

## COUNCIL COMMUNICATION

<b>TO:</b> THE CITY COUNCIL <b>FROM:</b> THE CITY MANAGER'S OFFICE <b>SUBJECT:</b> AWARD - PURCHASE OF PADMOUNT TRANSFORMERS EUD-87-2	<b>DATE</b> April 1, 1987	<b>NO.</b>
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**RECOMMENDED ACTION:** That the City Council adopt a resolution awarding the bid, as follows:

RTE Corporation

7 - 37½ KVA single-phase 240/120	\$ 6,767.04
5 - 50 KVA "	5,225.80
1 - 112½ KVA three-phase 208Y/120	3,446.06
2 - 225 KVA "	9,109.64
2 - 150 KVA " 480Y/277	7,133.80
1 - 300 KVA "	5,023.34
	\$36,705.68

Maydwell & Hartzell, Inc.

5 - 75 KVA single-phase 240/120	\$ 6,704.50
3 - 100 KVA "	4,919.46
1 - 750 KVA three-phase 480Y/277	10,461.14
1 - 1000 KVA "	11,654.70
	\$33,739.80

General Electric Supply Co.

1 - 1500 KVA three-phase 4160Y/2400	\$15,187.68
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The total cost of the award is \$85,633.16.

**BACKGROUND INFORMATION:** On March 17, 1987, bids were received for the purchase of seven 37.5 KVA, five 50 KVA, five 75 KVA and three 100 KVA single-phase and one 112.5 KVA, two 150 KVA, two 225 KVA, one 300 KVA, one 750 KVA, one 1,000 KVA and one 1,500 KVA three-phase padmount transformers.

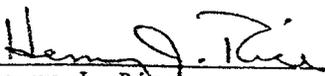
The transformers will be used to serve new customer loads, increase capacity at an existing customer and to maintain an inventory for other needs and emergencies as they develop. Some of the specific projects requiring the transformers are:

Fawnhaven Subdivision	Johnson Ranch Apartments	Lakeshore Towers
Lakewood Mall Expansion	Woodlake North #2	Woodlake Plaza
	Wright Insurance Building	

Transformers are evaluated by combining the purchase price with the life-cycle cost of transformer losses. Column "B" is the dollar value associated with these losses based on design data supplied by the bidders. The recommended award is then based on the bidder supplying unit(s) having the minimum total life-cycle cost, i.e. Column "A + B."

Funding for this purchase is available in the Electric Utility Department's Operating Fund.

Attach.  
 c.c. Assist. Elec. Utility Director  
 Electrical Engineer  
 Purchasing Office

  
 Henry J. Rite  
 Electric Utility Director

RESOLUTION NO. 87-43

AWARD - 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 by the City Clerk of this City on March 17, 1987 at 11:00 a.m. for the contract for Padmount Transformers, described in the specifications therefor approved by the City Council February 18, 1987; 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>Amount</u>
General Electric	\$96,160.00
Wesco	\$98,348.92
RTE	\$85,662.84
Western States	50 KVA Single Phase \$ 7,775.10 75 KVA Single Phase \$ 9,222.00 100 KVA Single Phase \$ 5,708.10
Maydwell & Harzell	\$72,339.70
Square D Company	\$63,556.54 excluding 37.5 KVA, 50 KVA, 75 KVA and 100 KVA

WHEREAS, said bids have been compared, checked and tabulated and a report thereof filed with the City Manager as shown on Exhibit "A" attached hereto and thereby made a part hereof.

WHEREAS, the City Manager recommends that award be made to:

Westinghouse Electric Supply Co. (WESCO)

10 - 50 KVA C.P.	\$ 8,130.20
1 - 25 KVA Conv.	<u>501.38</u>
	\$ 8,631.58

General Electric Supply Co.

10 - 75 KVA C.P.	\$12,645.80
1 - 100 KVA C.P.	1,507.32
4 - 37.5 KVA Conv.	2,607.60
5 - 75 KVA Conv.	5,591.50
	<u>\$22,352.22</u>

Dated: April 1, 1987

I hereby certify that Resolution No. 87-42 was passed and adopted by the City Council of the City of Lodi in a regular meeting held April 1, 1987 by the following vote:

Ayes: Council Members - Hinchman, Pinkerton,  
Snider, Olson and  
Reid (Mayor)

Noes: Council Members - None

Absent: Council Members - None

*Alice M. Reimche*  
Alice M. Reimche  
City Clerk

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 City of Lodi \*  
 Utility Department \*  
 \* Transformer Bid Evaluation \*  
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EUD-87-2

DATE: 03-17-87  
 TYPE: Padmount, single-phase, 12,000 Grd. Wye/6930 - 240/120-volt  
 SIZE: 37.5 KVA  
 QTY: 7

SUPPLIER	ADDRESS	"A"	"B"	"A + B"	DELIVERY
		TOTAL PRICE FOB LODI INCL TAX (\$)	COST OF LOSSES (\$)	LIFE-CYCLE COST (\$)	
RTE CORP.	Tigard, OR	6,767.04	4,077.15	10,844.19	25
MAYDWELL & HARTZELL	Brisbane, CA	6,915.44	4,091.85	11,007.29	7-10
WESCO	Concord, CA	7,279.02	4,009.25	11,288.27	13-15
GENERAL ELECTRIC CO.	Emeryville, CA	8,139.74	3,161.20	11,300.94	19-21

DATE: 03-17-87  
 TYPE: Padmount, single-phase, 12,000 Grd. Wye/6930 - 240/120-volt  
 SIZE: 50 KVA  
 QTY: 5

SUPPLIER	ADDRESS	"A"	"B"	"A + B"	DELIVERY
		TOTAL PRICE FOB LODI INCL TAX (\$)	COST OF LOSSES (\$)	LIFE-CYCLE COST (\$)	
RTE CORP.	Tigard, OR	5,225.80	3,684.00	8,909.80	25
WESCO	Concord, CA	5,745.20	3,433.00	9,178.20	13-15
MAYDWELL & HARTZELL	Brisbane, CA	5,771.70	3,411.00	9,182.70	7-10
GENERAL ELECTRIC CO.	Emeryville, CA	5,989.00	3,460.50	9,449.50	19-21
WESTERN STATES ELECTRIC	Portland, OR	7,775.10	3,157.50	10,942.60	17

DATE: 03-17-87  
 TYPE: Padmount, single-phase, 12,000 Grd. Wye/6930 - 240/120-volt  
 SIZE: 75 KVA  
 QTY: 5

SUPPLIER	ADDRESS	"A"	"B"	"A + B"	DELIVERY
		TOTAL PRICE FOB LODI INCL TAX (\$)	COST OF LOSSES (\$)	LIFE-CYCLE COST (\$)	
MAYDWELL & HARTZELL	Brisbane, CA	6,704.50	4,863.50	11,568.00	7-10
WESCO	Concord, CA	7,117.90	4,720.00	11,837.90	13-15
GENERAL ELECTRIC CO.	Emeryville, CA	7,234.50	4,878.50	12,113.00	19-21
RTE CORP.	Tigard, OR	8,045.40	4,975.75	13,021.15	25
WESTERN STATES ELECTRIC	Portland, OR	9,222.00	4,505.75	13,727.75	17

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 \* City of Lodi \*  
 \* Utility Department \*  
 \* Transformer Bid Evaluation \*  
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EUD-87-2

DATE: 03-17-87  
 TYPE: Padmount, single-phase, 12,000 Grd. Wye/6930 - 240/120-volt  
 SIZE: 100 KVA  
 QTY: 3

SUPPLIER	ADDRESS	"A"	"B"	"A + B"	DELIVERY (WEEKS)
		TOTAL PRICE FOB LODI INCL TAX (\$)	COST OF LOSSES (\$)	LIFE-CYCLE COST (\$)	
MAYDWELL & HARTZELL	Brisbane, CA	4,919.46	3,589.20	8,508.66	7-10
WESCO	Concord, CA	4,569.66	3,991.35	8,561.01	13-15
GENERAL ELECTRIC CO.	Emeryville, CA	5,466.42	3,615.75	9,082.17	19-21
WESTERN STATES ELECTRIC	Portland, OR	5,708.10	3,557.25	9,265.35	17
RTE CORP.	Tigard, OR	5,406.00	4,127.25	9,533.25	25

DATE: 03-17-87  
 TYPE: Padmount, three-phase, 12,000 Delta to 208Y/120-volt radial feed with Bay-0-Net fuses  
 SIZE: 112.5 KVA  
 QTY: 1

SUPPLIER	ADDRESS	"A"	"B"	"A + B"	DELIVERY (WEEKS)
		TOTAL PRICE FOB LODI INCL TAX (\$)	COST OF LOSSES (\$)	LIFE-CYCLE COST (\$)	
RTE CORP.	Tigard, OR	3,446.06	1,853.25	5,299.31	16
WESCO	Concord, CA	3,579.62	1,764.05	5,343.67	11-13
MAYDWELL & HARTZELL	Brisbane, CA	3,722.72	1,732.75	5,455.47	11-14
SQUARE D	Hayward, CA	4,107.50	1,670.30	5,777.80	14-16
GENERAL ELECTRIC CO.	Emeryville, CA	4,534.68	1,556.20	6,090.88	14-16

DATE: 03-17-87  
 TYPE: Padmount, three-phase, 12,000 Delta to 208Y/120-volt radial feed with Bay-0-Net fuses  
 SIZE: 225 KVA  
 QTY: 2

SUPPLIER	ADDRESS	"A"	"B"	"A + B"	DELIVERY (WEEKS)
		TOTAL PRICE FOB LODI INCL TAX (\$)	COST OF LOSSES (\$)	LIFE-CYCLE COST (\$)	
RTE CORP.	Tigard, OR	9,109.64	5,437.80	14,547.44	16
MAYDWELL & HARTZELL	Brisbane, CA	9,029.08	6,079.00	15,108.08	11-14
SQUARE D	Hayward, CA	9,434.00	5,920.90	15,354.90	14-16
WESCO	Concord, CA	9,612.08	5,915.30	15,527.38	11-13
GENERAL ELECTRIC CO.	Emeryville, CA	9,881.32	6,122.00	16,003.32	14-16

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 \* City of Lodi \*  
 \* Utility Department \*  
 \* Transformer Bid Evaluation \*  
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EUD-87-2

DATE: 03-17-87  
 TYPE: Padmount, three-phase, 12,000 Delta to 480Y/277-volt radial feed with Bay-0-Net fuses  
 SIZE: 150 KVA  
 QTY: 2

SUPPLIER	ADDRESS	"A"	"B"	"A + B"	DELIVERY (WEEKS)
		TOTAL PRICE FOB LODI INCL TAX (\$)	COST OF LOSSES (\$)	LIFE-CYCLE COST (\$)	
RTE CORP.	Tigard, OR	7,133.80	4,303.20	11,437.00	16
WESCO	Concord, CA	7,950.00	4,073.20	12,023.20	11-12
MAYDWELL & HARTZELL	Brisbane, CA	7,998.76	4,071.80	12,070.56	11-14
SQUARE D	Hayward, CA	8,215.00	4,255.90	12,470.90	14-16
GENERAL ELECTRIC CO.	Emeryville, CA	9,578.16	3,940.90	13,519.06	14-16

DATE: 03-17-87  
 TYPE: Padmount, three-phase, 12,000 Delta to 480Y/277-volt radial feed with Bay-0-Net fuses  
 SIZE: 300 KVA  
 QTY: 1

SUPPLIER	ADDRESS	"A"	"B"	"A + B"	DELIVERY (WEEKS)
		TOTAL PRICE FOB LODI INCL TAX (\$)	COST OF LOSSES (\$)	LIFE-CYCLE COST (\$)	
RTE CORP.	Tigard, OR	5,023.34	3,337.00	8,360.34	16
WESCO	Concord, CA	5,474.90	3,266.55	8,741.45	11-13
MAYDWELL & HARTZELL	Brisbane, CA	5,162.20	3,703.15	8,865.35	11-14
SQUARE D	Hayward, CA	5,442.04	3,621.65	9,063.69	14-16
GENERAL ELECTRIC CO.	Emeryville, CA	6,325.02	3,154.50	9,479.52	14-16

DATE: 03-17-87  
 TYPE: Padmount, three-phase, 12,000 Delta to 480Y/277-volt radial feed with Bay-0-Net fuses and  
 SIZE: 750 KVA  
 QTY: 1  
 primary ON-OFF switch.

SUPPLIER	ADDRESS	"A"	"B"	"A + B"	DELIVERY (WEEKS)
		TOTAL PRICE FOB LODI INCL TAX (\$)	COST OF LOSSES (\$)	LIFE-CYCLE COST (\$)	
MAYDWELL & HARTZELL	Brisbane, CA	10,461.14	6,566.45	17,027.59	11-14
SQUARE D	Hayward, CA	9,540.00	7,670.25	17,210.25	14-16
RTE CORP.	Tigard, OR	9,291.96	8,409.55	17,701.51	14
WESCO	Concord, CA	11,063.22	6,859.30	17,922.52	16-18
GENERAL ELECTRIC CO.	Emeryville, CA	11,591.10	6,873.35	18,464.45	14-16

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 \* City of Lodi \*  
 \* Utility Department \*  
 \* Transformer Bid Evaluation \*  
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EUD-87-2

DATE: 03-17-87  
 TYPE: Padmount, three-phase, 12,000 Delta to 480Y/277-volt radial feed with Bay-O-Net fuses and  
 SIZE: 1000 KVA primary ON-OFF switch.  
 QTY: 1

SUPPLIER	ADDRESS	"A"	"B"	"A + B"	DELIVERY (WEEKS)
		TOTAL PRICE FOB LODI INCL TAX (\$)	COST OF LOSSES (\$)	LIFE-CYCLE COST (\$)	
MAYDWELL & HARTZELL	Brisbane, CA	11,534.70	9,172.00	20,826.70	11-14
RTE CORP.	Tigard, OR	10,856.52	10,182.00	21,038.52	14
GENERAL ELECTRIC CO.	Emeryville, CA	12,228.16	9,369.10	21,597.26	14-16
WESCO	Concord, CA	12,829.18	9,012.50	21,841.68	10-12
SQUARE D	Hayward, CA	11,448.00	10,407.25	21,855.25	14-16

DATE: 03-17-87  
 TYPE: Padmount, three-phase, 12,000 Delta to 4160Y/2400-volt radial feed with Bay-O-Net fuses and  
 SIZE: 1500 KVA primary ON-OFF switch.  
 QTY: 1

SUPPLIER	ADDRESS	"A"	"B"	"A + B"	DELIVERY (WEEKS)
		TOTAL PRICE FOB LODI INCL TAX (\$)	COST OF LOSSES (\$)	LIFE-CYCLE COST (\$)	
GENERAL ELECTRIC CO.	Emeryville, CA	15,187.68	13,478.60	28,666.28	14-16
SQUARE D	Hayward, CA	15,370.00	13,408.35	28,778.35	14-16
RTE CORP.	Tigard, OR	15,357.28	13,967.80	29,325.08	15
WESCO	Concord, CA	23,128.14	12,030.00	35,158.14	12