
CITY OF TEMPE
REQUEST FOR COUNCIL ACTION

Council Meeting Date: 01/12/2017
Agenda Item: 5B7

ACTION: Award a professional services contract to Arcadis U.S., Inc. for the Hansen Software Assessment and Plan.

FISCAL IMPACT: The professional services contract amount is \$125,948. Funds to cover this contract and related costs are appropriated for fiscal year 2016/17 in the Water Utilities Division Operating Budget Cost Center 3002 – Water Administration.

RECOMMENDATION: Award professional services contract to Arcadis U.S., Inc.

BACKGROUND INFORMATION:

Project History:

The City of Tempe uses the Hansen asset management system to manage a variety of assets for Public Works: treatment plants, water distribution, wastewater collection, street signs, street lights, and traffic signals. The Department relies heavily on the quality of the existing data and the seamless integration of the Hansen system with GIS, Oracle CC&B, customer service, hydraulic modeling, and other Enterprise systems. As the Department adds more technological solutions, the Hansen system must meet the increasingly complex requirements of the end users. The purpose of this project is to install the latest version of the Hansen operating system, conduct QA/QC on some existing data, and prepare a plan to configure the system to meet the business goals and objectives of the workgroups and ensure seamless integrations with other enterprise systems.

Scope of Work:

This contract is the first phase of the project and includes assessment and planning tasks for the Hansen system modernization. The current version of Hansen will be modernized to version 8.5 along with adding Hansen service modules and integrating various other software solutions for enhanced workflow. Phase 1 services will include interface with software technology providers and City work groups regarding current and preferred system functionality. These communications will result in a Gap Analysis that provides the basis for developing a written scope, schedule and budget for executing the Hansen system modernization (Phase 2). Work encompassed by the Hansen system modernization which is key to providing enhanced workflow includes:

- Migration of data from the current version database. This data migration will allow cleanup of unused/unneeded data items as well as correction of data integrity issues.
- Assessment of current customizations regarding functionality. The assessment will identify modifications, deactivations, and/or new development that will be needed for integrating City-owned technologies with Hansen version 8.5.
- Implementation of new features. New features will include Traffic Operations asset management, the NASSCO PACP inspection module, and predictive maintenance functionality for calendar-based automated scheduling of work orders.

Phase 2 of the project will be completed under separate contract and is planned for council consideration in the summer of 2017. Phase 2 will be the execution of the Hansen system modernization based on the results of the Phase 1 work completed.

Contract Type: Professional services contract.

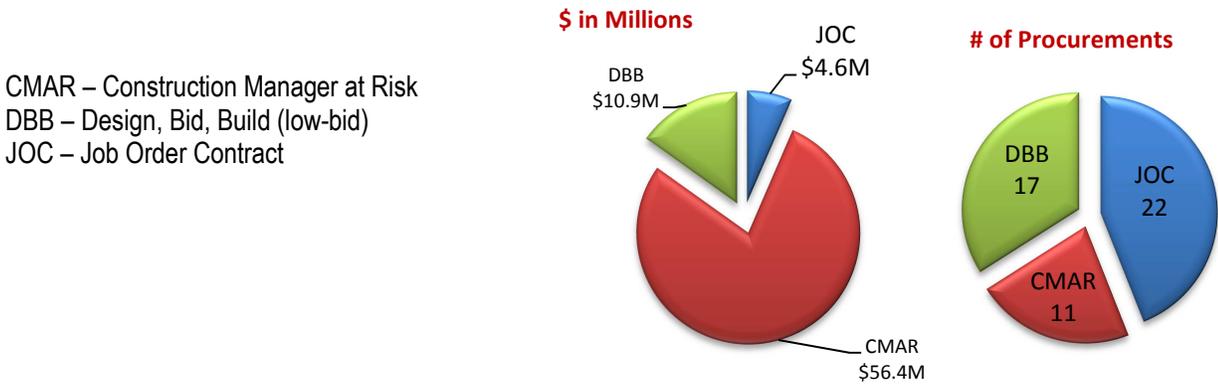
Procurement Method – Request for Qualifications:

Arcadis U.S., Inc. was selected by a review committee as the most qualified firm for these services using a process pursuant to Arizona Revised Statutes § 34-603. The qualifications based selection process includes evaluation of each firm's statement of qualifications in response to the City's request for qualifications (RFQ); holding selection panel interviews with at least three qualified firms based on selection criteria with relative weights as follows:

- 20% Relevant experience of key project personnel;
- 20% Understanding of this project;
- 20% Approach to performing required services;
- 35% In depth discussion through question and answer session of the proposed firm's expertise, qualifications of key personnel and their knowledge related to this project, and;
- 5% Overall evaluation of the proposed firm and its ability to provide the required services.

Staff worked with Arcadis U.S., Inc. in developing a detailed scope of work for this project. The proposal for the professional services submitted by Arcadis U.S., Inc. to complete the scope of work was reviewed by staff and deemed to be consistent with normal engineering practice on similar projects. The proposed labor rates were reviewed by staff and are consistent with industry standards.

Staff is providing a snapshot of the City's current CIP construction activity by procurement method:



ATTACHMENTS: Professional Services Contract.

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