



City Council Report

Date: June 7, 2021
To: City Council
Through: Michael Kennington, Deputy City Manager/Chief Financial Officer
From: Edward Quedens, Business Services Director
Matt Bauer, Procurement Administrator
Subject: Purchase of One 3D Scanner (Addition) for the Mesa Police Department
(Sole Source) (Funded by the General Fund – Special Programs Fund) (Citywide)

Purpose and Recommendation

Council is requested to approve the award as recommended.

The Police Department and Purchasing recommend awarding the contract to the sole source vendor, FARO Technologies, Inc. at \$69,103.29.

Background / Discussion

The Police Department's Vehicular Crimes Unit (VCU) requests the purchase of a 3D scanner to document collision and crime scenes. There are currently several options for scanners; however, the Police Department is currently using FARO Zone 2D for patrol and FARO Zone 3D in VCU for the purpose of collision scene diagraming. FARO Technologies produces a 3D scanner that will seamlessly function with the FARO software VCU has been using for the past 3 ½ years.

Scanners are extremely accurate in documenting scenes and creating a 3D virtual environment with capabilities to measure objects and evidence in a scene. Several hours of training are needed to scan and register a scene so that it can be used for reconstruction. This training is specific to FARO scanners only. This technology and training provide the ability to accurately scan a scene and produce a 3D virtual environment that can be provided to prosecutors.

Other nearby Police agencies, Gilbert, Scottsdale, and Phoenix are using FARO 3D scanners. These scanners require annual calibration and must be sent to FARO for this service which can take a week or more to complete. While the Mesa scanner is in for calibration, it would be a seamless and easy transition to contact one of these nearby agencies to use their FARO scanner for our scene. Scottsdale and Phoenix have multiple scanners, and Gilbert has one scanner. Likewise, when another agency's scanner is in for calibration, we will assist by scanning a scene or vehicle for them. Keeping continuity between local agencies is beneficial on very large scenes that multiple agencies may be working. The use of multiple scanners will reduce the time needed to scan the entire scene.

FARO Technologies is the sole developer and manufacturer of FARO technology and software. FARO is the sole provider of software service, warranty, maintenance, calibration and training.

Purchase Information

Action: Award

Procurement Type: Sole Source

Contract Number: 2021207

Local Consideration: Policy did not apply to this procurement method

Protests Received: None

Funding Source: General Fund – Special Programs Fund

AWARD RECOMMENDATION

3D_HW_LS_Focus S150 Laser Scanner to include 3D_AC_LC Focus Battery Power Block; 3D_AC_LS Carbon Fiber Tripod; SCENE New License; SCENE 3-Year Maintenance Extension; USB Dongle; On-Site Forensic Cust-Site Upgrade (5-Day); Complete Care Service Plan; 3D_AC_LS Focus Thermal Protection Cover; and 3D_AC_LS Focus Thermal Cover Display; per Contract No. 2021207 and Quote 20403258 (5/18/2021)

Base	\$86,945.00
Discount	(\$20,778.00)
Freight, Packaging and Handling	\$43.90
Estimated Sales Tax	<u>\$2,892.39</u>
Total	<u>\$69,103.29</u>

One Addition 3D Scanner for the Police Department funded by the General Fund – Special Programs Fund.