

**Item Name: Ultra-High Precision 3D Scanner for Part Inspection (Small size parts) (Quantity - 1)**

**Technical Specification**

- Blue LED
- 3D point accuracy: 10 micron or better
- Part size 50x50x50 mm or higher
- 3D Resolution: 35 microns or lower
- Texture Capturing capability
- Colors 24bpp / SVGA
- Desktop Model with suitable system, software for model generation and inspection needs, cables and connectors
- Capable of providing various 3D mesh formats, CAD formats and to support measurement

**Terms and Conditions:**

- The equipment must have One Year warranty. Quote must include warranty and AMC cost for the 2<sup>nd</sup> and 3<sup>rd</sup> Year. Total cost for 3 years will be considered for the finance bid price comparison.
- The Quote must also include installation and delivery at IIT Madras.
- All necessary manuals, perpetual license of software (necessary for operation and maintenance) must be provided. Software Key must be provided for installation at other systems, in case of fault in the supplied system or software reinstallation situations.
- The ONE DAY training on the equipment utilization and maintenance must be provided.
- Quote must include essential cables, connectors, standard samples, consumable needed.
- The bidder must either be OEM or legal representatives of the OEM in India
- The supplier must have supplied and installed similar equipment / instrument of at least 3 in last 3 Years. Proof of supply and installation and location of the installation must be mentioned in the quote.