

Commodity Description

Item No.	Description	Unit	Q'ty
1	Optical 3D deformation measuring system model (3D camera)	set	1

I . Performance and Specification

1. Two Digital high resolution CCD cameras: 6M pixel
 - Measuring area: larger than 2,500 mm x 2,000 mm
 - Frame rate: above 25 Hz
2. Complete image processing system (laptop)
 - 32 GB RAM, 512 GB SSD
3. Deformation & strain evaluation system (laptop)
 - 16 GB RAM, 512 GB SSD
4. Included a LED spot unit
5. Sensor controller for system
6. One measuring volume:
 - One pair of lenses
 - One calibration object
7. Including 3D deformation analysis software
 - Live deformation tracking
 - Importing of external images
 - Color representation of full-field 3D displacement and strain distribution
 - Report module: export reports as CSV table, PNG, PDF or video file
8. Tripod

II. Warranty : 1 year after completion of final acceptance