



**CITY OF LODI
COUNCIL COMMUNICATION**

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AGENDA TITLE: Adopt resolution awarding the purchase of polemount and padmount transformers (\$63,522.95) (EUD)

MEETING DATE: August 18, 2004

PREPARED BY: Electric Utility Director

RECOMMENDED ACTION: That the City Council adopt a resolution awarding the bids for the purchase of polemount and padmount transformers to the bidders whose proposals and equipment meet City of Lodi specifications, and whose transformers are expected to yield the lowest overall life-cycle costs:

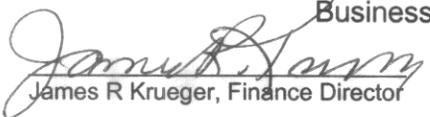
Polemounts:	14 ea 50kVA	Wesco Distribution, San Leandro	\$10,966.80
Padmounts:	5 ea 37.5 kVA	Howard Industries, Laurel, MS	\$ 5,538.35
	15 ea 50kVA	Western States Electric, Portland, OR	\$16,873.65
	10 ea 75kVA	Western States Electric	\$14,244.55
	1 ea 167kVA	Western States Electric	\$ 2,306.93
	2 ea 112.5kVA 3Ø	Ermco/Hees Enterprises, Astoria, OR	\$ 6,872.30
	1 ea 500kVA 3Ø	Ermco/Hees Enterprises	<u>\$ 6,720.37</u>
			\$63,522.95

BACKGROUND INFORMATION: On May 21, 2003, the City Council authorized the Electric Utility Department and the Purchasing Division to advertise for bids as necessary to meet the Electric Utility Department's requirements for polemount and padmount transformers through the fiscal year ending June 30, 2005.

On July 29, 2004 bids were opened for one size of polemount and six sizes of padmount transformers, and 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 Exhibit A.

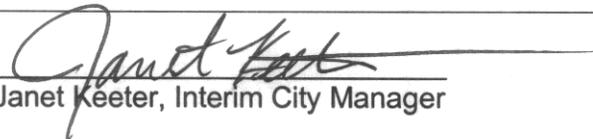
Some of the transformers are planned for use in a commercial development on Cluff Avenue north of Pine Street, and for individual building pads in the Lowe's Center. Residential developments requiring transformers are Legacy Estates Units 1 and 2, Millsbridge 2, and Century Meadows Units 1 and 3.

FUNDING: Electric Utility Department 2003-2005 Financial Plan and Budget, Line Extensions, Business Unit #161651, Page E-41


James R Krueger, Finance Director


Alan N Vallow, Electric Utility Director

Attachment: Exhibit A
Prepared by Joel Harris, Purchasing Officer
cc: Manager, EUD Engineering & Operations

APPROVED: 
Janet Keeter, Interim City Manager

RESOLUTION NO. 2004-161

A RESOLUTION OF THE LODI CITY COUNCIL
AWARDING THE BIDS FOR THE PURCHASE OF
POLEMOUNT AND PADMOUNT TRANSFORMERS

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 July 29, 2004, at 11:00 a.m. for the purchase of polemount and padmount transformers for the Electric Utility Department, described in the specifications therefore approved by the City Council on May 21, 2003; 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 the award of the bids for the various types and sizes of polemount and padmount transformers for the Electric Utility Department be made to the bidders whose proposal and equipment meet City of Lodi specifications and whose transformers are expected to yield the lowest overall life-cycle costs, listed as follows:

Polemounts:	14 ea 50kVA	Wesco Distribution, San Leandro	\$10,966.80
Padmounts:	5 ea 37.5 kVA	Howard Industries, Laurel, MS	\$ 5,538.35
	15 ea 50kVA	Western States Electric, Portland, OR	\$16,873.65
	10 ea 75kVA	Western States Electric	\$14,244.55
	1 ea 167kVA	Western States Electric	\$ 2,306.93
	2 ea 112.5kVA 3Ø	Ermco/Hees Enterprises, Astoria, OR	\$ 6,872.30
	1 ea 500kVA 3Ø	Ermco/Hees Enterprises	\$ 6,720.37
			\$63,522.95

NOW, THEREFORE, BE IT RESOLVED by the Lodi City Council that the award of the bids for the purchase of polemount and padmount transformers for the Electric Utility Department be and the same is hereby awarded to lowest responsible bidders as listed above, in the total amount of \$63,522.95.

Dated: August 18, 2004

I hereby certify that Resolution No. 2004-161 was passed and adopted by the City Council of the City of Lodi in a regular meeting held August 18, 2004, by the following vote:

AYES: COUNCIL MEMBERS – Beckman, Hitchcock, Howard, Land, and Mayor Hansen
NOES: COUNCIL MEMBERS – None
ABSENT: COUNCIL MEMBERS – None
ABSTAIN: COUNCIL MEMBERS – None



SUSAN J. BLACKSTON
City Clerk

Transformer Bid Evaluation

Bid Opening: July 29, 2004

EXHIBIT A
TRANSFORMERS

Polemount

July 29, 2004

Tax (factor): 1.0775
No Load Loss \$/watt: 3.75
Load Loss \$/watt: 1.25

Bid Item 1: 50 kVA, 277 Volt, Single Phase Conventional Pole

Number of units: 11 51 800

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 (inches)	Weight (pounds)
Wesco Distribution, Inc.	727.00	7,997.00	8,616.77	115	411	4,743.75	5,651.25	10,395.00	19,011.77	11-12	36	601
ERMCO / Hess Enterprises, Inc.	815.00	8,965.00	9,659.79	100	415	4,125.00	5,706.25	9,831.25	19,491.04	9-11	34.9	612
Central Moloney	783.00	8,613.00	9,280.51	107	427	4,413.75	5,871.25	10,285.00	19,565.51	14	38	606
Kuhlman Electric	765.00	8,415.00	9,067.16	115	437	4,743.75	6,008.75	10,752.50	19,819.66	9	35	671
G E Supply	866.00	9,526.00	10,264.27	95	422	3,918.75	5,802.50	9,721.25	19,985.52	12	23.6	566
Cam Tran Pacific Ltd.	883.33	9,716.63	10,469.67	102	398	4,207.50	5,472.50	9,680.00	20,149.67	8-10	42	1023
Howard Industries	843.00	9,273.00	9,991.66	103	469	4,248.75	6,448.75	10,697.50	20,689.16	8-10	36	556
Western States (Cooper)	826.00	9,086.00	9,790.17	95	513	3,918.75	7,053.75	10,972.50	20,762.67	10-12	39	586

Bid Item 3: 75 kVA, 240/120 Volt, Single Phase Pad,

Number of units: 10 28 >1.8

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 (inches)	Impedance %
Western States (Cooper)	1,322.00	13,220.00	14,244.55	120	672	4,500.00	8,400.00	12,900.00	27,144.55	16-18	24	1.960
Wesco Distribution	1,383.00	13,830.00	14,901.83	112	678	4,200.00	8,475.00	12,675.00	27,576.83	9-11	24	1.980
Ermco / Hess Enterprises, Inc.	1,389.00	13,890.00	14,966.48	135	676	5,062.50	8,450.00	13,512.50	28,478.98	10-12	26	2.000
Howard Industries, Inc.	1,513.00	15,130.00	16,302.58	153	546	5,737.50	6,825.00	12,562.50	28,865.08	7-9	24	2.000
Central Moloney	1,500.00	15,000.00	16,162.50	139	617	5,212.50	7,712.50	12,925.00	29,087.50	14	32	1.950
Kuhlman Electric	1,524.00	15,240.00	16,421.10	113	789	4,237.50	9,862.50	14,100.00	30,521.10	9	27	2.000
Cam Tran Pacific, Ltd.	1,707.37	17,073.70	18,396.91	148	600	5,550.00	7,500.00	13,050.00	31,446.91	8-10	24	2.500
G E Supply	1,303.00	13,030.00	14,039.83	133	632	4,987.50	7,900.00	12,887.50	26,927.33	10	26.8	1.370 **
Western States (Pauwels)	No Bid											

Bid Item 4: 167 kVA, 240/120 Volt, Single Phase Pad,

Number of units: 1 33 >2.0

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 (inches)	Impedance %
Western States (Cooper)	2,141.00	2,141.00	2,306.93	169	1441	633.75	1,801.25	2,435.00	4,741.93	16-18	30	2.300
Cam Tran Pacific, Ltd.	2,395.54	2,395.54	2,581.19	270	1100	1,012.50	1,375.00	2,387.50	4,968.69	8-10	26	2.100
Kuhlman Electric	2,412.00	2,412.00	2,598.93	226	1293	847.50	1,616.25	2,463.75	5,062.68	9	35	2.200
Ermco / Hess Enterprises, Inc.	2,393.00	2,393.00	2,578.46	282	1228	1,057.50	1,535.00	2,592.50	5,170.96	10-12	32	2.200
Wesco Distribution	2,625.00	2,625.00	2,828.44	242	1172	907.50	1,465.00	2,372.50	5,200.94	9-11	32	2.280
Howard Industries, Inc.	2,682.00	2,682.00	2,889.86	246	1176	922.50	1,470.00	2,392.50	5,282.36	8-10	33	2.800
G E Supply	2,752.00	2,752.00	2,965.28	198	1574	742.50	1,967.50	2,710.00	5,675.28	10	34	2.450
Central Moloney	3,200.00	3,200.00	3,448.00	247	1180	926.25	1,475.00	2,401.25	5,849.25	14	32	2.000
Western States (Pauwels)	No Bid											

** Does not meet specifications (Impedance)

