



CITY OF TEMPE
REQUEST FOR COUNCIL ACTION

Council Meeting Date: 05/26/2016
Agenda Item: 5B9

ACTION: Award a construction contract to Insituform Technologies, LLC for flood irrigation system infrastructure improvements on College Avenue between Broadmor Drive and Palmcroft Drive.

FISCAL IMPACT: The construction contract amount is \$122,190 and the project contingency amount is \$12,200. A portion of the funds (\$110,000) to cover this contract and associated expenses were approved and are appropriated for fiscal year 2015/16 in Capital Improvement Project No. 3205899, Flood Irrigation Infrastructure Improvements. The balance is proposed to be funded in fiscal year 2016/17.

RECOMMENDATION: Award construction contract.

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 US60 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.

Contract Type: Design-bid-build construction contract

Procurement Method:

Design-Bid-Build (lowest responsible bid) was selected as the procurement 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. The selection was based on the process set forth in A.R.S. § 34-201, et seq.

Bids Received:

On April 19, 2016, the following bids were received:

Insituform Technologies, LLC	\$122,190.00
Achen Gardner Construction, LLC	\$128,450.00
SAK Construction, LLC	\$134,784.00
Redpoint Contracting	\$206,517.00

Staff reviewed the bid of Insituform Technologies, LLC, the lowest responsive 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.

Scope of Work:

The scope of this project serves to rehabilitate approximately 500 feet of irrigation pipe along the west side of College Avenue, located in between Broadmor Drive and Palmcroft Drive. The irrigation pipe to be rehabilitated ranges from 18-inches and 24-inches in diameter, and will be lined with cured-in-place pipe. While the pipe lining will be a mostly trenchless construction activity, up to three lateral connections will each require a small hole to be excavated in order to secure an inserta-tee style replacement connection. Additionally, pavement repairs will be made to a bus bay over the pipe alignment, which has been adversely impacted by the failure of these pipes.

The project contingency has been established at \$12,200, approximately ten percent (10%) of the construction contract amount, to cover possible unforeseen conditions during construction.

ATTACHMENTS: Construction Contract (Technical Specifications on file in Engineering Office).

STAFF CONTACT(S): Andy Goh, Deputy Public Works Director/City Engineer, (480) 350-8896

Department Director: Don Bessler, Public Works Director

Legal review by: Judi Baumann, City Attorney

Prepared by: Donna Rygiel, Engineering Contract Supervisor