



CITY OF TEMPE
REQUEST FOR COUNCIL ACTION

Council Meeting Date: 12/08/2016
Agenda Item: 5B27

ACTION: Award a professional services contract to Dibble & Associates Consulting Engineers, Inc. for the Sanitary Sewer Collection System Rehabilitation Project, Phase 1 – Western Canal located at 1300 West Southern Avenue.

FISCAL IMPACT: The professional services contract amount is \$100,980. A portion of the rehabilitation occurs on sewer lines that are partially owned by the City of Mesa, thus the City of Tempe will be reimbursed for these funds per the existing “Southern Ave. Interceptor” IGA (C1299). Funds to cover this contract and related costs are appropriated for fiscal year 2016/17 in Capital Improvement Project No. 3299969, Wastewater Collection System Upgrades and Improvements.

RECOMMENDATION: Award professional services contract to Dibble & Associates Consulting Engineers, Inc.

BACKGROUND INFORMATION:

Project History:

The City of Tempe maintains approximately 500 miles of gravity sewer mains and over 10,000 manholes of various materials installed as part of its wastewater collection system. The City has a comprehensive program in place for assessing and monitoring the condition of critical pipelines in the collection system. Pipelines and manholes that are observed to be in poor condition and/or requiring immediate attention are programmed for rehabilitation, repair or replacement.

The City has currently identified approximately 170 manholes and 6,000 lineal feet of collection system piping that are in need of rehabilitation. This first phase includes about 30 manholes and over 3,700 feet of gravity sewer mains. It is also anticipated that the ongoing collection system assessment program may uncover the need for additional rehabilitation work.

To minimize cost and disruptions to the traveling public, pipeline rehabilitation will involve the use of trenchless technologies including: cured-in-place-pipe (CIPP) lining, CIPP short-length repair sleeves, mechanical seals and constructed pipe interiors in addition to more traditional open-cut repair methods. Manhole rehabilitation will involve the use of precast manhole liner inserts and coatings. The contracts associated with this request provide for the professional services to complete the design services to current City of Tempe standards and for the CMAR pre-construction services required to aid in the constructability of the design and develop a guaranteed maximum price quote, to be requested from Council at a later date.

Scope of Work:

The scope of work for the pre-construction services and profession services contracts include:

- Preliminary Design services to develop a rehabilitation strategy for Tempe’s Sanitary Sewer Collection System
- Survey and mapping services, potholing, and utility coordination with traffic control
- Designed and permitted construction drawings and specifications (60%, 90%, and Final)
- Independent Constructability and Biddability Reviews
- Project Master Schedule, with schematic bypass pumping plans
- Cost Model (Preliminary Construction Estimates) at 60% and 90%; and final Cost Model (GMP1)

Design services include all work necessary to produce construction documents prepared to the City of Tempe standards.

Contract Type: Professional Services Contract.

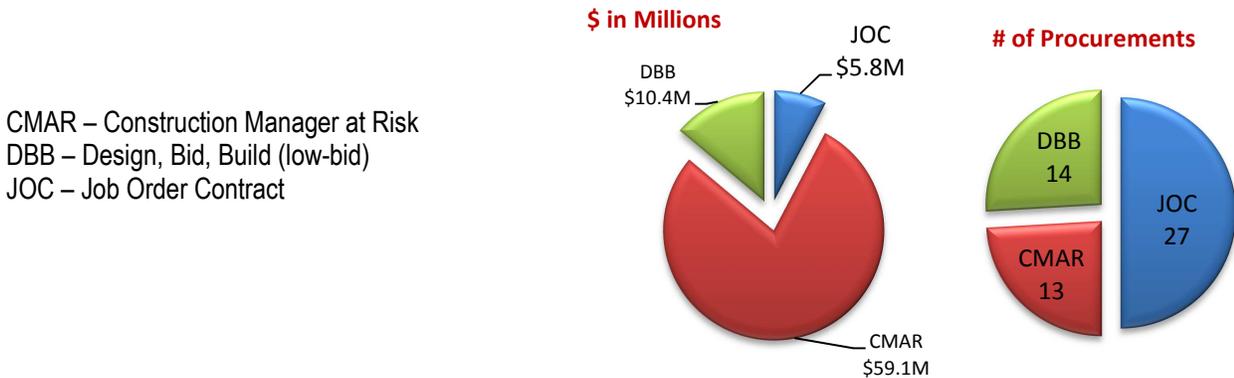
Procurement Method – Professional Services Request for Qualifications:

Dibble & Associates Consulting Engineers, 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 Dibble Engineering in developing a detailed scope of work for this project. The proposal for the professional services submitted by Dibble Engineering 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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