

**TO:** James L. App, City Manager  
**FROM:** Joseph M. Deakin, Public Works Director  
**SUBJECT:** Award Contract to Drill New Well No. 8  
**DATE:** November 19, 2002

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**NEEDS:** For the City Council to consider awarding a construction contract to drill a new Well No. 8 at the Airport.

- FACTS:**
1. The addition of a well facility will increase the City's ability to meet the identified needs of population growth within the City's General Plan (adopted August of 1991). The Environmental Impact Report (EIR) prepared for the City's General Plan analyzed the water needs associated with a 35,000-population build out.
  2. The primary benefit to installing additional well facilities is in the improved ability to meet the City's peak daily water demand. Secondary benefits are that by adding new pumping facilities, the life of existing well facilities can be extended and the efficiency in which those existing wells pump water can be increased. Also, an increase in inventory of City wells will allow "down time" for maintenance and recovery of the existing wells.
  3. Staff proposes to drill two test wells for the City's water system; the test well with the higher production rate will be developed as an operating well. Both test sites are located at the Paso Robles Airport, on undeveloped land. One test site will be located about 1,300 feet north of Propeller Drive and about 1,000 feet east of Airport Road; the other test site will be located about 700 feet north of Propeller Drive and about 1,700 feet east of Airport Road.
  4. On July 2, 2002 the City Council adopted a Negative Declaration for the project pursuant to the requirement of the California Environmental Quality Act.

**ANALYSIS  
AND**

**CONCLUSION:** Staff prepared contract documents, a Notice Inviting Bids was published in a location publication on October 14 and October 28, 2002, and Plans and Specifications were provided to ten Plan Rooms. Twelve contractors obtained plans, and at the Bid Opening on November 7, 2002, two (2) bids were received ranging from a low bid of \$243,900 to a high bid of \$346,200.

Staff reviewed the low bid submitted by Maggiora Bros. Drilling, Inc. of Watsonville, CA and concluded that it is a responsive bid.

**POLICY**

**REFERENCE:** General Plan; Water Master Plan and Capital Improvement Program

**FISCAL**

**IMPACT:** This project is funded under Budget Account No. 220.910.5452.321 in the amount of \$200,000. This amount was established in 1999. Construction costs have increased in the last three years which would account for the 22% increase over the low bid received. It is proposed that additional funds be transferred from Budget Account No. 220.910.5452.322, which is a project to drill a new well for FY 2003-2004.

**OPTIONS:**

- a. Adopt Resolution No. 02-xx:
  - (1) Awarding a construction contract to Maggiora Bros. Drilling, Inc. of Watsonville, CA in the amount of \$243,900 to drill new Well No. 8 at the Airport.
  - (2) Transferring an additional \$45,000 to Budget Account No. 220.910.5452.321 from Budget Account No. 220.910.5452.322.
  
- b. Amend, modify or reject the above option.

Attachments (2)

- 1) Resolution
- 2) Bid Summary

**Airport Well No. 8  
DPW Project No. 02-13**

				Maggiara Bros. Drilling, Inc. Watsonville, CA		Beylike Drilling, Inc. La Habra, CA	
	DESCRIPTION	EST. QTY.	UNIT	UNIT PRICE	EXT. PRICE	UNIT PRICE	EXT. PRICE
1	Mobilization	1	LS	10,000.00	10,000.00	72,650.00	72,650.00
2	Pilot Hole Drilling						
	a) 0-800 feet	1,600	LF	25.00	40,000.00	44.00	70,400.00
	b) 800-1,200 feet	800	LF	30.00	24,000.00	49.00	39,200.00
	c) Rock Drilling	50	LF	50.00	2,500.00	100.00	5,000.00
3	Pilot Hole Abandonment	1	EA	2,500.00	2,500.00	7,200.00	7,200.00
4	Geophysical Logging	2	EA	2,500.00	5,000.00	3,500.00	7,000.00
5	Production Well - Install Conductor Casing	50	LF	200.00	10,000.00	250.00	12,500.00
6	Production Well - Reaming Pilot Hole for Well Casing	750	LF	58.00	43,500.00	45.00	33,750.00
7	Production Well - Install Blank Casing	300	LF	58.00	17,400.00	35.00	10,500.00
8	Production Well - Install Well Screen	500	SF	80.00	40,000.00	60.00	30,000.00
9	Production Well - Install Gravel Pack	1	EA	18,000.00	18,000.00	15,000.00	15,000.00
10	Well Development	1	EA	12,000.00	12,000.00	30,000.00	30,000.00
11	Well Testing	1	EA	14,000.00	14,000.00	12,000.00	12,000.00
12	Miscellaneous Work	1	LS	5,000.00	5,000.00	1,000.00	1,000.00
							0.00
	<b>TOTAL BID PRICE:</b>				<b>\$ 243,900.00</b>		<b>\$ 346,200.00</b>

RESOLUTION NO. 02-234

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PASO ROBLES  
AWARDING A CONSTRUCTION CONTRACT TO MAGGIORA BROS. DRILLING, INC. OF  
WATSONVILLE, CA TO DRILL NEW WELL NO. 8

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WHEREAS, the addition of a well facility will increase the City's ability to draw on available groundwater and meet the identified needs of population growth within the City's General Plan (adopted August of 1991); and

WHEREAS, the primary benefit to installing additional well facilities is in the improved ability to meet the City's peak daily water demand; and

WHEREAS, secondary benefits are that by adding new pumping facilities, the life of existing well facilities can be extended, the efficiency in which those existing wells pump water can be increased, and an increase in inventory of City wells will allow "down time" which will allow for maintenance and recovery of the existing wells; and

WHEREAS, staff proposes to drill two test wells for the City's water system; the test well with the higher production rate will be developed as an operational well; and

WHEREAS, both test sites are located at the Paso Robles Airport on undeveloped land; and

WHEREAS, on July 2, 2002 the City Council adopted a Negative Declaration for the project pursuant to the requirement of the California Environmental Quality Act; and

WHEREAS, construction documents were prepared and distributed to ten Plan Room, a Notice Inviting Bids was published twice in a location publication, plans and specifications were sold to twelve (12) contractors, and the Bid Opening was held on November 7, 2002; and

WHEREAS, two (2) bids were received ranging from a low bid of \$243,900 to a high bid of \$346,200; and

WHEREAS, staff reviewed the low bid submitted by Maggiora Bros. Drilling, Inc. of Watsonville, CA and concluded that it is a responsive bid.

THEREFORE, BE IT RESOLVED AS FOLLOWS:

SECTION 1. The City Council of the City of Paso Robles does hereby approve transferring \$45,000 from Budget Account No. 220.910.5452.322 to Budget Account No. 220.910.5452.321

SECTION 2. The City Council of the City of Paso Robles does hereby award a construction contract to Maggiora Bros. Drilling, Inc. of Watsonville, CA to drill new Well No. 8.

PASSED AND ADOPTED by the City Council of the City of Paso Robles this 19<sup>th</sup> day of November 2002 by the following vote:

AYES:  
NOES:  
ABSENT:  
ABSTAIN:

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Frank R. Mecham, Mayor

ATTEST:

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Sharilyn M. Ryan, Deputy City Clerk