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Title: A Resolution Approving a Memorandum of Understanding to Acquire Digital Orthorectified Imagery in 2018

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Attachments: 1. PPGA MOU Exhibits (2).pdf, 2. PPGA OP 2018 MOU 20171227.pdf, 3. PPGA2018Project_RES-2018-01-23.pdf, 4. Signed Resolution 15-18

Date	Ver.	Action By	Action	Result
3/13/2018	1	City Council	adopted	Pass

A Resolution Approving a Memorandum of Understanding to Acquire Digital Orthorectified Imagery in 2018

Presenter:

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Summary:

Colorado Springs Utilities will brief the Utilities Board regarding a proposed resolution approving a Memorandum of Understanding (MOU) between Utilities, the City of Colorado Springs, El Paso County, the El Paso-Teller County E911 Authority, Teller County, and the City of Fountain for the acquisition of digital orthorectified imagery for the 2018 Pikes Peak Geospatial Alliance imaging project. All of these entities except for the City of Fountain are members of the Pikes Peak Geospatial Alliance (PPGA), an entity formed by Intergovernmental Agreement in 2004, whose purpose is to acquire geospatial data and digital orthorectified imagery through joint funding arrangements set forth in memoranda of understanding on a project-by-project basis. Additionally, Utilities will brief the Utilities Board on the 2018 imaging project.

Previous Council Action:

No previous council action on this agenda item.

Background:

On July 23, 2004, through Resolution 136-04, City Council approved an Intergovernmental Agreement establishing the PPGA and an MOU for the acquisition of aerial photography services for geospatial data acquisition with four other agencies: the City of Colorado Springs, El Paso County, Teller County, and the El Paso-Teller County E911 Authority. Since that time, MOUs for aerial photography have been entered into in 2005 (amending the 2004 MOU), 2007, 2009, 2011, 2014, and 2016. On September 27, 2005, City Council passed Resolution No. 167-05 approving an amendment to the original MOU which allowed cost sharing for aerial photography with Cheyenne Mountain Air Force Station, Fort Carson, Peterson Air Force Base, Schriever Air Force Base, and the United States Air Force Academy. On February 13, 2007, through Resolution No. 30-07, City Council approved the second MOU for the acquisition of aerial photography services for geospatial data acquisition. On February 24, 2009, City Council passed Resolution No. 48-09 approving the third MOU for the acquisition of aerial photography services for geospatial data acquisition. On February 22, 2011, City Council approved Resolution No. 31-11, approving a fourth MOU for the acquisition of aerial photography services for geospatial data acquisition. On February 25, 2014, City Council approved Resolution No. 24-14, approving a fifth MOU for the acquisition of aerial photography services for the PPGA 2014 project. Most recently, on March 22, 2016, City Council approved Resolution No. 25-16, approving a sixth MOU for the acquisition of aerial photography services for the PPGA 2016 project.

The intent of the PPGA is to capture orthorectified imagery every two years to obtain updated maps of growth occurring in El Paso and Teller counties. This imagery is then used for purposes of compiling geospatial data which is beneficial to the members of PPGA and the participants in these projects. This updated information is utilized to update the FIMS database operated by Colorado Springs Utilities and utilized by Utilities and a number of other City departments and operations. These services and data are necessary to ensure that all new development and changes to existing infrastructure are captured accurately and completely. Additionally, this updated information is important for public safety, as it is used by the E911 system operators to send emergency vehicles to a location and may be used when necessary to shut off utilities to a particular area during a fire to assist in mitigating the situation.

Financial Implications:

Under the proposed MOU, the agencies participating in this project will share costs based on their interest in the geographic area being photographed by the aerial photographer. The “base” aerial photography services are expected to cost approximately \$167,000.00. It is expected that Colorado Springs Utilities and the City of Colorado Springs will each pay approximately \$39,662.50 of the total cost of the base services, or 24% of the total amount. Other “peripheral” products will be paid for solely by the El Paso-Teller County E911 Authority and Teller County.

Board/Commission Recommendation:

N/A

Stakeholder Process:

N/A

Alternatives:

1. City Council could approve the Resolution approving the Memorandum of Understanding as is.

2. Alternatively, Colorado Springs Utilities and the City could separately contract for professional digital orthorectified imagery services on their own at a cost of approximately \$167,000.00 each; or, they could fail to contract for professional digital orthorectified imagery services and not maintain the accuracy of their mapping systems.

3. There are currently no other more cost-effective alternatives that will support Colorado Springs Utilities' existing mapping products and ensure the accuracy with which it maintains its FIMS database.

Proposed Motion:

Move approval of the proposed Resolution.

N/A