



COUNCIL AGENDA: 11-16-04
ITEM: 4.3

Memorandum

TO: HONORABLE MAYOR AND
CITY COUNCIL

FROM: Katy Allen

SUBJECT: WILLOW GLEN GUADALUPE
PHASE II STORM DRAIN
IMPROVEMENT PROJECT

DATE: 10-27-04

Approved

Date 11/2/04

Council District: 6

RECOMMENDATION

Report on bids and award of contract for the Willow Glen - Guadalupe, Phase II Storm Drain Improvement Project to the low bidder, Casey Construction, for the base bid and Add Alternate Nos. 1 and 2, in the amount of \$1,428,068, and approval of a contingency in the amount of \$143,000.
CEQA: Resolution No. 64667, PP04-261.

BACKGROUND

Most of the existing storm sewers within this project area were constructed many years ago and some neighborhood streets have no storm drains at all. Due to age of the system, sewers in these mature neighborhoods exhibit capacity deficiencies. The existing storm sewer conditions are generally undersized and in deteriorated condition. This project will replace to current standards, existing storm drains in areas with the greatest need for improvement, and will construct new storm sewers.

This project will install approximately 3,500 feet of storm sewer pipe in diameters ranging from 15-inches to 60-inches and includes associated storm sewer inlets and manholes. This project will also abandon deteriorated portions of the older storm sewer system.

The project is located along Nevada Avenue between Lincoln and Newport Avenues, along Willow Glen Way and Telfer Avenue between Lincoln and Searles Avenues, and along Lincoln Avenue from Louise Avenue to Willow Glen Way (map attached).

Construction is scheduled to begin in February 2005 with completion in June 2005.

ANALYSIS

The project bid components consist of a base bid and two bid Alternates. The base bid scope of work includes the installation of approximately 2,200 feet of storm sewer pipe in diameters ranging from 21-inches to 60-inches and includes associated storm sewer inlets and manholes. The location is along Nevada Avenue between Lincoln and Newport Avenues, along Lincoln Avenue from Louise Avenue to Willow Glen Way at Telfer Avenue intersection, and along Willow Glen Way near the Guadalupe River Bridge. The scope of work for the two Add Alternate bid items is as follows:

Add Alternate No. 1: The installation of approximately 800 feet of storm sewer pipe in diameters ranging from 15-inches to 18-inches and includes associated storm sewer inlets and manholes. The location is along Willow Glen Way between Searles and Telfer Avenues.

Add Alternate No. 2: The installation of approximately 500 feet of storm sewer pipe 15-inch in diameter and includes associated storm sewer inlets and manholes. The location is along Telfer Avenue between Willow Glen Way and Searles Avenue.

Bids were opened on October 14, 2004 with the following results:

| <u>Contractor</u> | <u>Base Bid</u> | <u>Total Cost of Add Alternates</u> | <u>Total Bid</u> | <u>Variance Amount*</u> | <u>Over/(Under) Percent</u> |
|--|------------------|---|------------------|-----------------------------|---------------------------------|
| Diablo Contractors (San Ramon) | \$1,895,600 | \$303,960 | \$2,199,560 | \$683,020 | 45 |
| J. Howard Engineering, Inc (Burlingame) | 1,305,765 | 479,580 | 1,785,345 | 268,805 | 17.7 |
| Pacific Underground Const. (San José) | 1,307,780 | 352,115 | 1,659,895 | 143,355 | 9.5 |
| Pavex (San José) | 1,197,975 | 425,945 | 1,623,920 | 107,380 | 7.1 |
| McGuire & Hester (Oakland) | 1,218,170 | 390,152 | 1,608,322 | 91,782 | 6.1 |
| Engineer's Estimate | 1,256,020 | 260,520 | 1,516,540 | -- | -- |
| K J Woods Construction (San Francisco) | 1,164,950 | 323,050 | 1,488,000 | (28,540) | (1.9) |
| Casey Construction (Redwood City) | 1,103,292 | 324,776 | 1,428,068 | (88,472) | (5.8) |

* Variance amount is based on the Total Bid.

| <u>Contractor</u> | <u>Alternate No. 1</u> | <u>Alternate No. 2</u> | <u>Total Alternates</u> |
|----------------------------|------------------------|------------------------|-------------------------|
| Diablo Contractors | \$180,620 | \$123,340 | \$303,960 |
| J. Howard Engineering, Inc | 281,730 | 197,850 | 479,580 |
| Pacific Underground Const. | 209,330 | 142,785 | 352,115 |
| Pavex | 244,450 | 181,495 | 425,945 |
| McGuire & Hester | 220,174 | 169,978 | 390,152 |
| Engineer's Estimate | 154,440 | 106,080 | 260,520 |
| K J Woods Construction | 190,490 | 132,560 | 323,050 |
| Casey Construction | 189,324 | 135,452 | 324,776 |

The low bid, for both the base bid and the total bid cost (including the add alternates), was submitted by Casey Construction. The total bid is 5.8 percent below the Engineer's Estimate. An evaluation of the bid indicates lower unit costs for pipeline appurtenances than estimated by City staff. The bid submitted by Casey Construction is acceptable for the work involved in this project. Add Alternate Nos. 1 and 2 are recommended for award because the project budget is sufficient to accommodate this addition to the project.

Council Policy provides for a standard contingency of ten percent on public works utility projects. The standard contingency is appropriate for this project.

PUBLIC OUTREACH

To solicit contractors, this project was listed on the City's Internet Bid Line and advertised in the *San José Post Record*. Bid packages for all Department of Public Works construction projects are provided to various contractor organizations and builder's exchanges.

COORDINATION

This project and memorandum have been coordinated with the City Attorney's Office, and the Departments of Planning, Building and Code Enforcement, Transportation and Finance.

COST IMPLICATIONS

1. AMOUNT OF RECOMMENDATION: \$1,428,068

2. COST OF PROJECT:

| | |
|------------------|--------------------|
| Project Delivery | \$ 415,000* |
| Construction | 1,428,068 |
| Contingency | 143,000 |
| Total | <u>\$1,986,068</u> |

* \$198,943.18 of the Project Delivery Costs was expended in the prior fiscal years.

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3. SOURCE OF FUNDING: 469 - Storm Sewer Capital Fund

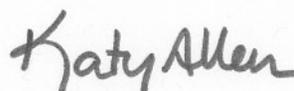
4. FISCAL IMPACT: This project is consistent with the Council-approved Budget Strategy Economic Recovery section in that it will spur construction spending in our local economy. The proposed operating and maintenance costs of this project have been reviewed and it has been determined that the project will have no significant adverse impact on the General Fund operating budget.

BUDGET REFERENCE

| Fund # | Appn # | Appn. Name | RC | Total Appn. | Amount for Contract | 2004-2005 Adopted Capital Budget Page | Last Budget Action (Date, Ord. No.) |
|--------|--------|---------------------------------|--------|-------------|---------------------|---------------------------------------|-------------------------------------|
| 469 | 4476 | Willow Glen-Guadalupe, Phase II | 122555 | \$1,975,000 | \$1,428,068 | Page V-222 | N/A |

CEQA

Resolution No. 64667, PP04-261, September 14, 2004.



KATY ALLEN
Director, Public Works Department

MO:CM:DM:jv
Attachment
(dm102004CM. Willow Glen Guadalupe Phase II Award.doc/Storm)

**WILLOW GLEN GUADALUPE
STORM DRAIN IMPROVEMENT
PHASE II**

