



City Council Report

Date: June 1, 2009
To: City Council
Through: Jack Friedline, Deputy City Manager
From: Elizabeth Huning, City Engineer
Subject: Replace City Well No. 11
City Project No. 05-056-003
Council District 4

Purpose and Recommendation

The purpose of this report is to provide information to the Council on the results of bids received on City Project No. 05-056-003, Replace City Well No. 11. It is recommended that Council award this project to the low bidder, Zim Industries, Inc., in the amount of \$981,244.00. (Refer to Exhibit "A" for project location).

Background

The City of Mesa maintains and operates numerous groundwater wells throughout the City to provide drinking water for Mesa citizens. This project will replace an existing well in downtown Mesa, which has deteriorated and become unusable.

Discussion

City Well No. 11 was originally drilled in 1957. In 2005, a video examination was completed on the existing well and it was determined that the well casing had deteriorated to the point that the well would soon have to be taken out of service. This project will drill a new well near the existing well. Equipping of the well for pumping into the water system will be completed with a future project once the well is drilled and the well pumping rate is determined.

Community Impact – This project will result in an improved water system to service the City water pressure zone. Impacts are anticipated to include construction noise and dust, temporary traffic restrictions on 3rd Place, and temporary access restrictions to the adjacent Convention Center building. Once work is started, the project is anticipated to be completed in ninety (90) calendar days.

Alternatives

An alternative to the project would be to not replace the well. This is not recommended because it would decrease the reliability of the City's potable water system.

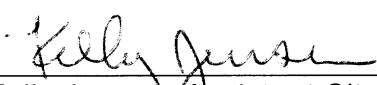
Fiscal Impact

The recommended total award amount for this project is \$981,244.00 based on the low bid of \$892,040.00 plus an additional \$89,204.00 (10% allowance for change orders). Funding is available in the adopted FY 08/09 Water Capital Bond Program. This project may be funded with a \$500,000.00 grant and a 2%-interest loan, both from the American Recovery and Reinvestment Act of 2009 (ARRA) through the State's Water Infrastructure Finance Authority (WIFA). As a condition of the WIFA funding, this project must be "shovel ready" by June 15, 2009, which means ready for construction.

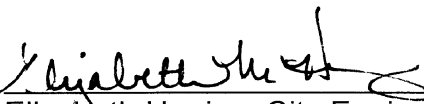
Coordinated With

Temporary impacts at the Mesa Convention Center have been coordinated with the Parks, Recreation and Commercial Facilities Department.

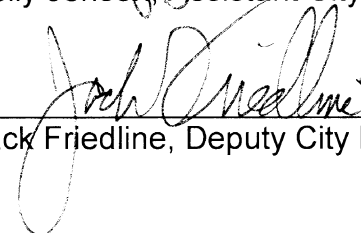
The Water Resources Department concurs with this recommendation.



Kelly Jensen, Assistant City Engineer



Elizabeth Huning, City Engineer

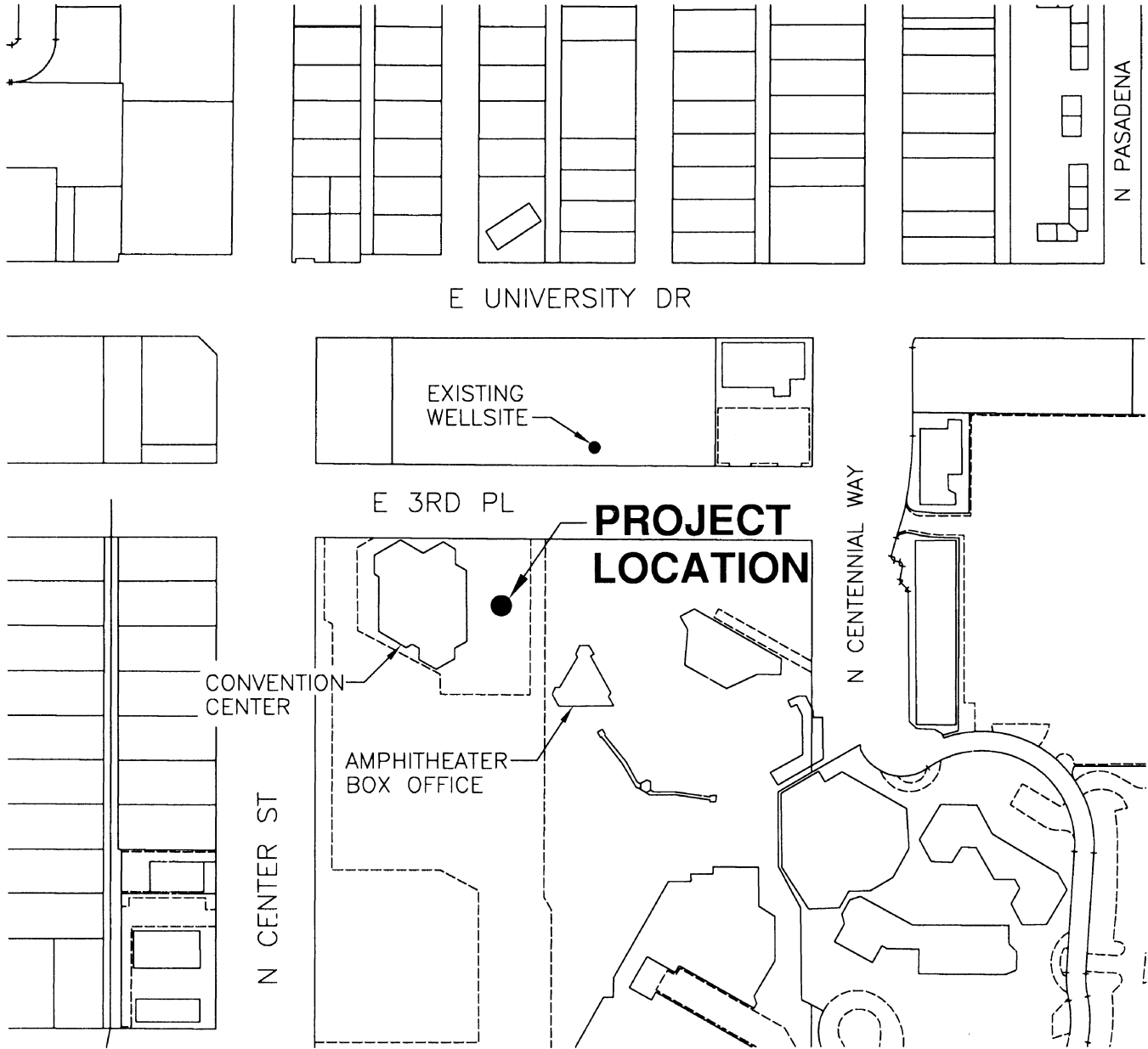


Jack Friedline, Deputy City Manager



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EXHIBIT "A"



PROJECT LOCATION MAP
RE-DRILL CITY WELL NO. 11
PROJECT NO. 05-056-003



NORTH
NOT TO SCALE

Budget Information:

Funding is available in the adopted FY 08/09 Water Capital Bond Program. This project may be funded with a \$500,000 grant and a 2%-interest loan, both from the American Recovery and Reinvestment Act of 2009 (ARRA) through the State's Water Infrastructure Finance Authority (WIFA). As a condition of the WIFA funding, this project must be "shovel ready" by June 15, 2009, which means ready for construction.

CITY OF MESA
MESA, ARIZONA

RE-DRILL CITY WELL No. 11
31 E. 3RD PLACE

PROJECT NO. 05-056-003

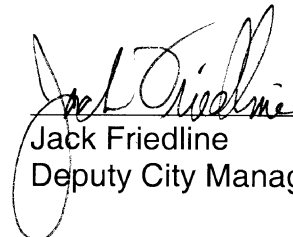
Tabulation of Bids Received Thursday, April 30, 2009, at 1:00 P.M.

ENGINEERS ESTIMATE	\$984,350.00
1. Zim Industries Inc.	\$892,040.00
2. Arizona Beeman Drilling	\$929,304.00
3. Drill Tech Inc.	\$955,919.00
4. Stewart Brothers Drilling Co.	\$1,109,160.00

Layne Christensen – Bid Not Read – Used Wrong Bid Schedule

WDC Exploration and Wells – Bid Not Read – No Certifications Included

Recommend award to low bidder, Zim Industries, Inc., in the amount of \$892,040.00 plus an additional \$89,204.00 (10% allowance for change orders) for a total award of \$981,244.00.



Jack Friedline
Deputy City Manager