



CITY OF LODI

COUNCIL COMMUNICATION

AGENDA TITLE: Purchase of Padmount Transformers (\$88,578.05)
 MEETING DATE: May 7, 1997
 PREPARED BY: Electric Utility Director

RECOMMENDED ACTION: That the City Council adopt the attached resolution awarding the bid for the purchase of 7 padmount transformers to the bidder whose proposal and equipment met City of Lodi specifications, and whose transformers are expected to yield the lowest overall life-cycle costs, Western States Electric of Portland, Oregon, in the amount of \$88,578.05.

BACKGROUND INFORMATION: On April 2, 1997, the City Council approved specifications and authorized advertisement for bids for seven padmount transformers, including four 1500KVA units to be installed at Arkay Industries, Inc.

On April 16, 1997, bids were opened and total life-cycle costs were evaluated. Life-cycle costs are the combined total of purchase price plus cost of operation based on estimated power loss during the projected life of the transformer. Proposals are also evaluated on the basis of compliance with equipment and bid specifications. Failure to comply with both may lead to disqualification of the bid. A summary of the bid evaluation is attached.

As discussed in the council communication for the meeting of April 2, timely delivery of the 1500KVA transformers is critical to meet the installation schedule for start-up at Arkay Industries. Accordingly, the Council authorized the Electric Utility Director to order the 1500KVA units if the manufacturer's leadtime exceeded ten weeks. Since Western States' leadtime was quoted at 12 weeks, the Director ordered the four units. Delivery is expected during the week of July 14.

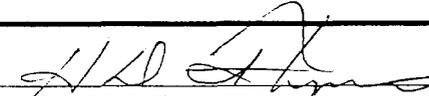
The 500- and 750-KVA transformers will be used for the Hotel Lodi project, and to upgrade facilities in the downtown area. The order for these units will be placed following adoption of the resolution.

FUNDING: Electric Utility Operating Fund


 Vicky McAthie, Finance Director


 Alan N. Vallow, Electric Utility Director

Prepared by Joel Harris, Purchasing Officer
 cc: Director, Engineering and Operations

APPROVED: 
 H. Dixon Flynn -- City Manager

TRANSFORMER BID EVALUATION

Bid Opening: April 16, 1997

April 16, 1997

Tax (factor) 1.0775
 No load loss \$/watt 6.00
 Load loss \$/watt 2.00

500 KVA, 208Y/120 Volt, Padmount Number of units: 2

Vendor	Unit Price	Extended Price	Price w/tax	No load loss (watts)	Load loss (watts)	No load loss value	Load loss value	Cost of Losses	Life cycle Cost	Delivery weeks	Height	Weight
Western States	7,645.00	15,290.00	16,474.98	606	2987	7,272.00	11,948.00	19,220.00	35,694.98	12	64	
G E Supply	9,732.00	19,464.00	20,972.46	254	3361	3,048.00	13,444.00	16,492.00	37,464.46	6	77	
ABB	6,355.00	12,710.00	13,695.03	654	3999	7,848.00	15,996.00	23,844.00	37,539.03	9	58.5	
Cooper	7,396.00	14,792.00	15,938.38	810	3277	9,720.00	13,108.00	22,828.00	38,766.38	16	59	

750 KVA, 208Y/120 Volt, Padmount Number of units: 1

Vendor	Unit Price	Extended Price	Price w/tax	No load loss (watts)	Load loss (watts)	No load loss value	Load loss value	Cost of Losses	Life cycle Cost	Delivery weeks	Height	Weight
Western States	11,089.00	11,089.00	11,948.40	728	4793	4,368.00	9,586.00	13,954.00	25,902.40	12	69	
ABB	11,813.00	11,813.00	12,728.51	780	4869	4,680.00	9,738.00	14,418.00	27,146.51	9	70.5	
G E Supply	14,717.00	14,717.00	15,857.57	293	4834	1,758.00	9,668.00	11,426.00	27,283.57	6	87	
Cooper	9,607.00	9,607.00	10,351.54	931	6181	5,586.00	12,362.00	17,948.00	28,299.54	16	77	

1500 KVA, 480Y/277 Volt, Padmount Number of units: 4

Vendor	Unit Price	Extended Price	Price w/tax	No load loss (watts)	Load loss (watts)	No load loss value	Load loss value	Cost of Losses	Life cycle Cost	Delivery weeks	Height	Weight
Western Electric	13,957.00	55,828.00	60,154.67	1191	7909	28,584.00	63,272.00	91,856.00	152,010.67	12	69	
ABB	13,290.00	53,160.00	57,279.90	1694	7934	40,656.00	63,472.00	104,128.00	161,407.90	9	66.5	
G E Supply	19,370.00	77,480.00	83,484.70	554	8623	13,296.00	68,984.00	82,280.00	165,764.70	6	89	
Cooper	15,625.00	62,500.00	67,343.75	1621	8544	38,904.00	68,352.00	107,256.00	174,599.75	16	82	

RESOLUTION NO. 97-53

A RESOLUTION OF THE LODI CITY COUNCIL
AWARDING THE BID FOR THE PURCHASE OF SEVEN
PADMOUNT TRANSFORMERS

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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 April 16, 1997 at 11:00 a.m. for the purchase of seven Padmount Transformers, described in the specifications therefore approved by the City Council on April 2, 1997 and

WHEREAS, said bids have been compared, checked, and tabulated and a report thereof filed with the City Manager as shown on Exhibit A attached; and

WHEREAS, the City Manager recommends award of the bid for the purchase of seven Padmount Transformers, be made to the bidder whose proposal and equipment meet City of Lodi specifications, and whose transformers are expected to yield the lowest overall life-cycle costs, Western States Electric of Portland, Oregon; and

NOW, THEREFORE, BE IT RESOLVED by the Lodi City Council that the award of the bid for the purchase of seven Padmount Transformers, be and the same is hereby awarded to the bidder whose proposal and equipment meet City of Lodi specifications, and whose transformers are expected to yield the lowest overall life-cycle cost, Western States Electric of Portland, Oregon in the amount of \$88,578.05.

Dated: May 7, 1997

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I hereby certify that Resolution No. 97-53 was passed and adopted by the City Council of the City of Lodi in a regular meeting held May 7, 1997, by the following vote:

- AYES: COUNCIL MEMBERS -
- NOES: COUNCIL MEMBERS -
- ABSENT: COUNCIL MEMBERS -
- ABSTAIN: COUNCIL MEMBERS -

JENNIFER M. PERRIN
City Clerk

TRANSFORMER BID EVALUATION

Bid Opening: April 16, 1997

April 16, 1997

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 Load loss \$/watt 2.00



500 KVA, 208Y/120 Volt, Padmount Number of units: **2**

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