



## AGENDA REPORT

**Meeting Date:** October 3, 2013  
**Item Number:** F-10  
**To:** Honorable Mayor & City Council  
**From:** David L. Snowden  
**Subject:** **AUTHORIZE A PURCHASE ORDER IN THE AMOUNT OF \$88,687 TO FARO TECHNOLOGIES, INC., FOR THE PURCHASE OF A 3D LASER SCANNER FOR MAPPING CRIME AND COLLISION SCENES**  
**Attachments:** None

---

### **RECOMMENDATION**

Staff recommends that the City Council move to approve a purchase order to FARO Technologies, Inc. in the amount of \$88,687 for the purchase of a FARO 3D Laser Scanner.

### **INTRODUCTION**

It is the vision of the Beverly Hills Police Department to become the model organization of the law enforcement profession through an uncompromising dedication to public service and continuous improvement in hiring, technology and law enforcement techniques. With the purchase of the FARO Focus 3D Laser Scanner system, the City will be a leader in the use of new technology to map and diagram crime and traffic collision scenes.

The FARO Focus 3D high speed Laser Scanner uses laser technology to produce incredibly detailed three-dimensional images of complex environments and geometries in only a few minutes. This technology is state of the art and represents the future of law enforcement crime scene and traffic collision mapping and diagramming. The technology will allow the Beverly Hills Police Department to process collision and crime scenes with more efficiency and with a higher degree of quality than the current equipment allows.

**DISCUSSION**

The current equipment used by the Police Department to map and diagram crime and traffic collision scenes requires two people to set-up and use in the field. The FARO Focus 3D high speed Laser Scanner will allow a single user to process a crime or traffic collision scene from start to finish and will reduce the staff time involved in documenting crime/collision scenes from several hours to less than an hour, in most cases. The efficient use of this system will also lessen the impact on vehicular traffic at collision scenes and allow officers to open intersections and/or roadways sooner.

This technology will allow Traffic, Detective and Crime Lab personnel to document a real time 3-dimensional view of the crime or traffic collision scene as it appeared in real life. The crime or traffic collision scene is completely constructed with digital points and digital photographs, which are included during the scanning process.

The FARO Focus 3D high speed Laser Scanner is currently being used by the FBI, and locally by the Long Beach and Carlsbad Police Departments. Representatives from the mentioned departments were contacted and solicited for their review of the equipment. The feedback received from each agency currently using the system, was positive, and in each case the vendor's service met or exceeded expectations.

The only other viable competition for this type of 3D mapping system is the Leica C10 Laser Scanner. The Leica Scanner was evaluated by Beverly Hills Police Investigators, found to be inferior to the FARO Focus 3D high speed Laser Scanner, and does not meet the needs of the Police Department. Additionally, the Leica product captures only a fraction of the data points that the FARO product captures and results in a less-detailed final report.

**FISCAL IMPACT**

The total purchase price for the FARO Focus 3D high speed Laser scanner, including training and maintenance for four years, is \$88,687. Funds appropriated from the Seized and Forfeited Property Fund will be used for the purchase and are available in the Police Department's FY13/14 budget.

\_\_\_\_\_  
Don Rhoads, Director  
Finance Approval



\_\_\_\_\_  
David L. Snowden, Chief of Police  
Police Approval

