



City Council Report

Date: July 8, 2009
To: City Council
Through: Jack Friedline, Deputy City Manager
From: Beth Huning, City Engineering
Subject: Hermosa Vista Sulfide Control Station
City Project No. 02-364-002
Council District 5

Purpose and Recommendation

The purpose of this report is to provide information to the Council on the results of the bids received for the Hermosa Vista Sulfide Control Station, which is needed for the City's wastewater collection system. Refer to Exhibit "A" for the project location.

Staff recommends that Council award this project to the low bidder, City Wide Contracting LLC, for a total award of \$338,877.00.

Background and Discussion

Significant odor problems have been experienced in the vicinity of Greenfield and Brown Roads. It was determined that the installation of a Sulfide Control Station (SCS) that would discharge to the sewer line in Greenfield Road, north of Brown Road, would help to control these odors. A self contained "Package" type SCS, originally installed at the Warner Road Lift Station, had been removed from that location several years ago and is being stored at the Northwest Water Reclamation Plant (NWWRP). It was determined that the Package SCS could be installed at the Hermosa Vista Lift Station site, located approximately ½-mile west of Greenfield Road on the Hermosa Vista Road Alignment. This would eliminate the need to purchase a new site and would also allow the utilization of some of the existing electrical and control equipment installed for the lift station since the lift station and SCS can share the same electrical panels, thereby reducing the cost of this project. This project includes the relocation of the package SCS to the Hermosa Vista site and the installation of a ferrous chloride discharge line to the existing sewer line in Greenfield Road. The facility will treat the sewage in the lift station wet well and two wastewater lines located in Greenfield Road to control odors.

Community Impact – Temporary impacts include lane restrictions on Greenfield Road for installation of the injection lines that will connect to the wastewater line. Other temporary impacts may include noise and dust. Once started, construction is anticipated to be completed within ninety (90) calendar days.

Alternatives

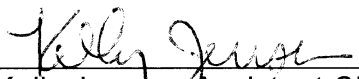
One alternative would be to not move and utilize the existing SCS. This is not recommended because the existing SCS is not being utilized and a new station will substantially increase construction costs.

Fiscal Impact


The recommended total award amount for this project is \$338,877.00, based on the low bid of \$308,070.00 plus an additional \$30,807.00 (10% allowance for change orders). Funding is available in the adopted FY 09/10 Wastewater Capital Bond Program.

Coordinated With

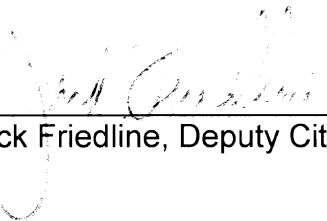
The Water Resources Department concurs with this recommendation.



Kelly Jensen, Assistant City Engineer

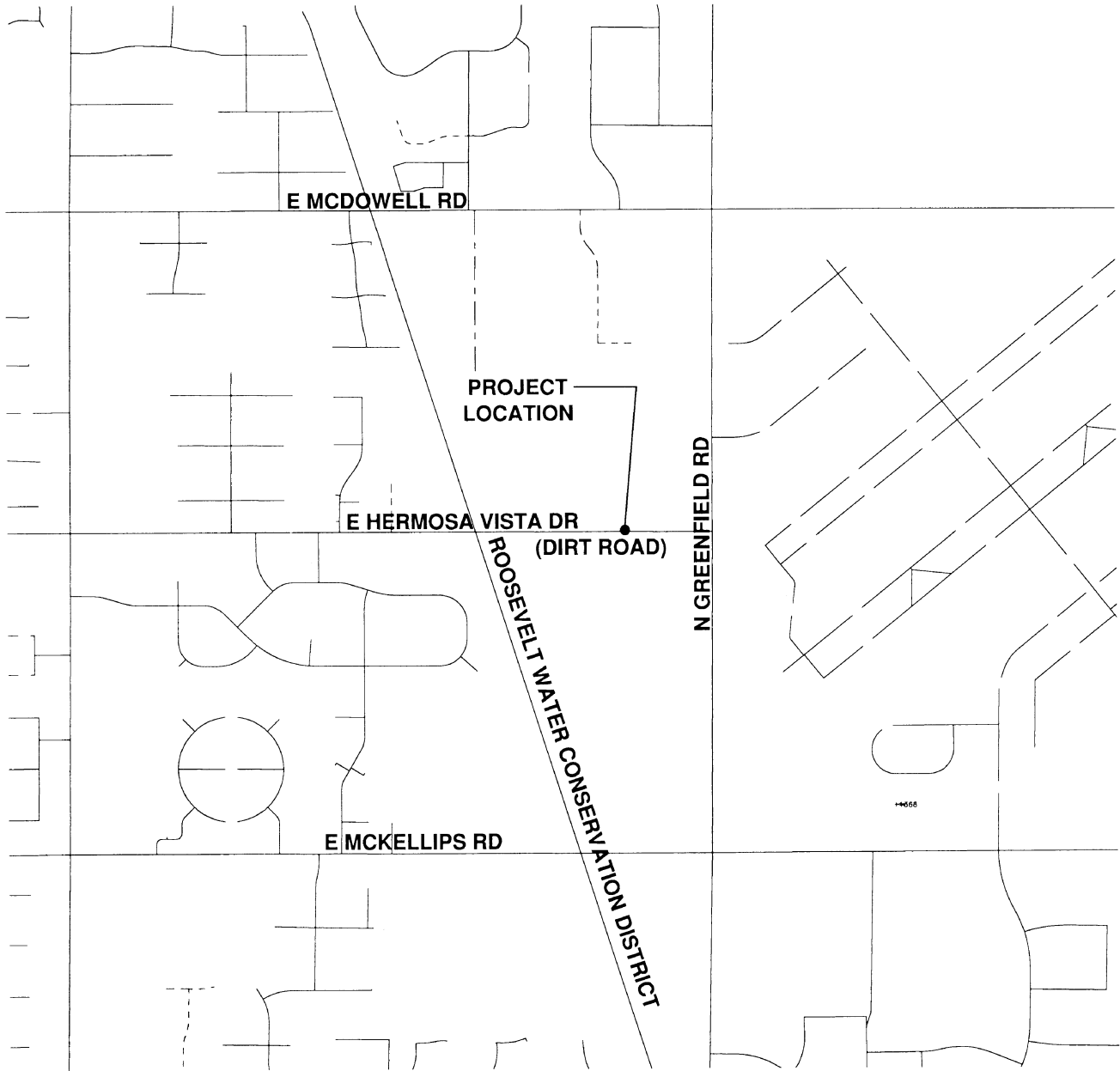


for Beth Huning, City Engineer



Jack Friedline, Deputy City Manager

EXHIBIT "A"



HERMOSA VISTA SULFIDE CONTROL STATION(SCS)
4233 E. HERMOSA VISTA DR.
PROJECT NO. 02-364-002



CITY OF MESA
MESA, ARIZONA

HERMOSA VISTA SULFIDE CONTROL STATION, 4233 E. HERMOSA VISTA
DRIVE

PROJECT NO. 02-364-002

Tabulation of Bids Received, Thursday, June 11, 2009, at 1:30 P.M.

ENGINEER'S ESTIMATE	\$378,400.00
1. City Wide Contracting LLC	\$308,070.00
2. Norquay Construction Inc.	\$311,480.00
3. Prime Contracting LLC	\$344,244.00
4. MGC Contractors Inc.	\$356,111.00
5. Haydon Building Corp.	\$359,110.00
6. Quest Civil Constructors Inc.	\$373,737.00