



CITY COUNCIL MEMORANDUM

FROM: The Office of the City Manager **DATE:** February 25, 2019
SUBJECT: Consider Resolution No. 2019-013, authorizing submission of the grant application for the Texas Governor's Office Criminal Justice Division Edward Byrne Memorial Justice Assistance Program FY2020, Grant #37672-01.
PRESENTER: Jimmy Perdue, Director of Public Safety

SUMMARY:

The Office of the Governor's Criminal Justice Division (CJD) has announced the FY2020 Edward Byrne Memorial Justice Assistance Program Grant #37672-01 made available through the Bureau of Justice Assistance. The Police Department will use the funds to purchase a FARO 3D laser scanner and diagramming software to digitally capture, document, and accurately represent evidence at accident and crime scenes.

GENERAL DESCRIPTION:

The Police Department is seeking authorization to apply for and utilize grant funds offered through the CJD's Edward Byrne Memorial Justice Assistance Program. Funding may be used to provide additional equipment and supplies for law enforcement. The Police Department will use the funds to purchase a FARO 3D laser scanner and diagramming software to be utilized in crash reconstruction and crime scene investigation.

Compared to traditional evidence collection methods, 3D laser scanning delivers a number of benefits including improved data accuracy, speed, evidence analysis, efficiency and safety. The handheld scanner digitally captures an accident or crime scene, analyzes the data in 3D, and documents all evidence in half the time it takes with traditional methods. Vehicle momentum, vehicle positions, crush-energy, speed from skids, bullet trajectories, charring patterns and blood spatter are captured in a point cloud of the scene. Courtroom walk-throughs would allow the digital 3D scene to be viewed exactly how it looked at the time of the incident. In addition, the FARO Zone 2D software quickly creates diagrams required for state crash reports. The length of time necessary to close the accident roadway is reduced by more than 50% and returning to the scene for more measurements is eliminated.

The total grant request is for \$80,000. There is no match requirement.

RECOMMENDATION:

Approve Resolution No. 2019-013.