



# City Council Report

**Date:** December 1, 2008  
**To:** City Council  
**Through:** Jack Friedline, Deputy City Manager  
**From:** Elizabeth Huning, City Engineer  
**Subject:** Skyway Village Waterline Replacement  
Project No. 03-078-001  
Council District 5

## Purpose and Recommendation

The purpose of this report is to provide information to the Council on the results of the bids received for Project No. 03-078-001, Skyway Village Waterline Replacement, to replace existing waterlines in a neighborhood on the northwest corner of McKellips and Power Road.

It is recommended that Council award this project to the low bidder, Brizco Construction LLC, in the amount of \$1,426,804.50 (refer to Exhibit A for location map).

## Background/Discussion

This project is located in a residential area north of McKellips Road and west of Power Road. This area has a history of recurring waterline breaks and the waterline sizes are substandard (3-inch, 4-inch, and 6-inch diameter) in size where 8-inch is the minimum diameter for today's standards. The waterlines and services are located in alleys rather than in the street right-of-way, which makes it difficult to access these facilities for maintenance. Additionally, the lines do not have fire hydrants.

This project will install approximately 15,000 linear feet of new 8-inch diameter and 1,000 linear feet of new 12-inch diameter waterlines within the right-of-way. The existing waterlines located in the alleys will be abandoned. Twenty-nine (29) fire hydrants will be installed to serve the neighborhood. This project will also replace all existing 157 water meters with automated meter reading (AMR) compatible water meters.

Currently, the existing water lines are in the alleys and the house service connections are at the back of the homes. New service lines are included in the project to reconnect the existing services in the back of the houses to the new line in the street. The contractor is required to give the property owner three days' notice prior to commencing any work on their property. The residents have given the City written permission to do the work on their property. The contractor is required to restore all

Landscaping and irrigation systems on private property after the new water system is installed. After the completion of the waterline work, streets in the neighborhood will be restored where necessary due to the construction activity.

Community Impact – Temporary impacts to the area will include construction noise and dust. At times there may be short-term driveway access restrictions and minimal water outages. Once work is started, the project is anticipated to take six (6) months to complete.

**Alternatives**

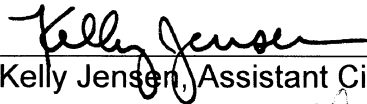
An alternative to this project would be not to replace the water mains, services, and meters, and not to add fire hydrants. This is not recommended due to the water main break history, substandard waterline sizes, and the lack of fire hydrants throughout the neighborhood.

**Fiscal Impact**

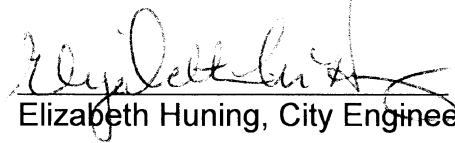
The recommended total award amount for this project is \$1,426,804.50, based on the low bid of \$1,297,095.00 plus an additional \$129,709.50 (10% allowance for change orders). Funding is available from the approved FY 08/09 Water Bond Capital Program.

**Coordinated With**

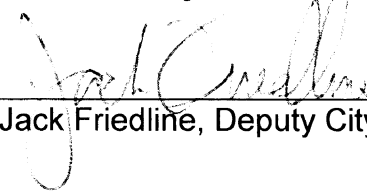
The Utilities Department concurs with this recommendation.



Kelly Jensen, Assistant City Engineer



Elizabeth Huning, City Engineer



Jack Friedline, Deputy City Manager



# EXHIBIT "A"



## PROJECT LOCATION MAP SKYWAY VILLAGE WATERLINE REPLACEMENT PROJECT NO. 03-078-001



NORTH  
NOT TO SCALE

Budget Information:

Funding is available from the approved FY 08/09 Water Bond Capital Program


CITY OF MESA  
MESA, ARIZONA

SKYWAY VILLAGE WATERLINE REPLACEMENT  
EAST HERMOSA VISTA DRIVE TO EAST MCKELLIPS ROAD,  
NORTH 64<sup>TH</sup> STREET TO NORTH POWER ROAD  
**PROJECT NO. 03-078-001**

Tabulation of Bids Received, Thursday, October 30, 2008, at 1:30 P.M.

<b>ENGINEER'S ESTIMATE</b>	<b>\$1,760,775.00</b>
1. Brizco Construction, LLC	\$1,297,095.00
2. Visus Engineering Construction, Inc.	\$1,373,754.00
3. Petra Contracting	\$1,398,294.00
4. T & T Construction, Inc.	\$1,405,110.00
5. J. J. Sprague of AZ., Inc.	\$1,415,213.35
6. Spire LLC	\$1,451,000.00
7. Kelco, LLC	\$1,453,175.00
8. B & F Contracting, Inc.	\$1,465,100.00
9. Pierson Construction, Corp.	\$1,487,010.00
10. J. Wise Corp.	\$1,504,196.00
11. Talis Construction, Corp	\$1,504,928.00
12. Arizona Pipeline Co	\$1,691,551.30
13. Blucor Contracting, Inc	Insufficient Licensing
14. Norquay Construction, Inc.	Insufficient Licensing

Recommend award to low bidder, Brizco Construction, LLC, in the amount of \$1,297,095.00 plus an additional \$129,709.50 (10% allowance for change orders) for a total award of \$1,426,804.50.

  
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Jack Friedline  
Deputy City Manager