

22<sup>nd</sup> Dec 2022

**ADDENDUM 01**

**Tender no.2022-23/07**

**GeM Bid No: GEM/2022/B/2788616 – (Computerized Universal Testing Machine (50 KN) with Electronic Extensometer and all Accessories (New))**

Sl.No.	Specification	Existing Specification Range / Value	Amended / Revised Tender Specifications Range / Value
5.10	Total crosshead travel	980mm or better	1200mm or more
5.11	Total Vertical Test Space	1200mm or more	980mm or better
7	Load Measurement		
7.1	Load Cell Capacity	50kN-1no.,10kN 1kN-1no.with provision foreasyattachmentwhenrequired	50kN-1no. 1kN- 1 no
8	Strain Measurement		
8.1	Extensometer	Fully Auto contact type extensometer	Extensometer for measurement of extension upto 1000mm or better
		Capable for use under ambient conditions as well as elevated and subzero temperature inside environmental chamber	This requirement is deleted
9	Grips & Fixtures (for Tensile, Flexural, Compression, Shear as per ASTM / ISO standards for Plastics, Elastomers, Fibers, FRPs, Films) -For all load cells (50 kN, & 1KN )	Surface HardnessHRC60	This requirement is deleted
		Warp grip suitable for seatbelts or similar samples	This requirement is deleted
		Flexural - three point bend and four point jig fixture complying to ASTM D 5943 for specimen support upto 10 kN and adjustable span 10 mm - 300 mm or equivalent	Grip complying to ASTM D 5943 has grip span of 20-200 mm as per standard
		Fixtures such as Tensile grips, mechanical wedge grips, roller grips, pneumatic vice grips should be suitable for low and high temperature testing and can be accommodated into environmental chamber upgradable to whenever required	Fixtures such as Tensile grips, mechanical wedge grips, pneumatic vice grips may be quoted along with machine cost. The technical brochure of grips quoted shall be submitted
20	Software and its additional Specification	Software to be able to perform cyclic tests and Segmented Control profiles under position, load and strain control modes	This requirement is deleted

The Bidders are requested to quote accordingly.



Principal Director (T)