



AGENDA *6c*
ITEM _____
DATE 10-5-09

City Council Report

Date: October 5, 2009
To: City Council
Through: Jack Friedline, Deputy City Manager
From: Elizabeth Huning, City Engineer
Subject: Water Meter Assembly Rehabilitation
City Project 01-603-006
Citywide

Strategic Initiatives



Purpose and Recommendation

The purpose of this report is to provide information to the Council on the results of the bids received for the 2008/2009 Water Meter Assembly Rehabilitation (Refer to Exhibit "A" for locations).

It is recommended that the Council award the Base Bid and Bid Alternate Nos. 1 and 3 to the low bidder, Shiya-Strephans Contracting Company for a total award of \$300,575.00.

Background & Discussion

This project will replace twenty-four commercial water meters that range in size from four-inches to six-inches in diameter. The meters serve large users such as apartment complexes, condominiums and mobile home parks throughout the City. The meters are beyond their service life and are located underground in concrete vaults, which creates access and confined space concerns. This project will install new meters above ground and allow a more cost-effective maintenance program. A backflow prevention device is required at each meter location to prevent water from traveling back into the City's water system. Due to their age, the existing water meters being replaced do not currently have backflow prevention devices. The new above-ground meter assemblies will be installed in City right-of-way or in newly acquired Public Utilities and Facilities Easements (PUFE's).

Community Impact – The work associated with this project will take place at various locations throughout the City over a period of five months. The residents served by each meter may be without water service for one day between the hours of 10:00 am and 2:00 pm. The contractor is required to provide a 48-hour notice prior to temporarily shutting off the water supply to any properties.

Alternatives

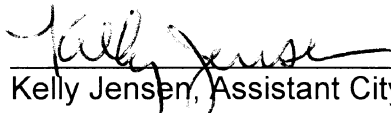
An alternative to this project would be not to replace the water meter assemblies. This is not recommended since the existing large water meters located in underground vaults are in poor condition and are difficult to maintain. Additionally, the existing meters were originally installed without backflow prevention devices, which leaves the City vulnerable to contamination of the water system.

Fiscal Impact

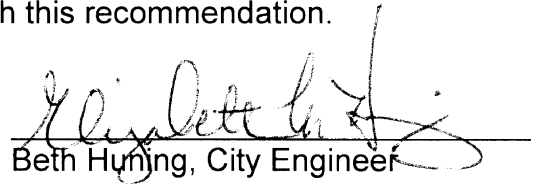
The recommended total award amount for this project is \$300,575.00, which is based on the low bid of \$273,250.00 plus an additional \$27,325.00 (10% allowance for change orders). Funding is available in the Approved FY 09/10 Water Bond Capital Program.

Coordinated with

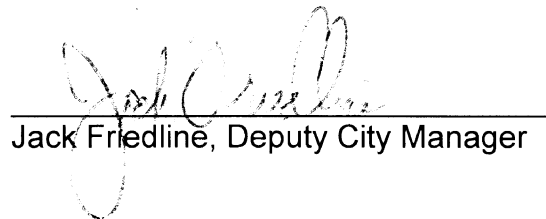
The Water Resources Department concurs with this recommendation.



Kelly Jensen, Assistant City Engineer



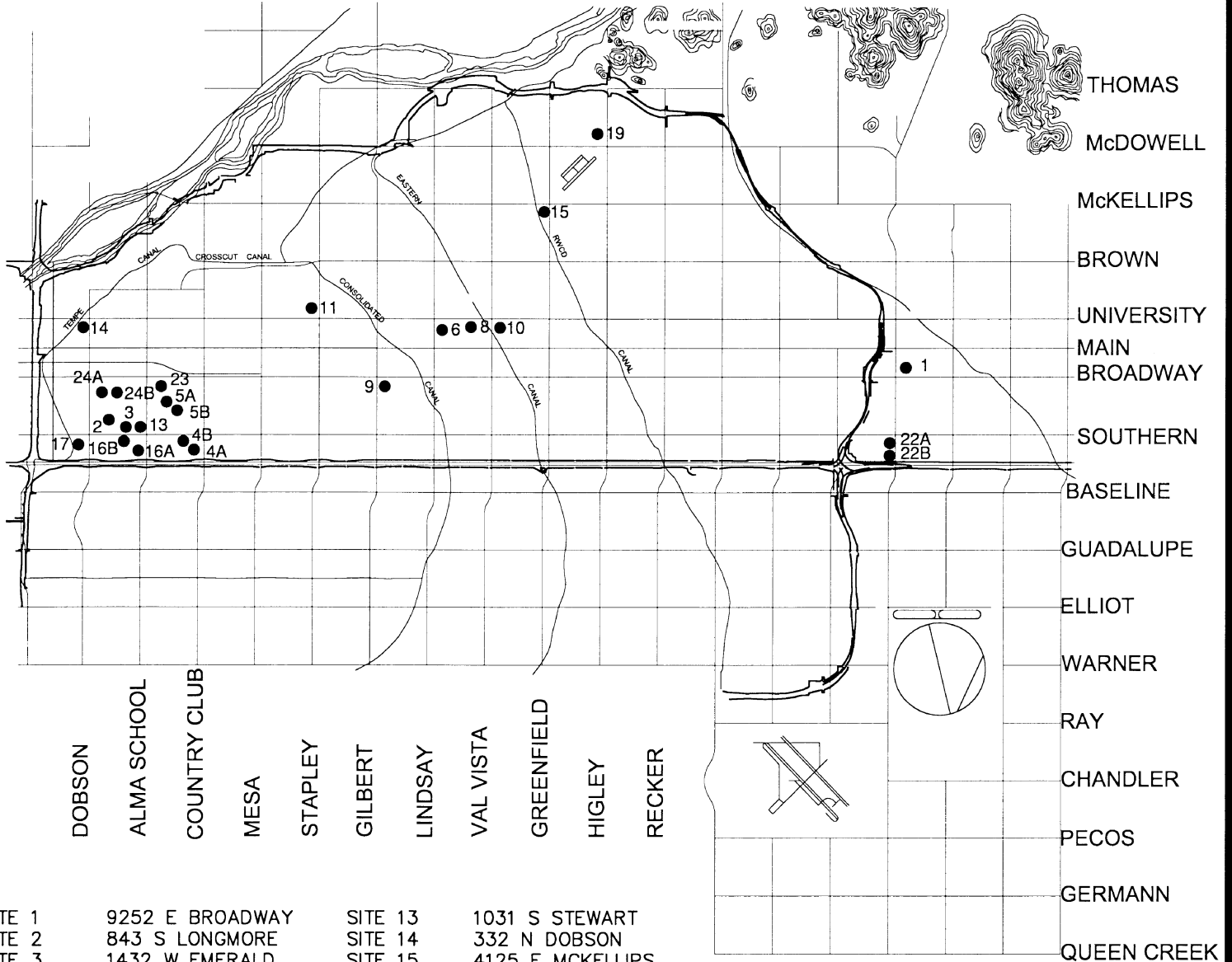
Beth Hujung, City Engineer



Jack Friedline, Deputy City Manager



EXHIBIT "A"



SITE 1	9252 E BROADWAY	SITE 13	1031 S STEWART
SITE 2	843 S LONGMORE	SITE 14	332 N DOBSON
SITE 3	1432 W EMERALD	SITE 15	4125 E MCKELLIPS
SITE 4A	461 W HOLMES	SITE 16A	1455 W SOUTHERN
SITE 4B	461 W HOLMES	SITE 16B	1425 W SOUTHERN
SITE 5A	818 S WESTWOOD	SITE 17	1400 S DOBSON
SITE 5B	818 S WESTWOOD	SITE 19	5000 E MCDOWELL
SITE 6	303 N LINDSAY	SITE 22A	1452 S ELLSWORTH
SITE 8	3345 E UNIVERSITY	SITE 22B	1452 S ELLSWORTH
SITE 9	524 S STAPLEY	SITE 23	839 S WESTWOOD
SITE 10	3665 E UNIVERSITY	SITE 24A	1840 W EMELITA
SITE 11	520 N STAPLEY	SITE 24B	1840 W EMELITA

LEGEND

- WATER METER ASSEMBLY SITE

PROJECT LOCATION MAP 2008/2009 WATER METER ASSEMBLY REHABILITATION PROJECT NO. 01-603-006



CITY OF MESA
MESA, ARIZONA

Water Meter Assembly Rehabilitation

PROJECT NO. 01-603-006

Tabulation of Bids Received, Thursday, September 3, 2009, at 2:00 P.M.

ENGINEER'S ESTIMATE	\$341,875.00
1. Shiya-Strephans Contracting Company	\$273,250.00
2. Mitchell McCain Construction LLC	\$307,950.00
3. Wescon Corporation	\$347,607.00
4. Spire Engineering LLC	\$352,500.00
5. Sahuaro Pipeline Corporation	\$382,400.00
6. GN Construction Company Inc.	\$401,934.00
7. G and G Construction Company	\$405,607.60
8. B & F Contracting Inc.	\$406,490.00
9. J Slash B Enterprises Inc.	\$406,761.60
10. Visus Engineering Construction Inc.	\$433,000.00
11. Michels Corporation	\$532,771.67
12. Arizona Pipeline Company	\$561,996.50
13. Lee's Pipelines Inc.	\$763,563.00