



REVISED

AGENDA
ITEM
DATE 5e
4-20-09

City Council Report

Date: April 20, 2009
To: City Council
Through: Jack Friedline, Deputy City Manager
From: Elizabeth Huning, City Engineer
Subject: 1st Street Improvements – Country Club Drive to Date Street
City of Mesa Project No. 01-656-006
Council District No. 4

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. 01-656-006, 1st Street Improvements (See Exhibit “A” for project location).

It is recommended that the Council award this project to the low bidder, Sahuaro Pipeline Corporation Inc., for a total award of \$335,102.79.

Background

The existing 6-inch diameter wastewater line on 1st Street, from Country Club Drive to Date Street, was installed in 1948 using vitrified clay pipe (VCP). Recently this wastewater line has become increasingly susceptible to clogs and sewage backups. A video inspection of the pipeline revealed that the wastewater line has deteriorated and has collapsed in several locations which restricts wastewater flow, so the pipeline can no longer function as designed.

The existing 6-inch water line on 1st Street was installed in 1946, is a substandard size, has reached its design life, and requires replacement. Since the wastewater line must be replaced, it is more economical to replace both utility lines at the same time.

Community Impact – Temporary impacts to the area will include construction noise, dust, traffic restrictions, and temporary water service interruption (for a maximum of four hours). Service outages will be coordinated with the property owners. Once work is started, project completion is anticipated within forty five (45) calendar days.

Discussion

This project will replace 1,060 linear feet of wastewater lines with new 8-inch wastewater lines and replace 1,350 linear feet of waterline with new 8-inch waterlines. The existing wastewater service laterals and water service lines will be replaced from the new pipelines to the adjacent property line to reconnect to the existing private services. Water meters and fire hydrants will also be replaced.

In 2006, the gas main on 1st Street was replaced. Once the new water and wastewater lines are installed the pavement will be in very poor condition, so this project will provide a pavement overlay of the roadway. The sidewalks will also be improved to comply with the Americans with Disabilities Act (ADA) requirements.

Alternatives

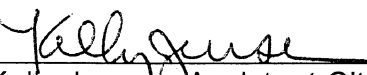
An alternative would be to not proceed with this project and not replace the aging wastewater, water, and pavement infrastructure. This is not recommended, since this area is susceptible to wastewater clogs and backups and the water main has reached the end of its useful life. Additionally, the pavement is in poor condition.

Fiscal Impact

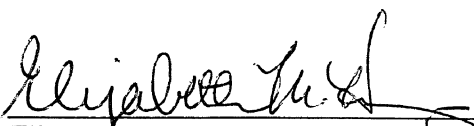
The recommended total award for this project is \$335,102.79, which consists of a low bid of \$304,638.90 plus an additional \$30,463.89 (10% allowance for change orders). This project is funded from the Preliminary FY 09/10 Water and Wastewater Bond Capital Programs and the Preliminary FY 09/10 Street Maintenance Operating Budget.

Coordinated With

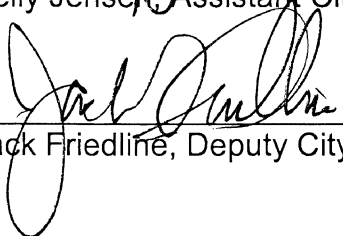
The Water Resources Department and Transportation Department concur with this recommendation.



Kelly Jensen, Assistant City Engineer



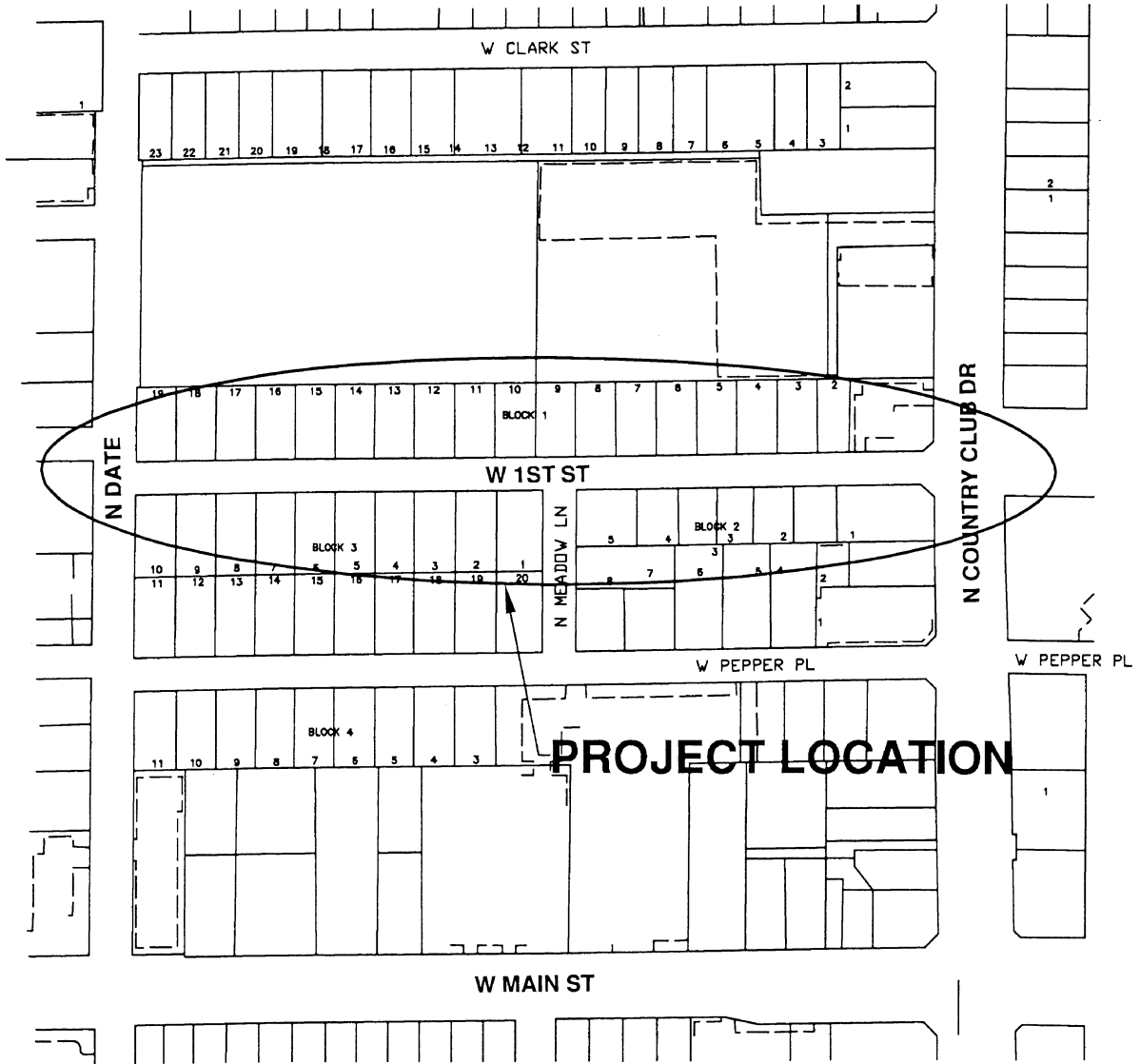
Elizabeth Huning, City Engineer



Jack Friedline, Deputy City Manager



EXHIBIT "A"



FILE: i:\Cad Standards\Work in Progress\Council Map.dwg 09/16/08

PROJECT LOCATION MAP 1st STREET IMPROVEMENTS COUNTRY CLUB DR. TO DATE ST. PROJECT NO. 01-656-006



Budget Information:
Preliminary FY 09/10 Water and Wastewater Bond Capital Programs and
the Preliminary FY 09/10 Street Maintenance Operating Budget

CITY OF MESA
MESA, ARIZONA

1ST STREET IMPROVEMENTS, COUNTRY CLUB DRIVE TO DATE STREET

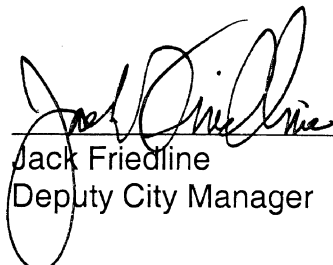
PROJECT NO. 01-656-006

Tabulation of Bids Received, Thursday, March 19, 2009, at 2:30 P.M.

ENGINEER'S ESTIMATE	\$440,000.00
1. Sahuaro Pipeline Corporation Inc.	\$304,638.90
2. Standard Construction Company Inc.	\$314,625.00
3. Visus Engineering Construction	\$315,375.00
4. Kelco LLC	\$327,960.00
5. T and T Construction Inc.	\$330,231.25
6. J J Sprague of Arizona Inc.	\$333,500.00
7. B and F Contracting Inc.	\$355,088.00
8. Arizona Pipeline Company	\$543,179.50

Brizco Construction – Bid Rejected – Incorrect License
D and O Contractors Inc. – Bid Rejected – Incorrect License
Kleven Construction – Bid Rejected – Incorrect License
Pierson Construction Corporation – Bid Rejected – Incorrect License
RGU ERU Joint Venture – Bid Rejected – Incorrect License
R K Sanders Inc. – Bid Rejected – Incorrect License
Spire Engineering LLC – Bid Rejected – Incorrect License

Recommend award to low bidder, Sahuaro Pipeline Corporation Inc., in the amount of \$304,638.90 plus an additional \$30,463.89 (10% allowance for change orders) for a total award of \$335,102.79.



Jack Friedline
Deputy City Manager