



AGENDA
ITEM 6h
DATE 9-14-09

City Council Report

Date: September 14, 2009
To: City Council
Through: Jack Friedline, Deputy City Manager
From: Elizabeth Huning, City Engineer
Subject: City Well 12 Discharge Line to Pasadena Reservoir
6th Street and Pasadena
Project No. 09-053-001
Council District 4

**Strategic
Initiatives**



Purpose and Recommendation

The purpose of this report is to provide information to the Council on the bids received for the City Well 12 Discharge Line to Pasadena Reservoir (See Exhibit "A").

It is recommended that Council award this project to the low bidder, Spire Engineering L.L.C. for a total award of \$149,798.00.

Background

Pasadena Reservoir is one of two reservoirs that provides storage for water distribution in this area. The major source of water for the reservoir is from the Val Vista Water Treatment Plant (VWTP). The reservoir fills at night during periods of low demand and as demand increases during the day, the reservoir gradually empties into the water distribution system. During times when the VWTP is out of service or demand is high, the Pasadena Reservoir may be filled by using various city ground water pumps.

Community Impact – Temporary impacts to the area may include construction noise, dust and temporary traffic restrictions. The project is scheduled to be completed within thirty (30) calendar days.

Discussion

The discharge line from City Well 12 to Pasadena Reservoir was constructed of cast iron in the late 1950's, therefore, is brittle and susceptible to breaks. Additionally, the well pump has been upgraded resulting in increased pressure on the discharge line. Breaks have been occurring on a frequent basis the past couple of years and recently began escalating with the replacement of the City Well 12 pump. The VWTP will be out of service beginning November 16th for routine Salt River Project (SRP) canal

maintenance and the City Zone will then rely on the discharge lines from wells to fill the Reservoir. It is imperative that this line be replaced prior to SRP's canal maintenance so that the Pasadena Reservoir can remain in service during the VVWTP shutdown.

Alternatives

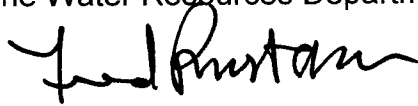
An alternative would be to not proceed with this project and not replace this discharge line. This is not recommended since City will not have the ability to fill the Pasadena Reservoir and supply the City Zone with water.

Fiscal Impact

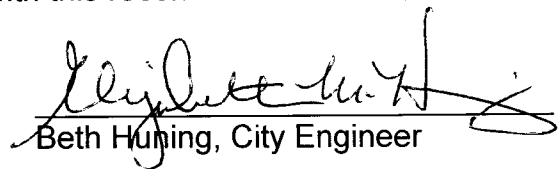
The recommended total award of this project is \$149,798.00, which consists of a low bid of \$136,180.00 plus an additional \$13,618.00 (10% allowance for change orders). This project is funded from the approved FY 09/10 Water Bond Capital Program.

Coordinated With

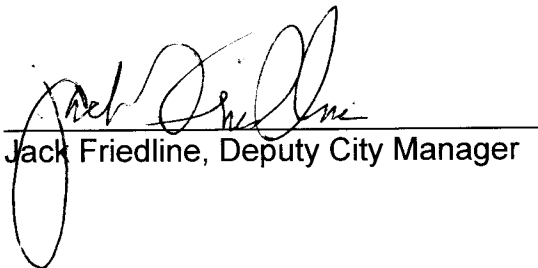
The Water Resources Department concurs with this recommendation.



for _____
Kelly Jensen, Assistant City Engineer



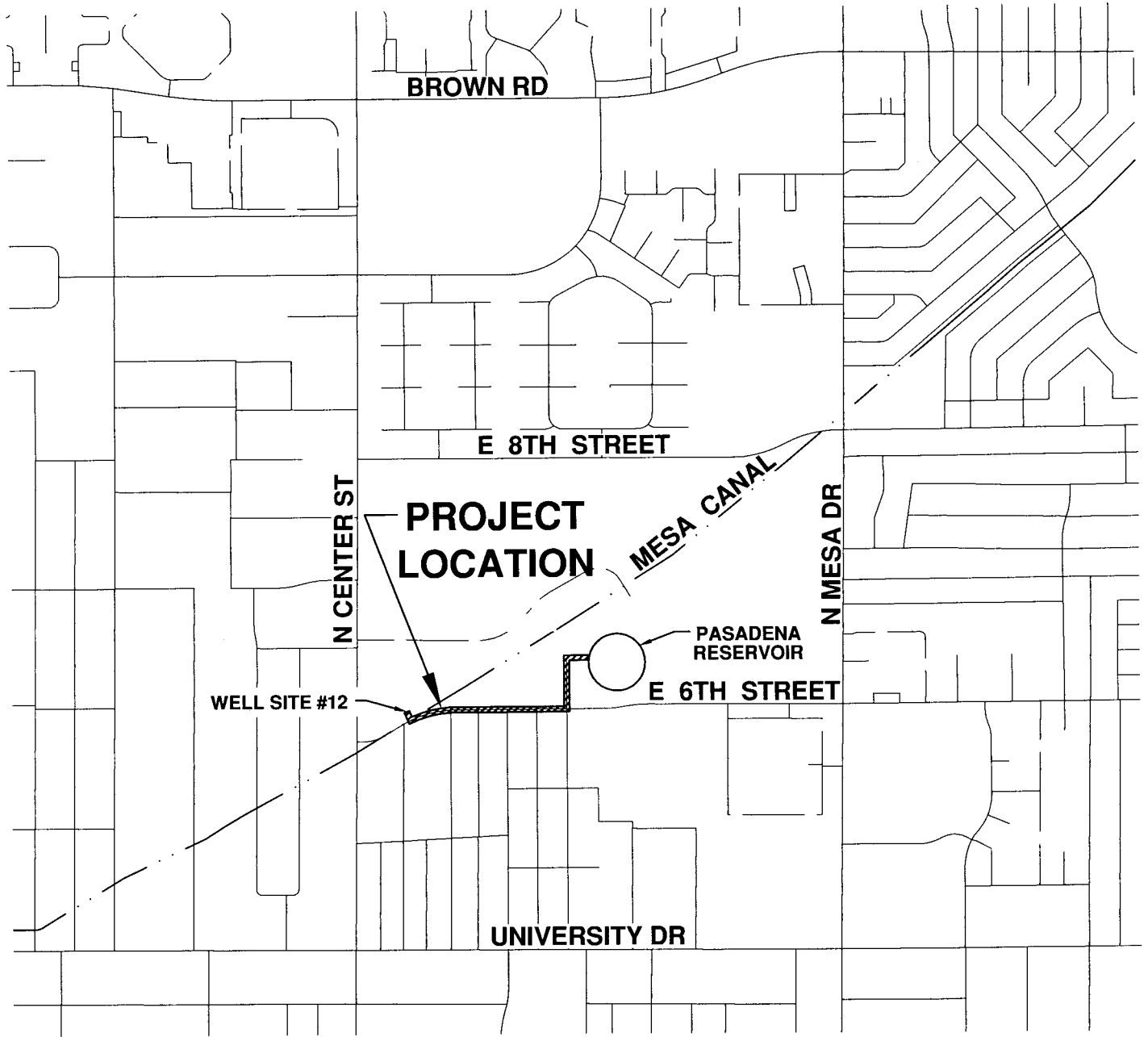
Beth Hujing, City Engineer



Jack Friedline, Deputy City Manager



EXHIBIT "A"



DATE SAVED: 9/3/09 I:\09-053-001 CITY WELL B AND 12 DISCHARGE LINES\CAD AND OTHER GRAPHICS\COUNCIL MAP.DWG

CITY WELL 12 DISCHARGE LINE TO PASADENA RESERVOIR 6TH STREET AND PASADENA PROJECT NO. 09-053-001



CITY OF MESA
MESA, ARIZONA

CITY WELL 12 DISCHARGE LINE TO PASADENA RESERVOIR,
6TH STREET AND PASADENA

PROJECT NO. 09-053-001

Tabulation of Bids Received Thursday, September 3, 2009, at 2:30 P.M.

ENGINEERS ESTIMATE	\$105,175.00
1. Spire Engineering LLC	\$136,180.00
2. Apache Pipelines Inc.	\$139,208.00
3. City Wide Contracting LLC	\$144,410.00
4. Shiya Strepshans Contracting Co.	\$148,410.00
5. Crush Construction LLC	\$149,740.00
6. Sahuaro Pipeline Corp.	\$154,384.00
7. Underground Utilities Inc.	\$158,987.98
8. Juarez Contracting Inc.	\$162,977.50
9. Mitchell McCain Construction LLC	\$163,320.00
10. Gunsight Construction Companies LLC	\$177,000.00
11. Blucor Contracting Inc.	\$192,312.50
12. Lee's Pipelines Inc.	\$213,575.00
13. B & F Contracting Inc.	\$218,600.00
14. Arizona State Utilities Inc.	\$241,600.00
15. Prime Contracting LLC	\$286,485.00
16. Arapahoe Utilities and Infrastructure Inc. – Bid Rejected – Insufficient Experience	
17. Mercury Constructors Inc. – Bid Rejected – Insufficient Experience	
18. Odessa Construction LLC – Bid Rejected – Insufficient Experience	

19. R.K. Sanders Inc. – Bid Rejected – No Performance History Submitted
20. Subterranean Construction – Bid Rejected – Insufficient Experience
21. Straightline Utilities LLC – Bid Rejected – Insufficient Experience
22. Summit Pueblo West LLC – Bid Rejected – Insufficient Experience
23. Visus Engineering Construction Inc. – Bid Rejected – Insufficient Experience