

3D Laser Scanning System Minimum Specifications:

Required Delivery Time:

All equipment must be delivered on or before September 30, 2016.

Required Operating Specifications:

Range Accuracy – 1.2 mm over full range

3D Position Accuracy – 3 mm at 50 meters, 6 mm at 100 meters

Scan Rate – achievable 1,000,000 points / second

Range – minimum 120 meters up to 270 meters

Camera – Internal camera included

Camera – Compatible with external camera

Field of View – Horizontal 360 degrees

Field of View – Vertical 270 degrees

Data Storage – Internal 256 GB

Data Storage – Compatible with USB external storage devices

Data Transfer – Integrated Wireless LAN and USB 2.0 compatible

Control Options – Touchscreen, Remote Control, and External Device (e.g. iPad) compatible

Display – Touchscreen control, full color 640 x 480 pixels

Power – Compatible with external and internal power

Battery – Internal Rechargeable Battery included

Operating Temperature: -20⁰ to +50⁰ C / -4⁰ to +122⁰ F

Humidity – 95% Non-condensing

Must be capable of operating in sunlight or low ambient light

Must be capable of operating indoors or outdoors

Required equipment/accessories/software/warranty/technical support:

Leica PS30 Laser Scanner

Leica ScanStation P30 Laser Scanner

GVP645, ScanStation C10/C5 transport container

GDF323 Tribrach PRO w/o optical plummet, black

GEB242, Large Li-Ion Battery 14.8V/5.8Ah (requires pro charger) for

GKL311 Single Charger Prof 3000. Charger for one Li-Ion battery

GEV228, ScanStation C10/P20 data cable, 2.5m, standard ethernet

GHM008, Scanner height meter

GHT196, Distance holder for height meter. Leica ScanStation P30/40 Quick Guide Leica

ScanStation P30/40 System USB Stick Software CD - Cyclone/CloudWorx

Software CD - Cyclone/CloudWorx

NIST Traceable Artifact Dual Target Kit

GZT21, 4.5" Circular Black&White Tilt-N-Turn Target (Quantity - 4)

GAD50, Adaptor (Quantity - 4)

Flat magnetic mount (Quantity - 4)

Soft Bag (Quantity - 2)

CCP Reactivate for Leica Cyclone – REGISTER

CCP for Leica Cyclone - REGISTER (1 yr)

Includes:

- Technical support by telephone and/or email
- Software module updates

CCP Reactivate for Leica Cyclone – SURVEY

CCP for Leica Cyclone - SURVEY (1 yr)

Includes:

- Technical support by telephone and/or email
- Software module updates

CCP for Leica Cyclone - PUBLISHER (1 yr)

Includes:

- Technical support by telephone and/or email
- Software module updates

1 Year ScanStation P30/40 CCP Basic

Required Provided Training:

4 Days On Site Consulting Services for Forensics