



CITY OF WAUKESHA

Administration

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Committee: Information Technology Board	Date: 12/1/2021
Common Council Item Number: ID21-3184	Date: 11/16/2021
Submitted By: Chris Pofahl, Director of Information Technology	City Administrator Approval: Kevin Lahner, City Administrator
Finance Department Review: Bridget M. Souffrant, Finance Director	City Attorney's Office Review: Brian Running, City Attorney
Subject: 2022 EagleView City-Wide Aerial Photography Contract	

Details:

This contract aligns with the 2022 "GIS Mapping" CIP budget item. It provides for the purchase of an aerial photography flight in the spring of 2022. EagleView has previously provided aerial photography to supplement those collected by regional agencies on a less-frequent basis, and in addition to the traditional straight-down (orthophoto) imagery, their products includes imagery shot at a 45 degree angle (oblique imagery) from four different directions. The EagleView imagery produced will have certified accuracy standards and be 3" resolution or better. In addition to the imagery, the City will continue to have access to EagleView's web-based and mobile software and functionality, which is integrated into numerous desktop and web-based applications. Finally, the ChangeFinder product provided via this contract will update building outlines to provide a better inventory of the structures in the city, and lay the foundation for future structural changes to be detected in later flights.

Several departments use the existing aerial imagery and oblique viewer functionality, including Police, Fire, Public Works, Community Development, Assessing and Parks, Recreation and Forestry. Potential applications include SWAT or large event preplanning, emergency preparedness, criminal investigations, storm water management, plan preparation, property assessment, etc. All internal users have access to advanced tools to analyze, measure, and mark-up the imagery. In addition, the City makes the imagery available to the public through its existing web mapping applications. Recurring flights ensure up-to-date imagery to reflect the current state of the City.

Options & Alternatives:

Without approving this contract, the City would lose access to the oblique imagery viewer subscriptions, which is a proprietary product from EagleView, and updated aerials would not be collected in 2022 and would need to be collected via another company at a future date.

Financial Remarks:

Funding for this item was approved in the 2022 CIP as 0400-1917-68160-81224



Executive Recommendation:
Recommend approval