

## **Two (2) 3D Laser Scanning Systems Minimum Specifications:**

### **Required Delivery Time:**

All equipment must be delivered on or before December 15, 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: -20<sup>0</sup> to +50<sup>0</sup> C / -4<sup>0</sup> to +122<sup>0</sup> 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:**

Two (2) Leica ScanStation PS30 Laser Scanner Kits – **Each kit containing:**

- 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
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- 1 Year ScanStation P30/40 CCP Basic
- Includes ScanStation external camera option

Three (3) Rolling Base for Scanners and Instruments

Three (3) Instrument Floor Stand for ScanStation

Two (2) NIST Traceable Artifact Dual Target Kit

Eight (8) GZT21, 4.5" Circular Black&White Tilt-N-Turn Target

Eight (8) GAD50, Adaptor

Eight (8) Flat magnetic mount with 5/8" male threaded post

Two (2) Soft Bag

Three (3) Action Packer Equipment Box

Three (3) Forensic Data Collector

Two (2) CCP Reactivate for Leica Cyclone – REGISTER

Two (2) CCP for Leica Cyclone - REGISTER (1 yr)

Includes:

Technical support by telephone and/or email

Software module updates

Two (2) CCP Reactivate for Leica Cyclone – SURVEY

Two (2) CCP for Leica Cyclone - SURVEY (1 yr)

Includes:

Technical support by telephone and/or email

Software module updates

One (1) TruView Global Unlimited Version 2.0 Promotional Package

### **Trade In of Existing Scanners**

TBI is requesting the trade in of two existing Leica C5 laser scanners. Line one of this bid will ask for you to submit your price for the new PS30 scanners. There will be an additional question that will ask for the trade in value that you will offer for the existing C5 scanners.

**The State will use the cost of the new PS30 scanners minus the trade in value for the C5 scanners for the final evaluation amount.**