



**CITY OF LODI  
COUNCIL COMMUNICATION**

**AGENDATITLE:** Adopt Resolution Awarding the Purchase of Polemount Transformers to GEXPRO (GE Supply) of North Highlands, CA (\$27,567.86) (EUD)

**MEETING DATE:** September 5, 2007

**PREPARED BY** Electric Utility Director

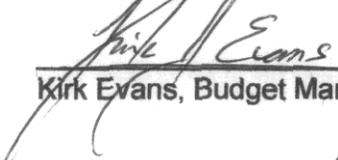
**RECOMMENDED ACTION:** Adopt a resolution awarding the purchase of polemount transformers to GEXPRO (GE Supply), of North Highlands, CA.

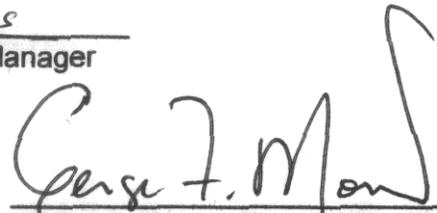
**BACKGROUND INFORMATION:** On May 16, 2007, the City Council authorized the Electric Utility Department (EUD) to advertise for bids as necessary to meet the EUD's needs for polemount transformers through the fiscal year.

On July 18, 2007, bids were opened for nine sizes of padmount transformers, and life-cycle costs were evaluated (life-cycle costs are the combined total purchase price plus cost of operation based on estimated power loss during the projected life of the transformer). Proposals were also evaluated on the basis of compliance with equipment and bid specifications. There were nineteen (19) different polemount transformers with ratings at 25kVA, 37.5kVA and 50kVA at different terminal voltages. Five manufacturers submitted bid proposals and GEXPRO (GE Supply) of North Highlands, California showed the lowest life-cycle costs for all advertised transformers. A summary of the bid evaluation is attached as Exhibit A. Some of the transformers are planned for use in a commercial development on Reynolds Ranch and other residential and commercial developments and upgrades within the City. The remaining transformers are to bring the number of stock transformers of different sizes to the required inventory level.

**FISCAL IMPACT:** Price is \$27,567.86

**FUNDING:** Account No. 160650.

  
Kirk Evans, Budget Manager

  
George F. Morrow, Electric Utility Director

Prepared by: Demy Bucaneg, Jr., PE. Manager, Engineering & Operations

GFM/DB/1st

Attachment

APPROVED:   
Blair King, City Manager







RESOLUTION NO. 2007-174

A RESOLUTION OF THE LODI CITY COUNCIL  
AWARDING THE BIDS FOR THE PURCHASE OF  
POLEMOUNT 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 18, 2007, at 11:00 a.m., for the purchase of polemount transformers for the Electric Utility Department, described in the specifications therefore approved by the City Council on May 16, 2007; 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 ratings of polemount transformers for the Electric Utility Department be made to the bidder(s) 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:

5 each 25kVA 120/240 Volt, 1-Ph	GEXPRO (GE Supply)	\$ 5,306.69
2 each 37.5kVA 277 Volt, 1-Ph	GEXPRO (GE Supply)	\$2,467.48
5 each 37.5kVA, 120/240 Volt, 1-Ph	GEXPRO (GE Supply)	\$7,138.44
1 each 37.5kVA, 240/480 Volt, 1-Ph	GEXPRO (GE Supply)	\$ 1,664.74
5 each 50kVA, 120/240 Volt, 1-Ph	GEXPRO (GE Supply)	\$ 9,147.98
1 each 50kVA, 240/480 Volt, 1-Ph	GEXPRO (GE Supply)	<u>\$ 1,842.53</u>

**\$27,567.86**

NOW, THEREFORE, BE IT RESOLVED that the award of the bids for the purchase of polemount transformers for the Electric Utility Department be and the same is hereby awarded to the lowest responsible bidders, as shown above, in the total amount of \$27,567.86.

Dated: September 5, 2007

I hereby certify that Resolution No. 2007-174 was passed and adopted by the City Council of the City of Lodi in a regular meeting held September 5, 2007, by the following vote:

AYES: COUNCIL MEMBERS – Hansen, Hitchcock, Katzakian, Mounce, and Mayor Johnson

NOES: COUNCIL MEMBERS – None

ABSENT: COUNCIL MEMBERS – None

ABSTAIN: COUNCIL MEMBERS –



RANDI JOHL  
City Clerk

**Transformer Bid Evaluation**

**Bid Opening: July 18, 2007**

**Polemount**

July 18, 2007

Tax (factor) 1 0775  
 No Load Loss \$/watt 3 75  
 Load Loss \$/watt 1 25

**Primary Winding: 12.000 Volt Line-to-Line**

**Bid Item 1: 25kVA, 1201240Volt, Single Phase. Conventional. Pole** Number of units 5 ~~4~~ 500

Vendor	Unit Price \$	Extended Price \$	Pnce w/tax \$	No Load Loss (watts)	Load Loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Oelivery (weeks)	Height (inches)	Weight (pounds)
ERMCo c/o Hees Enterprises, Inc	1,175.00	5,875.00	6,330.31	59	345	1,106.25	2,156.25	3,252.50	9,592.81	12-14	409"	397
WESCO Distribution	1,211.00	6,055.00	6,524.26	63	346	1,181.25	2,162.50	3,343.75	9,868.01	10-12	39"	3176
GE Supply - Gexpro	985.00	4,925.00	5,306.69	53	455	993.75	2,843.75	3,837.50	9,144.19	10	364"	346
Howard Industries, Inc	1,513.00	7,565.00	8,151.29	68	315	1,275.00	1,968.75	3,243.75	11,395.04	8-10	32"	327
Central Moloney, Inc	No Bid											

**Bid Item 2: 37.5kVA, 277 Volt, Single Phase, Conventional, Pole** Number of units 2 ~~4~~ 625

Vendor	Unit Price \$	Extended Price \$	Pnce 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)
ERMCo c/o Hees Enterprises, Inc	1,548.00	3,096.00	3,335.94	92	377	690.00	942.50	1,632.50	4,968.44	12-14	40.9"	513
WESCO Distribution	1,345.00	2,690.00	2,898.48	93	460	697.50	1,150.00	1,847.50	4,745.98	10-12	40"	421.26
GE Supply - Gexaro	1,145.00	2,290.00	2,467.48	77	596	577.50	1,490.00	2,067.50	4,534.98	10	394"	464
Howard Industries, Inc	2,594.00	5,188.00	5,590.07	90	419	675.00	1,047.50	1,722.50	7,312.57	8-10	36"	457
Central Moloney, Inc	No Bid											

**Bid Item 3: 37.5kVA, 120/240 Volt, Single Phase, Conventional, Pole**

Number of units 5 48' 625

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)
ERMCo c/o Hees Enterprises, Inc	1,573.00	7,865.00	<b>8,474.54</b>	84	402	1,575.00	2,512.50	4,087.50	<b>12,562.04</b>	12-14	409'	516
WESCO Distribution	1,367.00	6,835.00	<b>7,364.71</b>	88	<b>586</b>	1,650.00	3,662.50	5,312.50	<b>12,677.21</b>	1-2	46'	47777
GE Supply - Gexpro	1,325.00	6,625.00	<b>7,138.44</b>	83	403	1,556.25	2,518.75	4,075.00	<b>11,213.44'</b>	10	34.8'	446
Howard Industries, Inc	2,113.00	10,565.00	<b>11,383.79</b>	95	414	1,781.25	2,587.50	4,368.75	<b>15,752.54</b>	8-10	37'	433
Central Moloney, Inc	No Bid											

**Bid Item 4: 37.5kVA, 240/480 Volt, Single Phase, Conventional, Pole**

Number of units 1 48' 625

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)
ERMCo c/o Hees Enterprises, Inc	1,565.00	1,565.00	<b>1,686.29</b>	86	392	322.50	490.00	812.50	<b>2,490.79</b>	12-14	409'	514
WESCO Distribution	1,494.00	1,494.00	<b>1,609.79</b>	81	<b>565</b>	303.75	706.25	1,010.00	<b>2,619.79</b>	10-12	42'	521 <del>55</del>
GE Supply - Gexpro	1,545.00	1,545.00	<b>1,664.74</b>	76	334	285.00	417.50	702.50	<b>2,367.24'</b>	10	31.7'	462
Howard Industries, Inc	2,576.00	2,576.00	<b>2,775.64</b>	94	439	352.50	548.75	901.25	<b>3,676.89</b>	8-10	36'	442
Central Moloney, Inc	No Bid											

**Bid Item 5: 50kVA, 120240 Volt, Single Phase, Conventional, Pole**

Number of units 5

5' 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)
ERMCo c/o Hees Enterprises, Inc	1,763.00	8,815.00	9,498.16	103	497	1,931.25	3,106.25	5,037.50	14,535.66	12-14	409'	573
WESCO Distribution	1,761.00	8,805.00	9,487.39	106	605	1,987.50	3,781.25	5,768.75	15,256.14	10-12	4'	53494
GE Supply - Gexpro	1,698.00	8,490.00	9,147.98	92	498	1,725.00	3,112.50	4,837.50	13,985.48	10	34.1'	607
Howard Industries, Inc	3,022.00	15,110.00	16,281.03	116	468	2,175.00	2,925.00	5,100.00	21,381.03	8-10	37'	542
Central Moloney, Inc	No Bid											

**Bid Item 6: 50kVA, 240/480 Volt, Single Phase, Conventional, Pole**

Number of units 1

5' 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)
ERMCo c/o Hees Enterprises, Inc	1,729.00	1,729.00	1,863.00	105	490	393.75	612.50	1,006.25	2,869.25	12-14	409'	556
WESCO Distribution	1,875.00	1,875.00	2,020.31	116	445	435.00	556.25	991.25	3,011.56	10-12	3'	57808
GE Supply - Gexpro	1,710.00	1,710.00	1,842.53	98	428	367.50	535.00	902.50	2,745.03	10	342'	569
Howard Industries, Inc	3,201.00	3,201.00	3,449.08	117	434	438.75	542.50	981.25	4,430.33	8-10	3'	532
Central Moloney, Inc	No Bid											

GE Supply - Gexpro **\$27,567.86**