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

**Council Meeting Date: 09/08/2016**  
**Agenda Item: 5B11**

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**ACTION:** Award a construction contract to Insituform Technologies, LLC for the flood irrigation infrastructure improvements – CIPP Lining, located at 902 South Mill Avenue to 1290 South Mill Avenue.

**FISCAL IMPACT:** The contract amount is \$329,249 and the project contingency amount is \$32,924.90. Funds to cover this contract and related costs are appropriated for fiscal year 2016/17 in the Capital Improvement Project No. 3205899, Flood Irrigation Infrastructure Asset Maintenance.

**RECOMMENDATION:** Award Contract to Insituform Technologies, LLC.

**BACKGROUND INFORMATION:**

***Project History:***

The City of Tempe operates approximately 37-miles of irrigation pipeline, which serves local flood irrigation customers. These pipelines are supplied with water by Salt River Project. The majority of the system is located north of the US-60 freeway in older sections of the city, and is mostly constructed with concrete pipe. Funding has been allocated to continue the process of repairing and/or replacing those irrigation pipes having the highest priority for rehabilitation. Priorities of repairs have been established by camera inspections, as well as field observations by Water Utilities Division staff members.

***Project Scope:***

The scope of this project serves to rehabilitate approximately 2,126-feet of irrigation pipe within an alley west of Mill Avenue, within the approximate limits of 9<sup>th</sup> Street and 13<sup>th</sup> Street. The irrigation pipe to be rehabilitated is 12-inches in diameter, and will be lined with cured-in-place pipe (CIPP). While the pipe lining will be a mostly trenchless construction activity, up to forty-one (41) lateral connections will each require a small hole to be excavated in order to secure an insert-a-tee style replacement connection.

***Contract Type:*** Design, Bid, Build

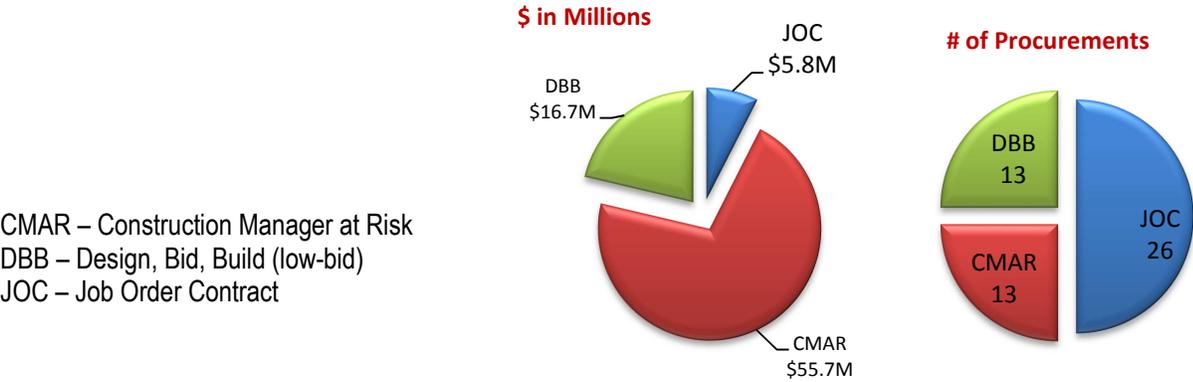
***Procurement Method:***

Design, Bid, Build (lowest responsible bid) was selected as the construction delivery method due to the standardized details, project timeline, and the ability to develop precise plans and specifications for construction of this project. The scope of work does not warrant the use of Job Order or Construction Manager at Risk construction services. Staff reviewed the bid of Insituform Technologies, LLC, the lowest responsible bid, and found it to be in order. The selection was based on the process set forth in A.R.S. § 34-201, et seq.

On August 2, 2016, the following bids were received:

Insituform Technologies, LLC	\$329,249.00
Blucor Contracting, Inc.	\$431,670.40

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



CMAR – Construction Manager at Risk  
DBB – Design, Bid, Build (low-bid)  
JOC – Job Order Contract

**ATTACHMENTS:** Construction Contract. The Technical Specifications and Special Provisions are on file in Engineering.

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