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**CITY OF TEMPE**  
**REQUEST FOR COUNCIL ACTION****Council Meeting Date: 10/2/2014**  
**Agenda Item: 5B12**

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**ACTION:** Award a professional services contract to Project Engineering Consultants, Ltd. for design of a sewer replacement in the Maple Ash Neighborhood.

**FISCAL IMPACT:** The contract amount is \$73,371.31. Funds are approved and appropriated in fiscal year 2014/15 to cover this contract and related costs in Capital Improvement Project No. 32099969, Collection System and Pump Station Replacement and Repair.

**RECOMMENDATION:** Award the professional services design contract.

**BACKGROUND INFORMATION:** This project is part of the Public Works Department's infrastructure asset management program. This contract involves the design of replacement sewer in the Maple Ash Neighborhood between University Drive and 10th Street. The existing lines in this historic neighborhood are well past their useful lifespan and were constructed with burry depths and slopes that do not meet current design standards. The condition of these lines has deteriorated over the years making them increasingly difficult to maintain and more susceptible to failure.

The new sewer lines planned for the neighborhood will connect into an existing sewer in 10th Street. Increased wastewater flow from the Maple Ash Neighborhood in this line will require construction of a new, larger sewer in 10th Street between Farmer Avenue and Roosevelt Street.

This project will require open-cut trenching for installation of new sewer lines in most, if not all, of the neighborhood streets. During the planning stage of this project, alternative construction methods were considered including in-place repair of the existing sewer lines, horizontal drilling of new lines, and pipe bursting. After much consideration, it was determined that these alternatives were not viable and/or not economically justifiable. Continued evaluation of construction alternatives will be conducted under this design contract. Prior to construction, a neighborhood outreach program will be implemented to manage expectations and mitigate impacts on the neighborhood. The residents will have opportunities to express concerns and get answers to their questions regarding the impact of this project.

Staff has negotiated the fee with Project Engineering Consultants, Ltd. and considers it reasonable for the scope of services. Project Engineering Consultants, Ltd. was selected from the Engineering Division's professional services consultant on-call list based on a qualifications based selection process, pursuant to Arizona Revised Statutes § 34-103, which includes evaluation of the firm in each selected discipline based on the following selection criteria and relative weights:

- 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 the annual professional services on-call lists are established, consultants are utilized throughout the year based on how their expertise relates to our project needs. Staff worked with Project Engineering Consultants, Ltd. in developing a detailed scope of work for this project. The proposal for the professional services submitted by Project Engineering Consultants, Ltd. 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.

**ATTACHMENTS:** Professional Services Contract and Exhibit.

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