



City Council Report

Date: December 1, 2008
To: City Council
Through: Jack Friedline, Deputy City Manager
From: Elizabeth Huning, City Engineer
Subject: Kino Junior High School Water and Gas Replacement
City of Mesa Project No. 01-603-007

Purpose and Recommendation

The purpose of this report is to provide information to the Council on the bid results received for Project No. 01-603-007, Kino Junior High School Water and Gas Replacement. Refer to attached Exhibit "A" for the location of this project.

It is recommended that the Council award the construction contract for this project to the low bidder, Tri-Com Corporation, for a total award of \$56,998.70.

Background & Discussion

This project will replace an existing four-inch water service line and meter and a two-inch gas service line and meter at Kino Junior High School. The existing water line and meter and the gas line and meter were installed in 1965 as part of the original Kino Junior High School construction. The existing four-inch water service provided water and the two-inch gas service provided gas to both the school and the City's pool. Both the water and gas facilities are beyond their service life and the water meter and service is undersized to meet the demands of the City's new pool facility currently under construction. Additionally, the water meter is located underground in a concrete vault, which creates access and confined space concerns for City maintenance staff. The single existing water meter will be replaced with two meters to allow the school to meter the school and pool usage separately. The single existing gas meter will also be replaced with two meters to meter the pool separately from the school.

The existing four-inch water line will be up-sized to a new eight-inch water line in order to accommodate larger water demands. A two-inch gas line will be installed in the same trench (by City Forces) while the new water service is constructed. City forces will also install the new water and gas meters.

Community Impact – The work associated with this project will take place during the school winter break, which is between December 22 and January 2, 2009. This is being scheduled to minimize the impact to the school district faculty and students attending the school. Residents that live near the project may experience temporary water outages while the new water main is being connected, but this is expected to be limited to two-hours or less per day. The contractor is required to provide a 48-hour notice to any home impacted prior to disconnecting the water supply. Traffic restrictions in the vicinity of Horne and 9th Place will be limited but required for a few days while utility connections are made within the street. The contractor is required to maintain a minimum of one lane in each direction open to traffic on Horne at all times.

Alternatives

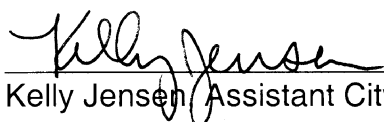
An alternative to this project would be not to replace the water meter and water line. This is not recommended since the existing water line and water meter have exceeded their service life. In addition, the existing water meter does not have an approved backflow prevention device. Also, this new service is required for the new Kino Pool water supply and fire service.

Fiscal Impact

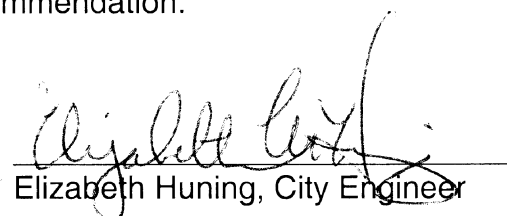
The recommended total award amount for this project is \$56,998.70, based on the low bid of \$51,817.00, plus an additional \$5,181.70 (10% allowance for change orders). Funding is available from the Approved FY 08/09 Water Bond Program.

Concurrence

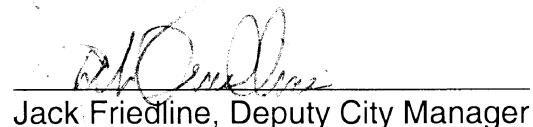
The Utilities Department concurs with this recommendation.



Kelly Jensen, Assistant City Engineer



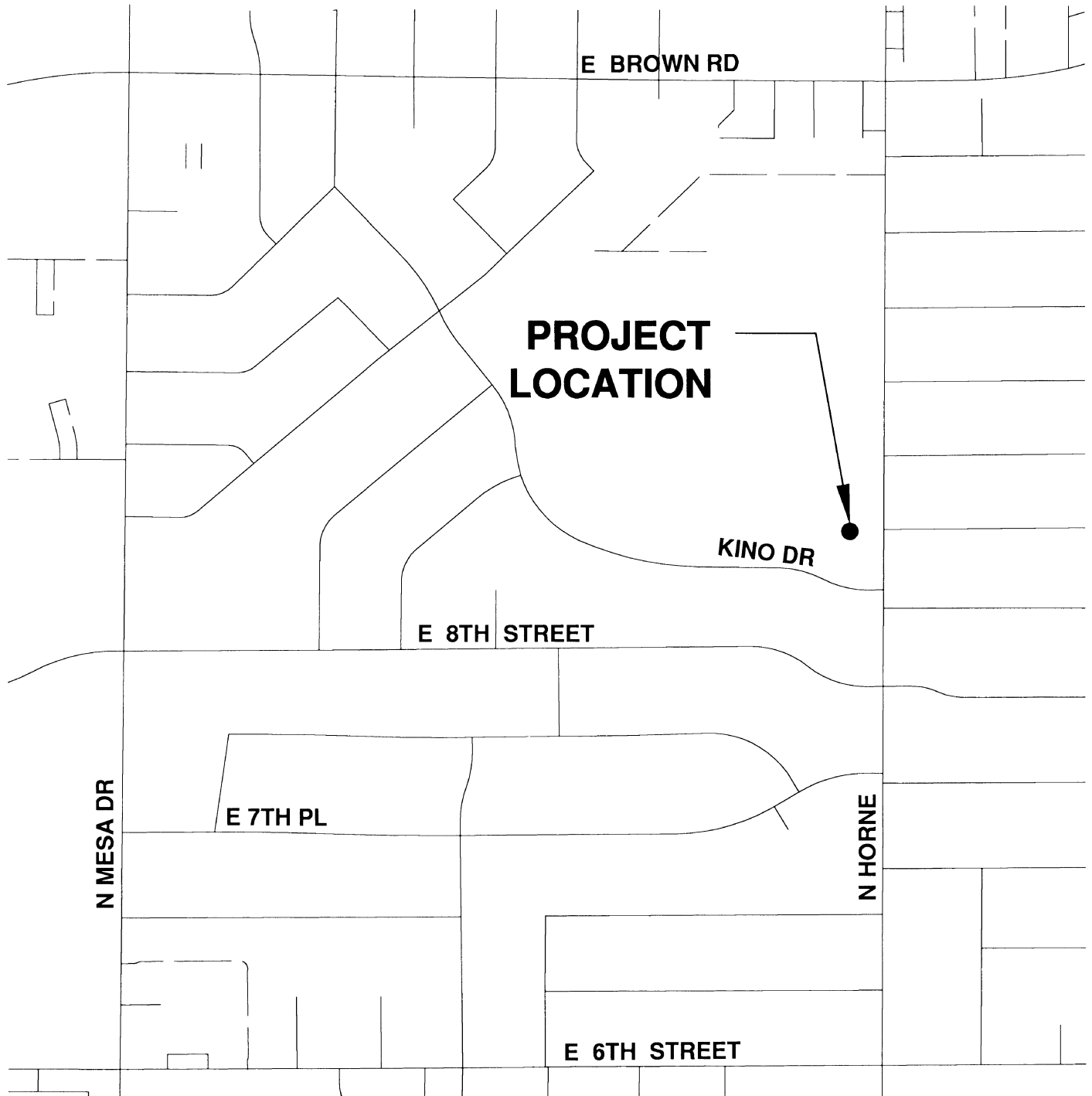
Elizabeth Huning, City Engineer



Jack Friedline, Deputy City Manager



EXHIBIT "A"



DATE SAVED: 1/17/08: 01-603-007 KINO JHS WATER AND GAS\CAD\COUNCIL MAP.DWG

PROJECT LOCATION MAP
KINO JHS WATER AND GAS LINE REPLACEMENT
848 N HORNE
PROJECT NO. 01-603-007



Budget Information:
FY 08/09 Adopted Water Bond Program

CITY OF MESA
MESA, ARIZONA


KINO JUNIOR HIGH SCHOOL WATER AND GAS LINE REPLACEMENT

PROJECT NO. 01-603-007

Tabulation of Bids Received, Thursday, November 13, 2008, at 3:00 P.M.

ENGINEER'S ESTIMATE	\$71,680.00
1. Tri-Com Corporation	\$51,817.00
2. Sallaway Development LLC	\$59,448.25
3. Spire Engineering LLC	\$62,140.00
4. Kelco Contracting Company	\$62,880.00
5. Low Mountain Construction Co Inc	\$63,874.00
6. Sahuaro Pipeline Corporation Inc	\$64,501.60
7. Arizona Pipeline Company Inc	\$65,499.00
8. Visus Engineering Construction Inc	\$65,800.00
9. Talis Construction Corporation	\$66,036.00
10. Standard Construction Company Inc	\$67,110.00
11. RK Sanders Inc	\$72,260.00
12. Jay Pacific Corporation	\$73,797.00
13. J Slash B Enterprises, Inc	\$89,803.40
14. Pierson Construction Corporation	\$99,460.00

Recommend award to low bidder, Tri-Com Corporation, in the amount of \$51,817.00 plus an additional \$5,181.70 (10% allowance for change orders) for a total award of \$56,998.70.



Jack Friedline
Deputy City Manager