



**CITY OF TEMPE
REQUEST FOR COUNCIL ACTION**

**Council Meeting Date: 12/17/2015
Agenda Item: 5B5**

ACTION: Award a construction contract to Contractors West, Inc. for fiber optic installation and improvements to the intelligent transportation system on Elliot, Guadalupe, and Warner Roads.

FISCAL IMPACT: The construction contract amount is \$374,953 and the project contingency amount is \$37,000. Funds to cover this contract and related costs are appropriated for fiscal year 2015/16 in Capital Improvement Project No. 6906171, Fiber Optic Installation and ITS Improvements – Elliot, Guadalupe, and Warner Roads.

RECOMMENDATION: Award construction contract.

BACKGROUND INFORMATION:

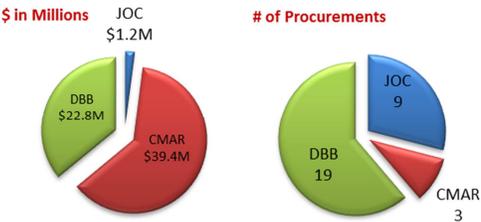
Contract Type: *Design-bid-build construction contract*

Procurement Method – Construction:

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.

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



Bid Received:

On October 28, 2015, the following bids were received:

Contractor's West, Inc.	\$374,953.00
CS Construction, Inc.	\$389,957.00

Staff reviewed the bid of Interstate Contractor's West, Inc., 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.

Project History:

The City of Tempe has a Comprehensive Transportation Plan that guides development of a citywide multi-modal street system. The Plan emphasizes the need to be able to optimize the use of the existing transportation network which can be accomplished, in part, by a transportation management system.

The purpose of the City's transportation management system is to provide the City with a reliable communications network to be able to view, monitor, and actively manage traffic conditions. The ultimate goal is to have a hybrid fiber/wireless network that will increase communications bandwidth, eliminate the need for telephone lease lines, and improve system performance.

Scope of Work:

The work will consist of ITS (Intelligent Transportation Systems) communications improvements using existing and installing new conduit along Elliot, Guadalupe and Warner Roads.

The project contingency has been established at \$37,000, approximately ten percent (10%) of the construction contract amount, to cover possible unforeseen conditions during construction.

ATTACHMENTS: Construction Contract (Special Provisions and Technical Specifications available in the 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