



## FIRST AMENDMENTS TO SERVICE AGREEMENTS FOR CITYWIDE GIS MIGRATION PROJECT

Innovation and Technology Department

City Council  
July 16, 2019

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### BACKGROUND

1. Geographic Information System (GIS) – data, software and processes utilized to collect, manage, analyze and present geographical and geo-referenced data
2. GIS used Citywide to manage, share and use spatial data to address a variety of needs including data creation, modification, visualization, analysis, and dissemination



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## BACKGROUND (CONT.)

Early 1990s – City designed and built a customized GIS system called CADME

1. Built on Esri's infrastructure and framework
2. Widely used throughout City for 20 years
3. Upgrade needed to a modern GIS Platform due to age of system and difficult to maintain



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## BACKGROUND (CONT.)

RFP was issued for Citywide GIS Technology Upgrade Project to transition from CADME to Esri's ArcGIS platform

1. Will streamline and automate workflows, enable easy viewing and use of geospatial data and enhance reporting and analytic capabilities
2. Will improve customer experience and streamline day-to-day processes



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## BACKGROUND (CONT.)

January 8, 2019 - City Council approved 5 Master Professional Consultant Services Agreements in response to RFP 1738 for the Geographic Information System (GIS) services consulting panel. Terms included:

1. 2-year term
2. \$1,000,000 per contract
3. Maximum cumulative amount of \$2,750,000
4. Project budget of \$3,500,000



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## BACKGROUND (CONT.)

Vendors selected were:

1. UDC, Inc., Englewood, CO
2. PSOMAS, Inc., Riverside, CA
3. Nobel Systems, Inc., San Bernardino, CA
4. DCSE, Inc., Laguna Hills, CA
5. SSP Innovations, LLC, Centennial, CO

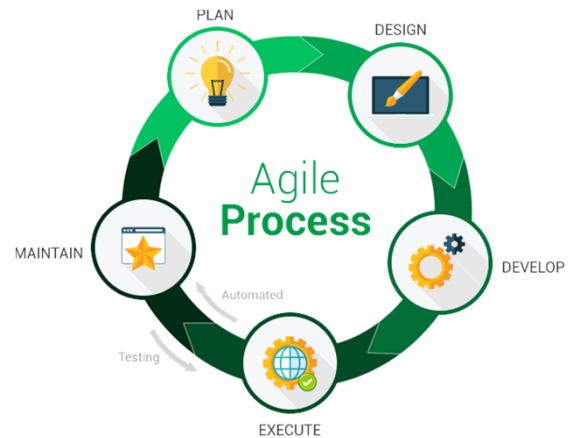


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## PROJECT OVERVIEW (CONT.)

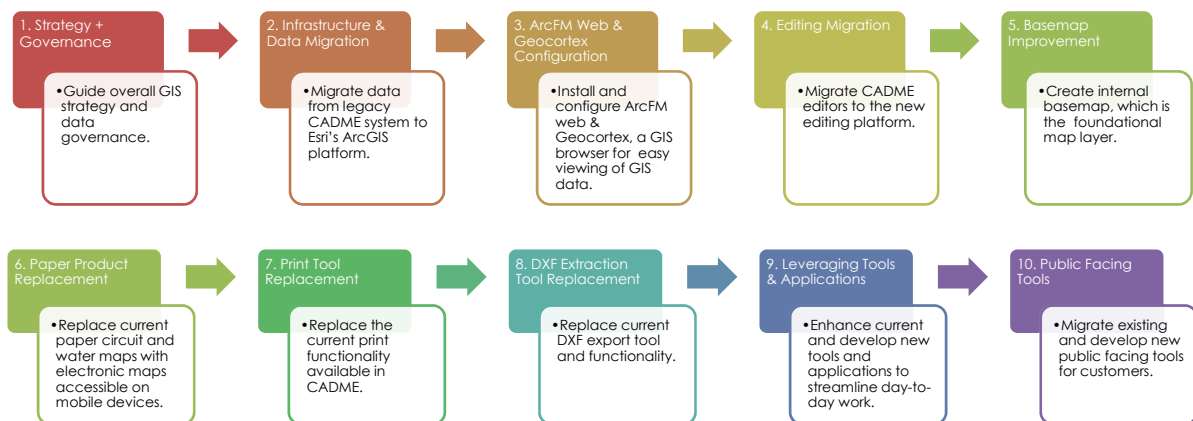
1. The IT Department is deploying the Project utilizing an agile (iterative) approach and is comprised of 10 task orders, or sub-projects, each with a specific scope and deliverables.
2. This agile approach will allow City departments to transition onto ArcGIS (the new upgraded platform) incrementally.



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## PROJECT OVERVIEW (CONT.)



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## DISCUSSION

1. March 4, 2019 – Issued Task Order One, Strategy and Data Governance, to approved consulting panel and awarded to Utility Data Contractors, Inc. (UDC) through competitive selection process
2. April 29, 2019 – Issued Task Order Two, Architecture and Data Migration, awarded to PSOMAS also through competitive selection process



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## DISCUSSION

3. One or more consultants opted not to bid in both cases stating no expertise in the particular scope of work
4. Staff anticipates that one or more consultants will exceed the current \$1,000,000 cap if trend continues



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## DISCUSSION

5. Staff recommends an increase from \$1,000,000, per vendor contract to \$2,500,000, per vendor contract, to avoid negative impacts to project scope, schedule or budget

Task Order	Description	Issue Date	Proposals Received	Selected Consultant	Award Amount	Status
1. Strategy & Governance	Guide overall GIS strategy and data governance.	March 4, 2019	4	UDC, Inc.	\$427,375	In progress
2. Infrastructure & Data Migration	Migrate data from legacy CADME system to Esri's ArcGIS platform.	April 29, 2019	3	PSOMAS	\$874,350	In progress



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## RECOMMENDATIONS

That the City Council:

1. Approve First Amendments to Master Professional Consultant Services Agreements with five (5) firms, including UDC, Inc., PSOMAS, Inc., Nobel Systems, Inc., DCSE, Inc. and SSP Innovations, LLC, for Geographic Information System Extension of Staff Services for Geographic Information System Migration Project to increase the not to exceed amount from \$1,000,000 per vendor contract to \$2,500,000 per vendor contract with no change to the maximum cumulative amount of \$2,750,000; and
2. Authorize the City Manager, or designee, to execute the First Amendments to Master Professional Consultant Services Agreements with the five (5) firms identified herein for the Geographic Information System services and each supplemental agreement for specific projects when awarded to one (1) of the five (5) specified firms, including the ability to make minor non-substantive changes.

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