

STAFF REPORT

G-1



THE CITY OF
NOVATO
CALIFORNIA

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MEETING
DATE: April 4, 2017

TO: City Council

FROM: Adam McGill, Chief of Police

SUBJECT: **AUTHORIZE THE CITY MANAGER TO APPROVE PURCHASE OF A FARO 3D LASER SCANNER FOR THE NOVATO POLICE DEPARTMENT**

REQUEST

Consider authorizing the purchase of a Faro 3D Laser Scanner and authorizing the City Manager to sign all required documents.

DISCUSSION

The Faro 3D Laser Scanner is a professional grade laser scanner used for public safety forensic diagraming of traffic collisions and crime scene investigations. The Laser Scanner captures fast and accurate measurements of complex traffic collisions and crime scenes. By using data stored in the scanner, officers can create a fully digital accident reconstruction in 3D images. Data and images can easily be imported into all commonly used software solutions for forensics and accident analysis.

The scanner is likewise used to examine a crime scene. Capturing ultra-high definition factual diagrams, Investigators have the ability to develop crime scene sketches and have at a later date the ability to re-create an accurate representation of the scene.

The current equipment used to document a traffic collision or crime scene, includes manual methods of using sketches, rulers, tap measures and other rudimentary techniques, all time consuming tasks for an officer. This new 3D laser scanner technology reduces time consuming evidence gathering and analysis by approximately 75%.

The purchase includes on-site expert level training for six staff members. At the conclusion of the training, staff members will be certified expert forensic users of the equipment and follow-up quarterly training is also provided.

FISCAL IMPACT

There is no fiscal impact on the General Fund as this purchase will be funded by the State COPS grant, where sufficient funds are available to accommodate this purchase. The State COPS grant is restricted in use for front line law enforcement capital and technology related equipment. As the

total cost of the equipment is just over \$50,000, authorization to purchase the product is required by the City Council. This is a sole source purchase; as FARO Technologies is the sole provider and developer of 3D laser scanner forensic technology, capable to meet the need for public safety diagramming of traffic collisions and crime scenes.

RECOMMENDATION

Authorize the purchase of a Faro 3D Laser Scanner and authorize the City Manager to sign all required documents associated with the purchase.

ATTACHMENTS

1. Faro Technologies 3D Laser Scanner quote
2. Photo of 3D Laser Scanner





FARO Technologies Inc
 250 Technology Park
 Lake Mary FL 32746-7115
 Phone No: (250)-37-4-80
 Fax No:
 Email: Lon.Connor@faro.com

Remit to:
 FARO Technologies, Inc.
 P.O. Box 116908
 Atlanta, GA 30368-6908


Quotation No: 20086932
 Quote Date: 11/03/2016
 Expiration Date: 05/01/2017
 Regional Manager: Kelly Watt
 Account Manager: Daniel Tirapelli
 Sales Support: Lon Connor
 Ship: Ground
 Payment Terms: Net due in 30 days
 with approved credit
 Delivery Terms: EXW Origin
 Delivery Date: 2-10 Weeks

Bill To :
 Novato Police Department -
 909 Machin Ave.
 Novato CA 94945
 US

Ship To :
 Novato Police Department -
 Tyler Cantley
 909 Machin Ave.
 Novato CA 94945
 US

Qty	Item No.	Description	Unit Price	Discount	Ext. Price
1	LS-8-M-70	3D_HW_LS_FocusM 70  Laser Scanner FocusM 70 ships with: 1x FocusM 70, with HDR photography, with GPS, compass, altimeter (barometer), dual-axis compensator, WLAN, IP rating 54, 1x Battery Power Block, 1x Battery Power Dock, 1x 90W Power Supply, 1x Optic Cleaning Fluid, 3x Optic Cleaning Tissues, 1x 32GB SD card, 1x SD card reader, 1x SD card cover, 1x rugged transport case, calibration certificate and a quick start guide.	19,990.00	0.00	19,990.00
1	SOFTS0369	3D_SW_SC_SCENE Dongle  Hard lock (USB Dongle) for one SCENE single user license. SCENE licenses purchased separately.	190.00	0.00	190.00
1	SOFTS0302	3D_SW_SC_SCENE SCENE version 6.N. Software and license to process data of FARO 3D Laser Scanners. Includes 1-year of software maintenance.	5,990.00	0.00	5,990.00

PURCHASE AGREEMENT AND CONDITIONS OF SALE Customer will pay any federal, state and local taxes. All conditions of sale, service and warranty as described in FARO standard purchase conditions currently on file with FARO are made as part of this Quotation and are incorporated herein by reference (02FRM522). DR12 PLEASE REFERENCE FARO QUOTE NUMBER ON ALL DOCUMENTS. BY REFERENCING FARO QUOTE, CUSTOMER AGREES TO SAID TERMS AND CONDITIONS AS LISTED ON FARO QUOTATION.
 FARO Technologies GSA Contract # GS24F0044M

Qty	Item No.	Description	Unit Price	Discount	Ext. Price
1	ACCSS6005	<p>3D_AC_LS_Carbon Fiber Compact Tripod</p> <p>High-level carbon fiber tripod for Focus3D X 330 and Focus 3D X 130.</p> 	1,070.60	160.60	910.00
1	SOFTS0334	<p>3D_SW_SC_SCENE Extension Forensic</p> <p>Extension of FARO SCENE software with additional features for forensic applications.</p> 	2,000.00	1,422.02	577.98
1	TR-SCN-POS-FOR-O	<p>OnSite Forensics Cust-Site Upg. 5 Day</p> <p>Additional travel and lodging fees may be required for travel outside the US and Canada.#</p>	8,140.00	0.00	8,140.00
1	SMA-SC-3Y	<p>3D_MA_SC_SCENE Maintenance_3Y_STAND</p> <p>Maintenance for SCENE software. Includes SCENE software upgrades during the term of the contract. Duration: Three (3) year. Scope of service according to the conditions of the SCENE maintenance contract.</p>	2,490.00	0.00	2,490.00

Qty	Item No.	Description	Unit Price	Discount	Ext. Price
1	SWS-FCS-3Y	3D_WA_LS_FocusS Warranty_3Y_STAND Standard warranty for the FARO Laser Scanner FocusS. Included: free recertification of the FARO FocusS once a year at FARO service centre, free repair of damages which are not caused by the user, technical Hotline support, return shipping charges. Duration: 3 years, considers 3 year factory warranty (included with yearly service). Only available at the point of sale of a new unit. Services based on our General terms and conditions of maintenance.	8,230.00	1,000.00	7,230.00
1	SOFT40111	FARO Reality 3D Complete FARO Reality 3D Complete.# 64-bit architecture, advanced point cloud data management, momentum analysis tool, and advanced graphics.# Can handle up to 2 billion data points from point cloud.# Includes FARO Genius (SOFT40340), (SOFT40230), FARO Collinear Momentum Module (SOFT40240), FARO Angular Momentum Module (SOFT40250), FARO Advanced Poseable Human Model (SOFT40270), FARO Articulation Animation Module (SOFT40260), FARO Human Motion Studio (SOFT40130). Software purchase includes one training seat and one year of maintenance.	7,495.00	6,000.00	1,495.00
1	TR-CRA-LE-POS	FARO Reality Virtual Training - 4 Day Reality Crash training hosted online. 4 day training course developed for new users of Reality Crash. Training for one person included with purchase of software. NOTE: Training will expire if not taken within 90-days of purchase.	0.00	0.00	0.00



Qty	Item No.	Description	Unit Price	Discount	Ext. Price
1	ACCSS8001	3D_AC_LS_FocusS Battery Power Block Power Block battery for FARO Focus S and Scan Localizer	551.20	0.00	551.20

Order Total:	56,146.80
Discount Amount:	-8,582.62
Shipping Total:	38.00

Total in USD:	47,602.18
Sales Tax (estimate)	2,400.00
Projected Total	\$50,002.18

Additional Information

QUOTE TERMS

To accurately and promptly process your order, the following information is required with your Purchase Order:

1. Purchase Order Number (PO#)
2. Bill To AND Ship To Address (even if they are the same)
3. Net 30 or Sooner Payment Terms
4. Prepay and Add Freight Charges OR Collect (with your shippers Account #)
5. Method of Shipment (Best Way, Ground, Overnight, 2DAY)
6. FOB Origin or Destination (for GSA and Warranty ONLY Customers)
7. FARO Quote Number
8. PO Signed and Dated
9. Ship To State Tax Exemption Certificate OR acknowledgement to charge tax
10. Signed Credit Application (New Customers ONLY)

Quoted delivery terms are contingent upon timely receipt of all above listed items.

CALIBRATION CAPABILITIES

FARO meets the calibration requirements of ISO 17025 for FARO USB FaroArms and Bluetooth Gage, and Laser Trackers (when B89 or Standard Calibration for Vantage is requested). If another calibration standard is required please discuss with your Customer Service representative.

FARO USB FaroArms and Bluetooth Gage are certified using calibration procedures developed in accordance with ASME B89.4.22.

FARO Laser Trackers are certified following FARO internal procedures developed in accordance with ISO9001:2008. The ASME B89.4.19 System Calibration (Part #: 960-02589) is an additional calibration process to our FARO Standard Calibration (Part #: ACC-00). The tracker must be put through our standard calibration first before an ASME B89.4.19 System Calibration.

FARO follows the recommendation of the ASME B89.4.22-2004, Appendix J, in the application of the decision rule to testing results. This appendix states "B89 standards that adopt standards referencing ISO 14253-1 as a normative standard shall explicitly state a different default decision rule, where the 4:1 simple acceptance and rejection rule from B89.7.3.1 shall be the default rule unless a different rule is specified.

TRADE-IN CREDIT

Trade-in credit line item is contingent upon receipt of used equipment being returned to FARO Technologies within 45 day of receipt of new equipment. if equipment is not received within this period of time, customer agrees to pay the credited amount within 15 days of receipt of invoice. FARO RMA number will be provided to you by your inside sales support specialist and must be affixed to the outside of the case.



Photo of Device