

TO: James L. App, City Manager
FROM: Joseph M. Deakin, Public Works Director
SUBJECT: Rehabilitation of Butterfield Well No. 12
DATE: May 20, 2003

NEEDS: For the City Council to consider approving a Change Order and appropriating additional funds to rehabilitate Butterfield Well No. 12.

FACTS:

1. In June 2001, the City Council adopted the FY02 to FY05 four-year Capital Improvement Budget (CIP).
2. Since adopting the four-year CIP, Well No. 12 (Butterfield) started developing operating limitations, indicating the need to upgrade/rehabilitate it. This work was not anticipated in 2001. Well No. 12 was last rehabilitated in 1989. Recently, it was discovered that there has been a significant drop in its production.
3. In April 1, 2003, the City Council authorized staff to award a contract to Maggiora Bros. Drilling, Inc. to rehabilitate Well No. 12 and Well No. 19 (Tarr).

**ANALYSIS
AND**

CONCLUSION: When the specifications were written to rehabilitate Well No. 12, it was contemplated that the work required removing the existing impeller assembly, hydro-washing the existing assembly and then re-installing. Upon removal of the impeller assembly, inspections indicate that the assembly has deteriorated to the point where replacement is the only option (see attached photos). The Contractor has requested a Change Order in the amount of \$23,268.76 to furnish and install a new bowl unit, column, tube and shaft.

City Council approval is required to appropriate additional funds to the project so that it can be completed.

POLICY

REFERENCE: Resolution No. 03-51 authorizing award of the construction contract

FISCAL

IMPACT: It is requested that an additional \$23,500 be appropriated to Budget Account No. 600.910.5452.351.

OPTIONS:

- a. Adopt Resolution No. 03-xx:
 - 1) appropriating an additional amount of \$23,500 to Budget Account No. 600.910.5452.351; and
 - 2) approving a Change Order to the contract with Maggiora Bros. Drilling, Inc. in the amount of \$23,268.76
- b. Amend, modify or reject the above option.

Attachments (2)

- 1) Photos
- 2) Resolution

RESOLUTION NO. 03-

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PASO ROBLES
APPROVING A CHANGE ORDER AND APPROPRIATING FUNDS TO
REHABILITATE WELL NO. 12 (BUTTERFIELD)

WHEREAS, since adopting the four-year CIP in June 2001, Well No. 12 (Butterfield) started developing operating limitations, indicating the need to upgrade/rehabilitate it. This work was not anticipated in 2001. Well No. 12 was last rehabilitated in 1989. Recently, it was discovered that there has been a significant drop in its production; and

WHEREAS, when the specifications were written to rehabilitate Well No. 12, it was contemplated that the work required removing the existing impeller assembly, hydro-washing the existing assembly and then re-installing. Upon removal of the impeller assembly, inspections indicate that the assembly has deteriorated to the point where replacement is the only option. The Contractor has requested a Change Order in the amount of \$23,268.76 to furnish and install a new bowl unit, column, tube and shaft.

NOW, THEREFORE, BE IT RESOLVED, AS FOLLOWS:

SECTION 1. That the City Council of the City of Paso Robles does hereby approve a change order to the contract with Maggiora Bros. Drilling, Inc. in the amount of \$23,268.76

SECTION 2. That the City Council of the City of Paso Robles does hereby appropriate \$23,500 to Budget Account No. 600-910-5452.351.

PASSED AND ADOPTED by the City Council of the City of Paso Robles this 20th day of May 2003 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

Frank R. Mecham, Mayor

ATTEST:

Sharilyn M. Ryan, Deputy City Clerk

MAGGIORA BROS. DRILLING, INC.**DRILLING CONTRACTORS - PUMP SALES & SERVICE**

CALIFORNIA CONTRACTOR'S LICENSE NO. 249957

Corporate Office
595 Airport Blvd.
Watsonville, CA 95076Tel: (831) 724-1338
Tel: (800) 728-1480
Fax: (831) 724-3228

May 12, 2003

City of Paso Robles
Attn: Mike Maaser
1000 Spring Street
Paso Robles, CA 93446Re: Butterfield Well #12

Dear Mr. Maaser,

The following is Maggiora Bros. Drilling, Inc. proposal to furnish and install a new bowl unit, column, tube and shaft based on 500 gallons per minute set at 500 feet with a 10 foot suction. A new discharge head is also quoted if we needed. Note labor to install is already in the original contract.

1. Floway 10JKL-13 stage bowl unit	\$ 7,436.56
2. 8" X .277 wall column w/2 1/2" X 1 1/2" tube and shaft - 500 feet @ \$27.00/foot	\$13,500.00
3. 8" X 10' X .250 wall suction pipe w/cone strainer	\$ 275.00
4. Head tube	\$ 239.50
5. Head shaft	\$ 244.75
6. San Luis Obispo Co. sales tax	\$ 1,572.95
TOTAL ESTIMATED COST	<u>\$23,268.76</u>

Discharge head if needed is \$1,800.00.

Proposal is based on utilizing existing motor.

If you have any questions, please feel free to contact me at any time.

Very truly yours,


Michael F. Maggiora