



CITY OF LODI

COUNCIL COMMUNICATION

AGENDA TITLE: Contract Award for Well #17 Pump and Motor, 2017 West Vine Street

MEETING DATE: March 20, 1991

PREPARED BY: Public Works Director

RECOMMENDED ACTION: That the City Council adopt the attached resolution awarding the contract for the above project to Kirby Pump and Mechanical Inc. in the amount of \$25,535.00.

BACKGROUND INFORMATION: This project is for the purchase and installation of replacement pumping equipment for the existing Water Well #17 at 2017 West Vine Street. The equipment will include a 150-horsepower electric motor and pump capable of pumping approximately 2,000 gallons per minute.

Each bidder was also required to submit information necessary to perform a pumping cost analysis. This cost analysis considers the bid price, the efficiency of the pump and motor, the friction losses through the pump, and power costs to obtain a comparison of each pump's cost of use. See Exhibit A.

The low bid is recommended. The pumping cost analysis shows that the low bidder's pump and motor is the more economical of the two bids.

Plans and specifications for this project were approved on February 6, 1991.

The City received the following two bids for this project:

<u>Bidder</u>	<u>Location</u>	<u>Bid</u>
Engineer's Estimate		\$25,540.00
Kirby Pump and Mechanical Inc.	Rancho Cordova	\$25,535.00
Pump Repair Service Company	San Francisco	\$28,900.00

APPROVED: _____

THOMAS A. PETERSON
City Manager



CC-1

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FUNDING: Originally Budgeted: 1990/91
Budgeted Fund: Water Production
Total Project Estimate: \$29,500.00
Bid Opening Date: 2/20/91



Jack L. Ronsko
Public Works Director

Prepared by Mark Lindseth, Associate Civil Engineer

JLR/ML/mt

Attachments

cc: Purchasing Officer
Water/Wastewater Superintendent

RESOLUTION NO. 91-45

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A RESOLUTION OF THE LODI CITY COUNCIL
AWARDING THE CONTRACT FOR WELL #17 PUMP AND MOTOR,
2017 WEST VINE STREET

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WHEREAS, in answer to notice duly published in accordance with law and the order of this City Council, sealed bids were received and publicly opened on February 20, 1991 at 11:00 a.m. for the contract for Well #17 Pump and Motor, 2017 West Vine Street, described in the specifications therefor approved by the City Council on February 6, 1991; and

WHEREAS, said bids have been compared, checked, and tabulated and a report thereof filed with the City Manager as follows:

<u>Bidder</u>	<u>Location</u>	<u>Bid</u>
Kirby Pump and Mechanical Inc.	Rancho Cordova	\$25,535.00
Pump Repair Service Company	San Francisco	\$28,900.00

WHEREAS, the City Manager recommends that award of the contract for Well #17 Pump and Motor, 2017 West Vine Street be made to the low bidder, Kirby Pump and Mechanical, Inc. ;

NOW, THEREFORE, BE IT RESOLVED by the Lodi City Council that award of contract for Well #17 Pump and Motor, 2017 West Vine Street be and the same is hereby awarded to Kirby Pump and Mechanical, Inc, the low bidder, in the amount of \$25,535.00.

Dated: March 20, 1991

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I hereby certify that Resolution No. 91-45 was passed and adopted by the City Council of the City of Lodi in a regular meeting held March 20, 1991 by the following vote:

Ayes: Council Members - Pennino, Pinkerton, Sieglock, Snider and Hinchman (Mayor)

Noes: Council Members - None

Absent: Council Members - None

Alice M. Reimche
Alice M. Reimche
City Clerk

Exhibit A

Well 17 Pump & Motor Total Cost Analysis

Power Cost: \$ 0.10010 per Kwhr

Bidder Rank based on first cost	Pump RTY/Model No. days delivery	Bid Price Mat/Lab/Mar/Tot	T. Field Head	Flow (gpm)	Brake HP	Field Eff.	Motor Eff.	Overall Eff.	Input Kw	Pumping Hours	Power Cost	Total Cost	Rank
Kirby's Pump Inc. 1	Peerless 14MC /MUE 100	\$ 23,985.00	270	1750	163.75	0.729	0.950	0.692	128.59	2381			
		1,000.00	248	2065	185.94	0.779	0.950	0.740	130.30	2018			
		550.00	225	2230	164.17	0.772	0.950	0.733	128.91	1868	\$ 81,077	\$ 106,612	1
		<u>25,535.00</u>											
SF Pump and Repair Service 2	Layne and Bowler 1480 112	\$ 23,933.00	270	1500	140.72	0.727	0.950	0.690	110.50	2773			
		3,100.00	248	1850	148.02	0.783	0.950	0.744	116.23	2252			
		1,867.00	225	2200	157.19	0.795	0.950	0.755	123.43	1894	\$ 80,332	\$ 109,232	2
		<u>28,900.00</u>											

Note

1. NEMA nominal motor efficiency used for all pumps