Public Safety Committee

February 14, 2023

Light Detection and Ranging (LiDAR) Data Capture and Mapping

Department:	Information Technology
Presenter:	Evelyn Chanti
Caption:	Motion to approve award of Data Capture Contract to Kucera International Inc. in the amount of $179,180.00 for the capture of Light Detection and Ranging (LiDAR) Data & Mapping under Bid #23-128.
Background:	Classified Light Detection and Ranging (LiDAR) data will provide Augusta with valuable information for use in asset management, data analysis, and other geospatial needs. This technology uses lasers to acquire highly detailed elevation data, which is then converted into high-resolution 3D models and maps. The data will be collected by airplane flights over the entire County (excluding Fort Gordon). LiDAR improves the accuracy of Augusta's existing maps and provides data used by Augusta departments and the public for development planning, natural resource conservation, infrastructure planning, flood risk management, and many other uses.
Analysis:	Bids were received on January 9, 2023, for Bid #23-128. Three bids were received as follows: (1) Kucera International, Inc., $179,180.00 (2) SAM LLC, $298,860.00 (3) Sanborn Map Company, Inc., $266,123.42. After evaluation, Kucera International, Inc. was determined to be the lowest responsive bidder.
Financial Impact:	The total cost of the LiDAR data with additional mapping is $179,180.00. The cost will be evenly shared between three departments: the Information Technology Department's SPLOST VI Digital Orthophotography project, the Augusta Utilities Department operating budget, and Augusta Engineering Department stormwater fund.
Alternatives:	Do not approve and cancel the project.
Recommendation:	Approve award of LiDAR data capture to Kucera International, Inc., in the amount of $179,180.00.
Funds are available in the following accounts:	GL 328-01-2110-5213119/ JL 211-92-5101-5213119; 506043110-5213119; 581044320-5211120
REVIEWED AND APPROVED BY:	N/A