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AGENDA ITEM 6h
DATE 1-26-09

City Council Report

Date: January 26, 2009
To: City Council
Through: Jack Friedline, Deputy City Manager
From: Elizabeth Huning, City Engineer
Subject: Desert Sage II – Flow Control Valve
Project No. 01-556-001
Council District No. 5

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. 01-556-001, Desert Sage II – Flow Control Valve (See Exhibit “A” for project location).

It is recommended that the Council award this project to the low bidder, Pierson Construction Corporation, for a total award of \$42,625.00.

Background

The Desert Sage Water Zone of the City’s potable water system is served by two reservoirs, Desert Sage I and Desert Sage II. Desert Sage I reservoir is a one million gallon reservoir located in the vicinity of Power Road and Thomas Road. Desert Sage II reservoir is a three million gallon reservoir located in the vicinity of McKellips Road and Crismon Road. Currently, the water main that serves the Desert Sage II Reservoir is equipped with a 24-inch butterfly valve. This 24-inch valve can only be operated manually, which limits the ability of staff to regulate flow from the reservoir. To improve control of the flow from the reservoir into the water distribution system, this valve needs to be equipped with a motorized operator so it can be adjusted as needed from the City’s control center without sending staff to manually operate it.

Community Impact – Temporary impacts to the area will include construction noise and possible short term interruptions in routine reservoir operations. The construction will be contained on the City’s site. Once work is started, project completion is anticipated within thirty (30) calendar days.

Discussion

This project will install a motorized operator to the existing 24-inch butterfly valve at Desert Sage II Reservoir. The operator will allow utility operations the ability to better regulate flow through the reservoir, thus improving the operational characteristics of the existing water distribution system in the Desert Sage Water Zone.

Alternatives

An alternative would be to not proceed with this project. This is not recommended since

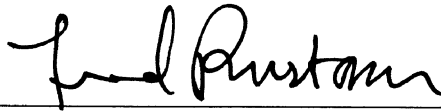
this would not allow Utility Operations the ability to better regulate flow from the reservoir.

Fiscal Impact

The recommended total award of this project is \$42,625.00 which consists of a low bid of \$38,750.00 plus an additional \$3,875.00 (10% allowance for change orders). This project is funded from the Adopted FY 08/09 Water Bond Capital program.

Coordinated With

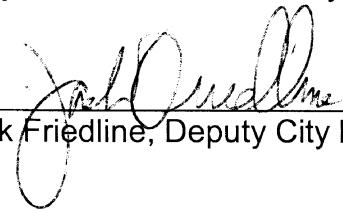
The Utilities Department concurs with this recommendation.

for 

Kelly Jensen, Assistant City Engineer



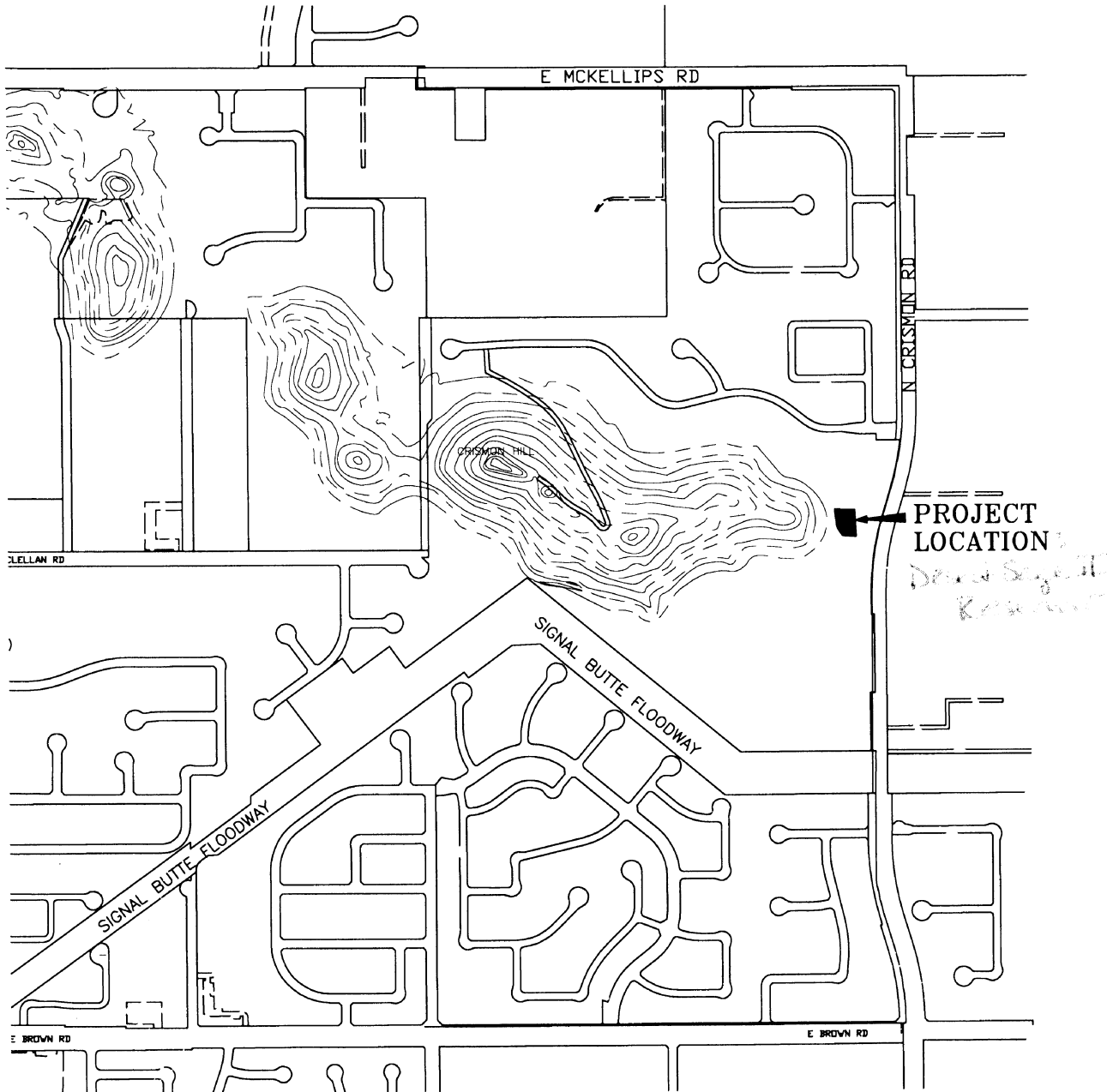
Elizabeth Huning, City Engineer



Jack Friedline, Deputy City Manager



EXHIBIT "A"



**PROJECT LOCATION MAP
DESERT SAGE II RESERVOIR
1636 N. CRISMON
PROJECT NO. 01-556-001**



Budget Information:
FY 08/09 Water Bond Capital Program

CITY OF MESA
MESA, ARIZONA

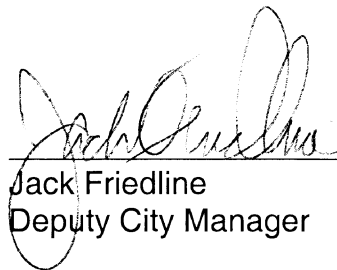
DESERT SAGE II RESERVOIR – FLOW CONTROL VALVE

PROJECT NO. 01-556-001

Tabulation of Bids Received, Thursday, December 18, 2008, at 1:30 P.M.

ENGINEER'S ESTIMATE	\$51,000.00
1. Pierson Construction Corporation	\$38,750.00
2. Kelco Contracting LLC	\$43,570.00
3. R D H Environmental Services LLC	\$44,125.00
4. Currier Construction, Inc.	\$47,348.00
5. Felix Construction Company	\$62,975.00
6. Sallaway Development, LLC	\$68,920.00

Recommend award to low bidder, Pierson Construction Corporation, in the amount of \$38,750.00 plus an additional \$3,875.00 (10% allowance for change orders) for a total award of \$42,625.00.



Jack Friedline
Deputy City Manager