



CORRIGENDUM

REFERENCE NO. : - P/NC/94/PD/SO(AK)/GTE/22-23

DATE: 10/11/2023

NAME OF EQUIPMENT: "ULTRASONIC PULSE VELOCITY TYPE".

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 06/11/2023, THE REVISED SPECIFICATION IS GIVEN BELOW:-

Technical Specification of Ultrasonic Pulse Velocity Tester

Equipment Description	Ultrasonic Pulse Velocity Tester i. Ultrasonic pulse velocity determination ii. To assess the quality and homogeneity/ uniformity of the sample iii. To detect the location of voids, laminations, cracks or other type of defects iv. Thickness measurement of sample
Sample type	Ceramics, Refractory, Concrete/ Castable, Glass
Sample size	1. 30-160 mm (Length) X 3-40 mm (Height) X 3-40 mm (Width) 2. 12-50 mm (Dia) X 5-50 mm (Height)
Measurement modes	Pulse velocity, Crack depth, Distance, A-Scan, B-Scan, C-Scan, Area Scan with facility of 2D/3D visualization of defects and uniformity measurement with colour coding
Measuring range	0.1 – 7500 μ s
Bandwidth	20- 500 kHz
Measuring resolution	\leq 0.1 μ s
Pulse voltage	UPV - 100-425 Vpp . UPE - 100-375 Vpp
Transducers	Suitable transducers to carry out the stated measurements in the test samples with given sample size
Computer interface and Software	1. USB interface with computer, 2. Suitable software for data export, collection and analysis
Computer	Compatible laptop/computer (Minimum Configuration : Intel core i7 10 th Gen, 8 GB/512 SSD/ Windows 10) for data analysis
Calibration	Calibration standard with traceability
Complete with all necessary components to perform the analysis	Accessory Cable, Adapter Cable, power supply, USB Cable, Software, operation manual
Qualification criteria	Reference list of users of this or similar equipment supplied by the company. Vendors should have at least 2 to 3 numbers active installations of Ultrasonic Tester in Govt, CSIR Labs, NITs, IITs, IISER, IIST or reputed Industrial Lab.
Installation and Commissioning	Shall be provided by the Supplier/Manufacturer at buyers site
Training	Shall be provided by the Supplier/Manufacturer at buyers site for at least 2 days
Warranty Period	1 year from the date of successful installation, commissioning and training

Deadline for Submission of Bid and Opening of Bid is remain unchanged as given in CGCRI Tender No. **P/NC/94/PD/SO(AK)/GTE/22-23 dated 27/10/2023** which is as follows:-

Bid Submission End Date & Time	29/11/2023 upto 03.30 PM(IST)
Bid Opening Date & Time	30/11/2023 upto 03.30 PM(IST)

The above amendments shall amount to amendments of the relevant terms of our Bid Document for CGCRI Tender No. **P/NC/94/PD/SO(AK)/GTE/22-23 dated 27/11/2023.**

All other Tender terms and conditions remain unchanged.

अंजनी कुमार पाण्डेय/Anjani Kumar Pandey
घण्टार एवं क्रय अधिकारी/Stores & Purchase Officer
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10-11-2023
(A.K.Pandey)
Stores & Purchase Officer
FOR & ON BEHALF OF CSIR

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