

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

REFERENCE NO. : - P/NC/05/SKS(KHURJA)SO/OTE/24-25

DATE: 21/10/2024

NAME OF EQUIPMENT: INSTALLATION, COMMISSIONING, DEMONSTRATION & TRAINING OF "LASER DIFFRACTION PARTICLE SIZE ANALYSER" [CPP PORTAL TENDER ID 2024_CSIR_208853_1].

NOTE: The Bids must be submitted in the Central Public Procurement Portal (URL:<https://etenders.gov.in/e procure/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 27/09/2024, 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	05/11/2024 up to 3.30 PM (IST)
Bid Opening Date & Time	06/11/2024 at 3.30 PM(IST)

All other Tender terms and conditions remain unchanged.


Stores & Purchase Officer

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भण्डार एवं क्रय अधिकारी/Stores & Purchase Officer
सीएसआईआर - केन्द्रीय कौशल एवं विज्ञान अनुसंधान संस्थान
CSIR - CENTRAL GLASS & CERAMIC RESEARCH INSTITUTE
196, राजा एस. सी. मुल्लिक रोड / 196, Raja S. C. Mullick Road
कोलकाता / Kolkata- 700 032

ANNEXURE- 1

Name of the equipment: Laser Diffraction Particle Size Analyser**Scope of the work: Supply, installation and commissioning**

Description	Technical specification
Particle size	0.2µm to 10µm or wider range
Working temperature	Room Temperature
Principle of measurement	Laser diffraction and Mie light scattering theory
Indented Application	Particle Size measurement of Slurries, emulsions, etc.
Optical alignment	Auto-alignment
Test sampling system	<ul style="list-style-type: none"> • Ultrasonic probe 30 watt or higher • Slurry circulation system with Peristaltic Pump /centrifugal pump with bubble eliminating system • Sampling volume: 100ml minimum • Compatible to measure Ceramic slurries made with water, acetone, ethanol etc.
Analysis time	≤1 min
Accuracy	Within ±3% variation with respect to standard samples
Calibration Standards	<ul style="list-style-type: none"> • 01 no. standard should be supplied by the supplier with traceability certificate for calibration of Ceramic slurries made with water, acetone, ethanol, etc.
Computer, Printer and	HP/DELL/Lenovo or equivalent computer: Minimum configuration: Suitable processor capacity, 16GB RAM, 2TB HDD, DVD RW Drive, 19inch monitor. Operating System: Windows 11 Professional, 64 bit. Printer: Color laser printer

UPS	Suitable UPS with 30min power back up
Capability of user interface software	<p>Custom report generation for different applications</p> <p>User friendly window for input parameters</p> <p>Single page result and analysis display</p> <p>Customizable templates with analytical reports for volume % and/or intensity, d_{50}, etc.</p>
Warranty	1 year comprehensive warranty from the date of installation
Training	2days training by qualified and experienced engineers on operation, basic maintenance and troubleshooting must be provided for 2 -3 persons at CSIR-CGCRI, Khurja Centre, UP.
Installation & commissioning	Installation and commissioning should be done at buyer's site i.e. CSIR-CGCRI, Khurja Centre, UP
Performance and acceptance	Demonstration of particle size determination of standard sample should be supplied by vendor, proving out of equipment capability of determination particle size range as indicated in technical bid and demonstration of user interface software to complete satisfaction of the purchaser.
General technical terms and conditions	
<p>Bidder should have experience on installation of equipment being offered against the tender in the reputed organizations during the last 3-4 years.</p> <p>Contact details of previous customers for similar equipment must be attached with bid.</p>	