



Department Source: Information Technology

To: City Council

From: City Manager & Staff

Council Meeting Date: March 4, 2019

Re: Appropriate funds for the purchase of LiDAR data

Executive Summary

Staff is requesting an appropriation of \$48,870.00 from the IT Retained Earnings account to the IT GIS Miscellaneous Contractual Services account to cover purchases for LiDAR data.

Discussion

The transfer of these funds will allow IT to purchase LiDAR (Light Detection and Ranging) data to be used for our Maps and Apps services for internal and external use. This new LiDAR in 2019 would provide updated topographic information for areas of the city that have changed since 2015 when the previous LiDAR collection took place. Since 2015, there have been many new buildings constructed that need to have structure height added. LiDAR would provide new topographic information for stormwater planning and construction, snow plowing route prioritization, FEMA flood map updates, vegetation encroachment on electric lines, and park and trail management. New or updated products includes Digital Surface Models, Digital Elevation Models, 2' contours, and 3D buildings.

Fiscal Impact

Short-Term Impact: \$48,870.00

Long-Term Impact: \$0

Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Secondary, Tertiary Impact: Tertiary

Comprehensive Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Land Use & Growth Management, Tertiary Impact: Environmental Management

Legislative History

Date	Action
N/A	None

Suggested Council Action

If Council agrees, staff recommends approval.