

## **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: -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:**

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

**Trade In of Existing Scanner**

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

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