



City Council Report

Date: October 5, 2020
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 a 3D Imaging and Analysis System (Addition) for the Police Department **(Single Response) (\$145,000 funded by Public Safety Sales Tax and \$131,165 by Crime Lab Assessment Funds) (Citywide)**

Recommendation

Council is requested to approve the award as recommended.

A committee representing the Police Department and Purchasing evaluated responses. The evaluation committee recommends awarding the contract to the qualified, single respondent, Leeds Precision Instruments, Inc., at \$276,165, based on estimated requirements.

Background / Discussion

This purchase will provide a 3D Imaging System for firearm comparative work for the Police Department – Forensic Services Division. It will be used as a supplemental tool in the examination and comparison of firearm components such as fired cartridge cases by the Firearms Unit. The recommended system will provide 3D scanning of evidence. The system can scan cartridge cases (including chamber marks, magazine lip marks, tornado marks); bullets (including fragments); and toolmarks. The system can scan pristine and damaged evidence and samples can be exported to be used at another lab or may be able to direct connect with another station for comparison.

Currently, Forensic Services Division offers a comparative examination of firearm components to determine the possibility of origin. This comparative work is vital to police investigations because many times it associates a firearm to a crime scene. The current standard method utilized for this work is through a comparison microscope. This is a dual bridge system in which the user can see two objects side-by-side at various magnifications in 2 dimensions (2D). With 3D Virtual Comparison Microscopy (VCM) the image is a true high-resolution 3D surface topography for comparison. The detail provided in 3D VCM often exceeds that visible with a traditional comparison scope because depth is no longer a contrast in two dimensions, but rather a real shape rendered in three dimensions. These features may serve to reduce the effects of bias and diminish the subjectivity of comparative analysis of fired firearms components.

The City issued Request for Proposal No. 2020227 - 3D Imaging and Analysis System on 6/30/2020. The City received one proposal response on 7/29/2020 which met the minimum qualifications. The evaluation committee evaluated the proposal in accordance with the City's established policies and procedures. The evaluation committee completed scoring the response against the scoring criteria in the solicitation. Based upon the evaluation results, the committee recommends award to Leeds Precision. Leeds scored 955 out of 1,000 points possible and their proposal meets the City's requirements. The evaluation was conducted by and points were awarded by consensus by the evaluation committee.

Leeds is very qualified and very experienced in providing this product. They have an excellent reputation both regionally and nationally and have installed similar systems in nine Crime Labs in the U.S. The product offered provides additional features than the scope of work asked for and it is a better product than other known items on the market.

Purchase Information

Action: Award

Procurement Type: Request for Proposals

Contract Number: 2020227

Local Consideration: Not applicable (Single Response)

Protests Received: None

Funding Source: Funded by Public Safety Sales Tax (\$145,000) and Crime Lab Assessment Funds (\$131,165)

Single Proposal Response

Leeds Precision Instruments, Inc. – Minneapolis, MN

AWARD RECOMMENDATION	
Quantity 1 – 3D Imaging and Analysis System per Contract No. 2020227	
Base Bid	\$255,000.00
8.3% Mesa Sales Tax	<u>\$21,165.00</u>
Total	<u>\$276,165.00</u>