

Addendum No 1

Date: 06-02-2020

This is with reference to the tender notification for “**Optical Blue LED Light-Based 3D Scanning System**”, Tender Reference No: **NITK/CSD/TPEM//2019/OBLL/KMC-04** Dated: **23/01/2020**

Please note the following additions/changes to the technical specifications:

Sl. No.	Description	Updated Specifications	Old specifications
1	Resolution	Single or dual camera with stereo vision or CCD Camera cameras and single Projector Based System with 5 M to 8 Megapixels resolution or more	Single Camera & Projector Based System with 5 Megapixels Minimum CCD Camera
2	Mounting and Handling system	Stable studio stand with cantilever arm or High quality height adjustable Tripod with manual tilt axis for quick and easy manual sensor positioning. The tripod should be equipped with high-quality and smooth-running wheels for maximum maneuverability.	High quality height adjustable Tripod with manual tilt axis for quick and easy manual sensor positioning. The tripod should be equipped with high-quality and smooth-running wheels for maximum manoeuvrability.
3	Rotary table	One axis rotary table of diameter 200 mm (minimum) and load capacity should be 20 kg (Minimum). Resolution: 0.05° (or better), Rotation speed: maximum 10°/sec,	One axis rotary table of diameter 400 mm (minimum) and load capacity should be 100 kg (Minimum). Resolution: 0.05° (or better), Rotation speed: maximum 10°/sec
4	Triangulation angle	Fixed triangulation angle of 20° to 30° to ensure efficient and accurate measurements.	Fixed triangulation angle of 20° to ensure efficient and accurate measurements.
5	Optional Targets or Markers	Should be capable of measuring with / without the need for external targets or markers.	Should be capable of measuring without the need for external targets or markers.
6	Import of common CAD data formats	Step or IGES format or more	Catia V4 / V5, Pro/E, Unigraphics , SolidWorks, Parasolid, JtOpen, IGES
7	Data export to statistics Programs	Export in DMIS,I++,XML or qs-STAT, CSV format and many more	qs-STAT, CSV format
8	Software for statistical evaluations	Should be able to generate Cp, Cpk values. (Optional)	Should be able to generate Cp, Cpk values.

Sd/-
Buyer
(Dr.Krishnan C M C)

Sd/-
Coordinator
Centre for System Design

