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**CITY OF TEMPE**  
**REQUEST FOR COUNCIL ACTION**

**Council Meeting Date: 05/21/2015**  
**Agenda Item: 5B14**

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**ACTION:** Award a professional services contract to Ayres Associates Inc. for design of fiber optic cable installation along the Rural Road corridor from the north and south city limits.

**FISCAL IMPACT:** The contract amount is \$201,248. Funds are approved and appropriated in fiscal year 2014/15 to cover this contract and related costs in Capital Improvement Project No. 6907269, Fiber Optic Installation – Rural Road.

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

**BACKGROUND INFORMATION:** The City of Tempe is proposing to provide a fiber backbone through the middle of the City along the Rural Road corridor. The installation of fiber will provide a reliable and efficient communication corridor that will improve real time traffic signal operations, improve traffic flow, and decrease delays. It will also provide redundancies in the existing communications system and will allow additional wireless communications to be installed in the future. In addition, this project will provide the infrastructure that can be used for future transit operations, traveler information, and special event traffic management.

The scope of work for this contract is to provide a complete engineered construction plan as well as survey and mapping services; environmental, utility, and right-of-way clearances; and other associated items for a complete construction bid package for the entire length of Rural Road within the City.

The construction of the fiber will be funded by a Congestion Mitigation and Air Quality (CMAQ) grant. The project will be built in two phases. The funding for construction includes \$1,871,015 in federal funds with a local match of \$113,095 planned in fiscal years 2015/16 and 2016/17.

Staff has negotiated the construction management fee with Ayres Associates Inc. and considers it reasonable for the scope of services. Ayres Associates Inc. 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 Ayres Associates Inc. in developing a detailed scope of work for this project. The proposal for the professional services submitted by Ayres Associates 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.

**ATTACHMENTS:** Professional Services Contract with Exhibit A included.

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Department Director: Don Bessler, Public Works Director  
Legal review by: Judi Baumann, City Attorney  
Prepared by: Donna Rygiel, Engineering Contract Supervisor