

TO: James L. App, City Manager
FROM: Meg Williamson, Interim Director of Public Works
SUBJECT: Tower Road Well
DATE: May 18, 2004

NEEDS: For the City Council to consider adopting Resolution No. 04-xxx to award a construction contract to drill a new well adjacent to Tower Road.

- FACTS:**
1. The addition of a water well is consistent with the City's General Plan and Water Master Plan.
 2. The benefits to installing an additional well are improved ability to meet the City's peak daily water demand, the life of existing well facilities can be extended, the efficiency of existing wells can be increased, and an increase in inventory of City wells will allow "down time" for maintenance and recovery of existing wells.
 3. The well is proposed to be located on the Paso Robles Airport property approximately 100 feet south of Tower Road and approximately 1.1 mile east of Airport Road.
 4. On March 2, 2004, the City Council adopted Resolution No. 04-xxx approving a Mitigated Negative Declaration for the project.
 5. The well is proposed to be located at the westerly edge of the runway clear zone area. However, all service utilities will be placed underground and will therefore not impact airport operation.

**ANALYSIS
AND**

CONCLUSION: Construction documents were advertised for bids. At the bid opening on May 6, 2004, four (4) bids were received. The bids ranged from \$290,904 to \$398,235. The low bid submitted by Maggiora Brothers Drilling was reviewed and found to be a responsive bid.

POLICY

REFERENCE: General Plan, Water Master Plan, Capital Improvement Program

FISCAL

IMPACT: A budget of \$500,000 has been adopted for this project under Account No. 220.910.5452.322. There is a balance of \$498,997 available for construction phase of the well.

- OPTIONS:**
- a. Adopt Resolution No. 04-xxx awarding a contract to Maggiora Brothers Drilling in the amount of \$290,904 to drill a new well at Tower Road.
 - b. Amend, modify or reject the above option.

Attachments

- 1) Resolution
- 2) Bid Summary

Report prepared by:
Ditas Esperanza, P.E.
Capital Projects Engineer

RESOLUTION NO. 04-xx

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PASO ROBLES
AWARDING A CONTRACT TO DRILL A NEW WELL AT TOWER ROAD

WHEREAS, addition of new wells to the City's system will increase the City's ability to provide water service to the residents of Paso Robles; and

WHEREAS, at the Bid Opening on May 6, 2004, four bids were received ranging from \$290,904 to \$398,235; and

WHEREAS, the low bid submitted by Maggiora Brothers Drilling in the amount of \$290,904 was reviewed and found to be a responsive bid.

THEREFORE, BE IT RESOLVED AS FOLLOWS:

SECTION 1. That the City Council of the City of Paso Robles does hereby award the contract to drill a new well at Tower Road to Maggiora Brothers Drilling in the amount of \$290,904.

SECTION 2. That the City Council of the City of Paso Robles does hereby authorize the City Manager to enter a contract with Maggiora Brothers Drilling in the amount of \$290,904 to install the Tower Road well.

PASSED AND ADOPTED by the City Council of the City of Paso Robles this 18th day of May 2004 by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

Frank R. Mecham, Mayor

ATTEST:

Sharilyn M. Ryan, Deputy City Clerk

**TOWER ROAD WELL NO. 9
PROJECT NO. 02-20**

ITEM	DESCRIPTION	EST QTY	UNIT	Maggiara Bros. Drilling Watsonville, CA		Rottman Drilling Lancaster, CA		Bakersfield Well & Pump Paso Robles, CA		Layne Christensen Fontana, CA	
				UNIT PRICE	EXT PRICE	UNIT PRICE	EXT PRICE	UNIT PRICE	EXT PRICE	UNIT PRICE	EXT PRICE
1	Mobilization	1	LS		25,000.00		30,915.00		85,000.00		75,000.00
2	Job site fencing	1	LS		1,000.00		1,760.00		5,000.00		2,000.00
3	Drill test hole	1200	LF	30.00	36,000.00	21.53	25,836.00	55.00	66,000.00	25.00	30,000.00
4	Geophysics (e-log, caliper, directional)	1	EA	3,000.00	3,000.00	3,300.00	3,300.00	2,500.00	2,500.00	3,000.00	3,000.00
5	Abandon test hole if not used	1	LS		5,000.00		12,000.00		6,000.00		6,000.00
6	Cement 28-conductor casing to 50 feet	1	LS		12,500.00		10,993.00		13,500.00		15,000.00
7	Ream test hole to 24-inch diameter	1000	LF	62.00	62,000.00	55.53	55,530.00	50.00	50,000.00	30.00	30,000.00
8	14-inch mild carbon steel blank casing	692	LF	42.00	29,064.00	33.75	23,355.00	36.00	24,912.00	100.00	69,200.00
9	14-inch 304 stainless steel blank casing	20	LF	160.00	3,200.00	200.00	4,000.00	165.00	3,300.00	200.00	4,000.00
10	14-inch 304 stainless steel screen (0.040-inch)	290	SF	140.00	40,600.00	128.50	37,265.00	97.00	28,130.00	185.00	53,650.00
11	14-inch carbon to stainless steel couplings	7	EA	200.00	1,400.00	1,805.00	12,635.00	1,900.00	13,300.00	2,105.00	14,735.00
12	Centralizers (304 stainless)	5	EA	100.00	500.00	84.00	420.00	100.00	500.00	50.00	250.00
13	Centralizers (carbon steel)	10	EA	50.00	500.00	31.50	315.00	50.00	500.00	20.00	200.00
14	Gravel pack (8x20)	40	CY	270.00	10,800.00	208.00	8,320.00	200.00	8,000.00	380.00	15,200.00
15	Air-lift development	24	HR	340.00	8,160.00	400.00	9,600.00	300.00	7,200.00	250.00	6,000.00
16	Mechanical surging (cable-tool rig)	32	HR	240.00	7,680.00	266.00	8,512.00	200.00	6,400.00	250.00	8,000.00
17	Install/remove test pump	2	EA	8,000.00	16,000.00	6,500.00	13,000.00	8,000.00	16,000.00	15,000.00	30,000.00
18	Pump development (2x8 hrs.)	24	HR	150.00	3,600.00	150.00	3,600.00	220.00	5,280.00	150.00	3,600.00
19	Step test	4	HR	150.00	600.00	150.00	600.00	250.00	1,000.00	150.00	600.00
20	Constant discharge test	72	HR	150.00	10,800.00	140.00	10,080.00	220.00	15,840.00	150.00	10,800.00
21	Well disinfection	1	LS		1,500.00		700.00		1,200.00		1,500.00
22	Wellhead details	1	LS		3,000.00		2,000.00		3,500.00		7,500.00
23	Site clean-up and mud disposal to an approved site	1	LS		5,000.00		7,970.00		5,000.00		4,500.00
24	Gravel/camera/sounding tube	500	LF	8.00	4,000.00	18.50	9,250.00	10.00	5,000.00	15.00	7,500.00
GRAND TOTAL BID					290,904.00		291,956.00		373,062.00		398,235.00