provision of three axes X, Y1 and Y2 in graph.
  - (c) Facility to store & export results in various format like word/ excel/ CSV / PDF
  - (d) Facility to share test results promptly using QR code or suitable hyperlink
- (xx) All technical parameters mentioned above should be supported in product technical brochure
- (xxi) Vendor should have supplied at least **one** no of similar instrument to Govt. R&D/Academic Institutions in the last **two** years.
- (xxii) Desktop: i) Processor: Intel Core i5/higher; RAM: 8 GB; Internal Storage: 512 GB SSD; Operating system: Windows 11