

**TO:** James L. App, City Manager  
**FROM:** Joseph M. Deakin, Public Works Director  
**SUBJECT:** Award Contract to Rehabilitate Butterfield Well No. 12 and Tarr Well No. 19  
**DATE:** April 1, 2003

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**NEEDS:** For the City Council to consider appropriating \$53,000 and awarding a contract to rehabilitate two wells.

**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, two water wells started developing operating limitations, indicating the need to upgrade/rehabilitate them. This work was not anticipated in 2001. The two wells are as follows:

Butterfield Well No. 12

Well No. 12 was last rehabilitated in 1989. Recently, it was discovered that there has been a significant drop in its production. This could be attributed to either a plugged casing or worn impellers.

Tarr Well No. 19

Well No. 19 was drilled in 1993. Due to lowering water levels, the pump needs to be lowered from 388 feet to 560 feet, further requiring a new submersible motor, bowl, column, wire and well head.

3. Bid plans and specifications were distributed to twelve plan rooms and all requesting individuals. A Notice Inviting Bids was advertised in The Tribune on February 3 and March 3, 2003.
4. Two (2) bids were received at the Bid Opening on March 20, 2003, ranging from \$48,600 to \$62,511.77. The low bid was submitted by Maggiora Bros. Drilling, Inc. in the amount of \$48,000. Attached is a Bid Summary tabulating the bids received.

**ANALYSIS  
AND**

**CONCLUSION:** The contract and appropriation to be considered will provide needed rehabilitation to two wells. These wells are relied upon to produce water in peak demand periods, and are integral to the City's water resource network.

It is important that existing wells be properly maintained so that they are efficient and provide the maximum production. In order to meet peak demands, the City relies on all water wells operating efficiently and dependently. It is therefore critical that the City's wells are maintained so that they will continue to be reliable in delivering water for the community's needs.

**POLICY**

**REFERENCE:** None

**FISCAL**

**IMPACT:**

City Council will need to appropriate \$53,000 from the Water Enterprise Fund Reserves to the following Account Numbers:

- 600-910-5452-351 Butterfield Well No. 12 \$25,000
- 600.910.5452.352 Tarr Well No. 19 \$28,000

**OPTIONS:**

- a. Adopt Resolution No. 03-xx:
  - (1) Authorizing a one-time appropriation from Water Enterprise Fund Reserves to:
    - (a) Budget Account No. 600-910-5452-351 in the amount of \$25,000 for rehabilitation of Butterfield Well No. 12; and
    - (b) Budget Account No. 600-910-5452-352 in the amount of \$28,000 for the rehabilitation of Tarr Well No.
  - (2) Authorizing award of contract to Maggiora Bros. Drilling, Inc. in the amount of \$48,600 for rehabilitation of Butterfield Well No. 12 and Tarr Well No. 19.
- b. Amend, modify or reject the above option.

Attachments (2)

- 1) Resolution
- 2) Bid Summary

RESOLUTION NO. 03-

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PASO ROBLES  
AUTHORIZING A ONE-TIME APPROPRIATION FROM THE WATER ENTERPRISE FUND  
RESERVES AND AWARDING A CONTRACT TO MAGGIORA BROS. DRILLING, INC. TO  
REHABILITATE BUTTERFIELD WELL NO. 12 AND TARR WELL NO. 19

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WHEREAS, in June 2001, the City Council adopted the FY02 to FY05 four-year Capital Improvement Budget (CIP); and

WHEREAS, since adopting the four-year CIP, two water wells started developing operating limitations, indicating the need to upgrade/rehabilitate them; and

WHEREAS, Butterfield Well No. 12 has recently experienced a significant drop in production which is attributed to either a plugged casing or worn impellers; and

WHEREAS, Tarr Well No. 19 requires its pump to be lowered from 388 feet to 560 feet as a result of lowering water levels, further requiring a new submersible motor, bowl, column, wire and well head; and

WHEREAS, Bid plans and specifications were distributed to twelve Plan Rooms and all requesting individuals; and

WHEREAS, two (2) bids were received at the Bid Opening on March 20, 2003, ranging from \$48,600 to \$62,511.76. The low bid was submitted by Maggiora Bros. Drilling, Inc.

THEREFORE, BE IT RESOLVED AS FOLLOWS:

SECTION 1. The City Council of the City of Paso Robles does hereby authorize a one-time appropriation of \$ 53,000 from Water Enterprise Fund Reserves to:

- Budget Account No. 600-910-5452-351 in the amount of \$25,000 for rehabilitation of Butterfield Well No. 12; and
- Budget Account No. 600-910-5452-352 in the amount of \$28,00 for rehabilitation of Tarr Well No. 19.

SECTION 2. The City Council of the City of Paso Robles does hereby authorize award of contract to Maggiora Bros. Drilling, Inc. in the amount of \$48,600 for rehabilitation of Butterfield Well No. 12 and Tarr Well No. 19.

PASSED AND ADOPTED by the City Council of the City of Paso Robles this 1<sup>st</sup> day of April 2003 by the following vote:

AYES:  
NOES:  
ABSTAIN  
ABSENT:  
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Frank R. Mecham, Mayor

ATTEST:

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Sharilyn M. Ryan, Deputy City Clerk

**Rehabilitation of Butterfield Well No. 10 and Tarr Well No. 19  
DPW Project No. 02-23**

				Maggiora Bros. Drilling, Inc. Watsonville, CA		Awalt & Son San Miguel, CA	
	DESCRIPTION	EST. QTY.	UNIT	UNIT PRICE	EXT. PRICE	UNIT PRICE	EXT. PRICE
<b>1</b>	<b>MOBILIZATION</b>	1	LS	3,000.00	3,000.00	1,000.00	1,000.00
<b>2</b>	<b>BUTTERFIELD WELL NO. 12</b>						
	a) Pull and inspect existing impeller assembly	1	LS	2,000.00	2,000.00	4,000.00	4,000.00
	b) Hydro wash and video existing well casing	1	LS	10,000.00	10,000.00	7,071.42	7,071.42
	c) Re-install existing impeller assembly	1	LS	2,000.00	2,000.00	4,500.00	4,500.00
	d) Replace existing impeller assembly and bearings	1	LS	3,000.00	3,000.00	25,452.00	25,452.00
	e) Lower pump setting	1	LS	4,000.00	4,000.00	950.80	950.80
<b>3</b>	<b>TARR WELL NO. 19</b>						
	f) Pull existing pump and install approved re-designed pump assembly at a new level	1	LS	24,600.00	24,600.00	19,537.54	19,537.54
	<b>TOTAL BID PRICE:</b>				<b>\$ 48,600.00</b>		<b>\$ 62,511.76</b>