



CITY OF TEMPE
REQUEST FOR COUNCIL ACTION

Council Meeting Date: 12/08/2016
Agenda Item: 5B26

ACTION: Award a professional services contract to Valentine Environmental Engineers, LLC for renovation and infrastructure improvements for the Alameda Sewer Lift Station located at 2701 West Alameda Drive.

FISCAL IMPACT: The professional services contract amount is \$91,043. Funds to cover this contract and related costs are appropriated for fiscal year 2016/17 in the Capital Improvement Project No. 3202559, Wastewater Conveyance System - Mechanical Stations.

RECOMMENDATION: Award professional services contract to Valentine Environmental Engineers, LLC.

BACKGROUND INFORMATION:

Project History:

Sewage Pump Stations (also known as sewage lift stations) collect wastewater from gravity sewers in an underground tank called a wet well. Wastewater is pumped from the wet well to a point where the gravity collection system resumes conveying wastewater for treatment. The Alameda Sewer Lift Station has provided continuous wastewater service since construction of the original pumps and wet wells over forty years ago. Over time, the wet well structures have degraded.

Assessment of serviceability and rehabilitation of the wet well structure required an engineer to enter and assess the wet well and this was performed within the past year. The assessment resulted in several options being analyzed with consideration to life cycle costs, physical location, projected future sewage demands, layout configuration enhancements, new technologies, and upstream/downstream modifications. The most efficient design in terms total life cycle cost was selected and Valentine Environmental Engineers is being contracted to complete design, with the scope of work described below. Moving forward, we anticipate a construction contract, construction management, and post-design contract later this fiscal year.

Scope of Work

The following items are included in the scope of work for professional design and bid services by Valentine Environmental Engineers, LLC for the Sewer Lift Station Rehabilitation:

- Replacing the existing below grade, dry pit lift station with a submersible pump system located in the existing wet well
- Refurbishing the existing wet well and the wet well inlet piping
- Replacing the pump station discharge piping and adding a flow meter
- Upgrading of electrical and instrumentation systems to facilitate the new design

Design services include all work necessary to produce a set of construction bid documents prepared to the City of Tempe standards. Work items include general coordination, survey, utility coordination, legal descriptions, data and hydraulic analysis, engineering calculations, project meetings, design and drafting, City review coordination, QA/QC and permitting services.

Contract Type: Professional Services Contract.

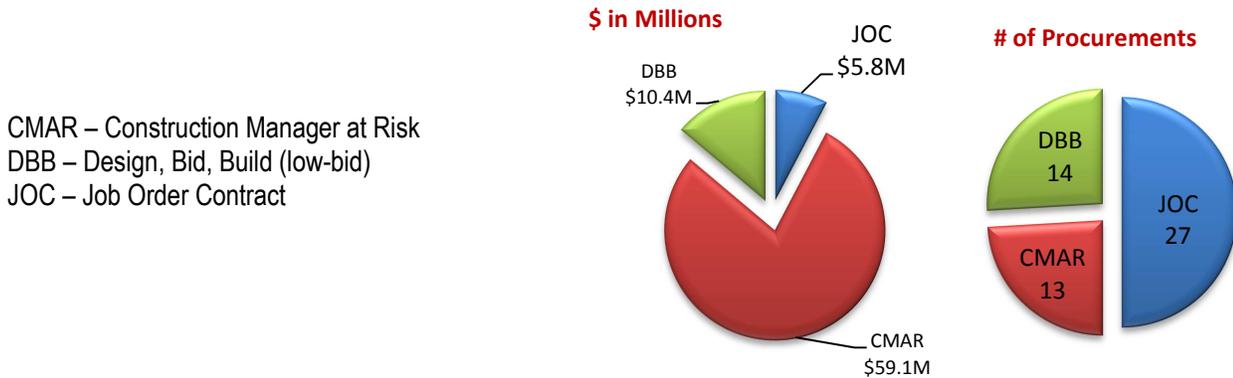
Procurement Method – On-call Consultant Short List:

Valentine Environmental Engineers, LLC was selected from the Engineering Division’s On-call Consultant Short List based on the scope of work for this project, their familiarity with the project, and the specific expertise required for successful completion of this work. The Short List is established using a qualifications based selection process, pursuant to Arizona Revised Statutes (ARS) § 34-103. This selection process includes evaluation of the firms who apply for each discipline based on the following selection criteria and relative weights (ARS prohibits the use of pricing as a criterion for this qualifications based process):

- 30% Overall capability and qualifications of the firm;
- 30% Relevant municipal project experience of the firm;
- 25% Qualifications and experience of the firm's key local staff, and;
- 15% Overall evaluation of the firm and its familiarity of local regulations.

Once Valentine Environmental Engineers, LLC was selected from the Short List, staff worked with them to finalize the scope of work and negotiate the design fee. The proposed labor rates submitted by Valentine Environmental Engineers, LLC 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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