



AGENDA
ITEM 49
DATE 12-8-08

City Council Report

Date: December 8, 2008
To: City Council
Through: Jack Friedline, Deputy City Manager
From: Elizabeth Huning, City Engineer
Subject: Water Meter Assembly Rehabilitation
City of Mesa Project No. 01-603-005
Citywide

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. 01-603-005, Water Meter Assembly Rehabilitation. Refer to attached Exhibit A for the thirty locations proposed for award with this project.

It is recommended that the Council award the Base Bid plus Alternate Nos. 2 and 3 to the low bidder, Shiya-Strephans Contracting Co., for a total award of \$361,460.00.

Background & Discussion

This project will replace thirty (30) commercial water meters that range in size from four-inch to eight-inch throughout the City. The meters serve large users such as apartment complexes, condominiums and mobile home parks. These meters are beyond their service life and are located underground in concrete vaults, which create 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 included at each meter location to prevent water from traveling back into the City's water system. None of the existing water meters being replaced 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 six 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 disconnecting 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

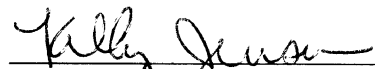
The recommended total award amount for this project is \$361,460.00, which is based on the low bid of \$328,600.00 plus an additional \$32,860.00 (10% allowance for change orders). Funding is available from the Approved FY 08/09 Water Bond Capital Program.

Concurrence

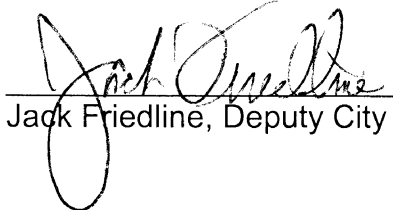
The Utilities Department concurs with this recommendation.



Kelly Jensen, Assistant City Engineer



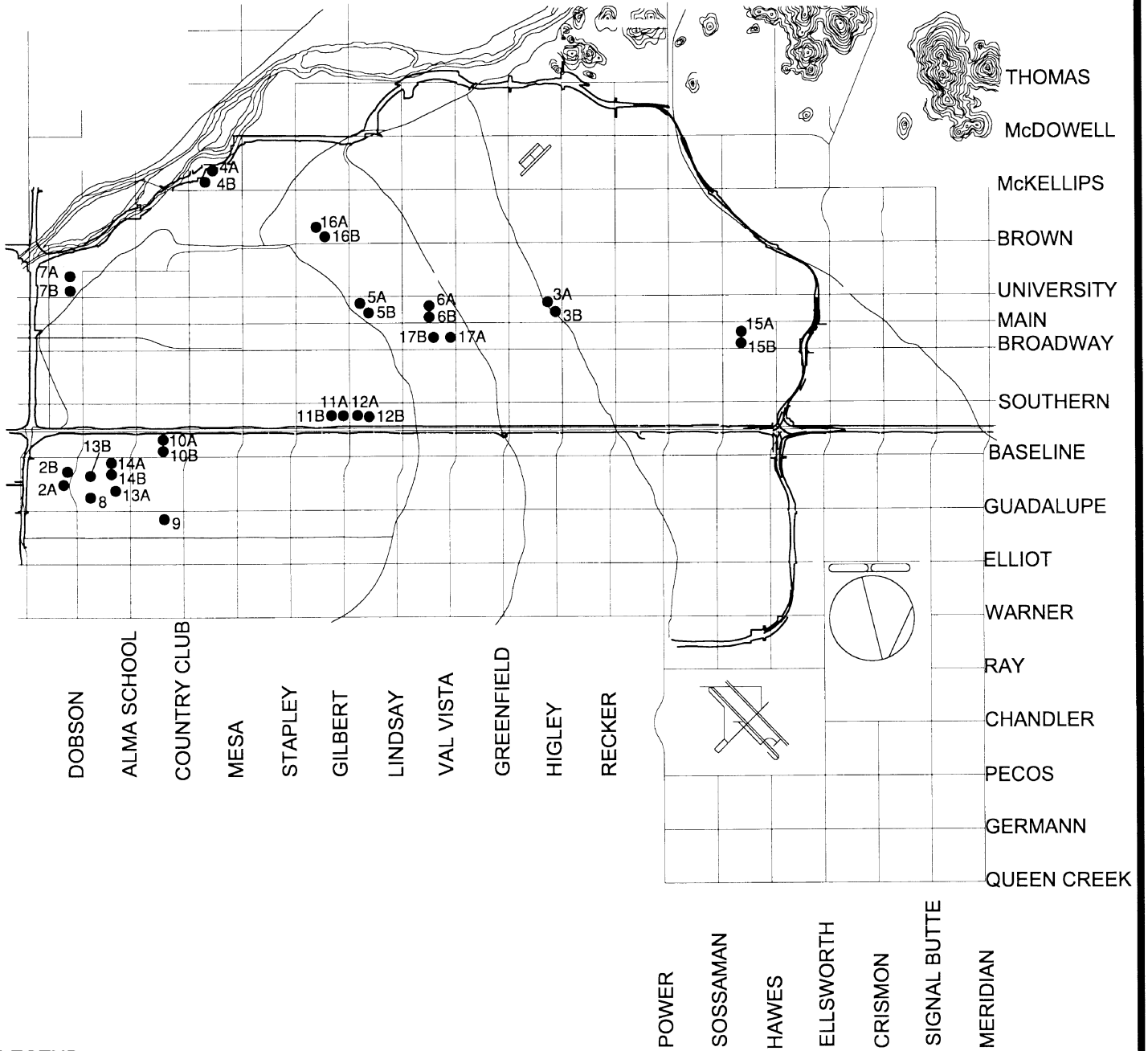
for Elizabeth Hurling, City Engineer



Jack Friedline, Deputy City Manager



EXHIBIT "A"



LEGEND

● WATER METER ASSEMBLY SITE (30 TOTAL)

PROJECT LOCATION MAP WATER METER ASSEMBLY REHABILITATION PROJECT NO. 01-603-005



Budget Information:
FY 08/09 Water Bond Capital Program

CITY OF MESA
MESA, ARIZONA

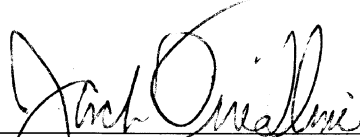
WATER METER ASSEMBLY REHABILITATION
VARIOUS LOCATIONS

PROJECT NO. 01-603-005

Tabulation of Bids Received, Thursday, November 13, 2008, at 1:00 P.M.

ENGINEER'S ESTIMATE (Base Bid plus Alternate Nos. 2 and 3)	\$697,530.50
1. Shiya-Strephans Contracting Co.	\$328,600.00
2. Standard Construction Co. Inc.	\$368,550.00
3. Visus Engineering Construction	\$403,500.00
4. Ellison-Mills contracting, LLC	\$438,203.76
5. Brizco Construction, LLC	\$461,400.00
6. R.K. Sanders, Inc.	\$507,810.00
7. B & F Contracting, Inc	\$512,920.00
8. Tackett Construction, Inc	\$652,020.00
9. T & T Construction Corp	\$708,720.00
10. Pierson Construction Corp	\$722,245.00
11. RDH Environmental Services, LLC	\$741,547.96
12. Arizona Pipeline Company	\$754,545.00
13. Hunter Contracting Company	\$874,560.00
14. Underground Utilities, Inc.	\$919,760.13
15. Kleven Construction	Rejected – Did Not Acknowledge Addendum #1

Recommend award to low bidder, Shiya-Strephans Contracting, Company, in the amount of \$328,600.00 plus an additional \$32,860.00 (10% allowance for change orders) for a total award of \$361,460.00.



Jack Friedline
Deputy City Manager