



City of Grand Island

Tuesday, January 9, 2018

Council Session

Item G-4

#2018-3 - Approving the Purchase of Distribution Transformers

Staff Contact: Tim Luchsinger, Stacy Nonhof

Council Agenda Memo

From: Timothy Luchsinger, Utilities Director
Stacy Nonhof, Assistant City Attorney

Meeting: January 9, 2017

Subject: Distribution Transformers

Presenter(s): Timothy Luchsinger, Utilities Director

Background

On average, Grand Island Utilities uses around 275 distribution transformers per year. These transformer purchases can be broken down into three categories: Three Phase Pad-mount, Single Phase Pad-mount, and Single Phase Pole-mount. With procurement lead times of up to 12 weeks, it is beneficial to have a pre-approved bid sheet available for ordering. The proposed agreements provide for the purchase of the various transformers by unit pricing through the end of the calendar year.

Discussion

The Utilities Department evaluated three independent categories of transformers: Three Phase Pad-mount, Single Phase Pad-mount, and Single Phase Pole-mount. The request for proposals was advertised on November 20, 2017. Proposals were received by 4:00 p.m. on December 12, 2017, with the following six vendors submitting proposals:

ERMCO, Inc.
Central Moloney, Inc.
Kriz-Davis Company
Dutton-Lainson Company
Wesco Distribution, Inc.
Graybar Electric Co., Inc.

Using evaluation criteria, which included unit pricing, estimated quantities, and transformer performance, the proposals were reviewed by the Department's division managers. A tabulation of the evaluations' factors indicated the low evaluated price for the following selections:

Company	Category
ERMCO, Inc.	Three Phase Pad-mount Transformers
Graybar Electric Co., Inc.	Single Phase Pad-mount Transformers
Graybar Electric Co., Inc.	Single Phase Pole-mount Transformers

Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

Recommendation

The project specifications provide that the City may award all categories to a single vendor or award contracts to three separate vendors, whichever method provides the best value to the City. City Administration recommends that the Council approve the purchasing contracts for the Distribution Transformers, as the low responsive bidders:

ERMCO, Inc.	Three Phase Pad-mount Transformers
Graybar Electric Company, Inc.	Single Phase Pad-mount Transformers
Graybar Electric Company, Inc.	Single Phase Pole-mount Transformers

Sample Motion

Move to approve the purchasing contracts for the Distribution Transformers, as the low responsive bidders:

ERMCO, Inc.	Three Phase Pad-mount Transformers
Graybar Electric Company, Inc.	Single Phase Pad-mount Transformers
Graybar Electric Company, Inc.	Single Phase Pole-mount Transformers



Stacy Nonhof, Purchasing Agent

*Working Together for a
Better Tomorrow, Today*

**REQUEST FOR PROPOSAL
FOR
DISTRIBUTION TRANSFORMERS**

RFP DUE DATE: December 12, 2017 at 4:00 p.m.
DEPARTMENT: Utilities
PUBLICATION DATE: November 20, 2017
NO. POTENTIAL BIDDERS: 6

SUMMARY OF PROPOSALS RECEIVED

Central Moloney, Inc.
Pine Bluff, AR

Wesco Distribution, Inc.
Sioux City, IA

Graybar Electric Company, Inc.
Omaha, NE

Dutton-Lainson Company
Hastings, NE

ERMCO, Inc. c/o Cahoon Sales
Iowa City, IA

Kriz-Davis Co.
Grand Island, NE

cc: Tim Luchsinger, Utilities Director
Marlan Ferguson, City Administrator
Stacy Nonhof, Purchasing Agent
Ryan Schmitz, Assist. Utilities Director

Pat Gericke, Utilities Admin. Assist.
Rena Griffiths, Finance Director
Angi Schulte, Utilities Secretary

P2016

Cahoon; Middleton, WI

	(A)	(B)	(C)	(D)	(E)	(F)
3 Phase Padmount Transformer Type	KVA	Average No. Used Per year (4 Year Average)	Price (each)	Guaranteed No-Load Losses (watts)	Guaranteed Full-Load Losses (watts)	Total Price = (B)*((C) + \$8.41*(D) + \$2.69*(E)) Note: If 'NA' use a value of '0.25'
13.2/480/277	45	0.25	\$ 8,445.00	126	444	\$ 2,674.76
13.2/208/120	45	0.25	\$ 8,471.00	129	440	\$ 2,684.87
13.2/480/277	75	0.75	\$ 8,796.00	198	611	\$ 9,078.58
13.2/208/120	75	5.50	\$ 8,796.00	189	682	\$ 67,210.39
13.2/480/277	112.5	0.25	\$ 9,030.00	278	946	\$ 3,478.18
13.2/208/120	112.5	0.25	\$ 9,025.00	246	1177	\$ 3,565.00
13.2/480/277	150	0.25	\$ 10,066.00	321	1053	\$ 3,899.55
13.2/208/120	150	3.50	\$ 10,224.00	320	1141	\$ 55,945.72
13.2/480/277	225	0.50	\$ 11,055.00	423	1555	\$ 9,397.69
13.2/208/120	225	1.25	\$ 11,161.00	433	1679	\$ 24,148.80
13.2/480/277	300	0.50	\$ 12,206.00	539	1870	\$ 10,884.65
13.2/208/120	300	2.50	\$ 11,817.00	563	2358	\$ 57,237.13
13.2/480/277	500	1.00	\$ 14,718.00	741	3187	\$ 29,522.84
13.2/208/120	500	1.00	\$ 15,367.00	751	3976	\$ 32,378.35
13.2/480/277	750	1.50	\$ 19,928.00	951	4460	\$ 59,884.97
13.2/208/120	750	1.00	\$ 20,501.00	927	5711	\$ 43,659.66
13.2/480/277	1000	1.75	\$ 22,846.00	1304	5595	\$ 85,510.58
13.2/208/120	1000	0.25	\$ 24,327.00	1227	7758	\$ 13,878.77
13.2/480/277	1500	1.50	\$ 28,427.00	1769	8870	\$ 100,746.89
13.2/208/120	1500	0.25	\$ 37,685.00	1431	12082	\$ 20,555.07
13.2/480/277	2000	0.25	\$ 32,830.00	2009	11109	\$ 19,902.23
13.2/480/277	2500	0.25	\$ 39,887.00	2870	12403	\$ 24,346.94
Total (Sum Column F)						\$ 680,591.58
						\$ 515,040.46

Graybar						
	(A)	(B)	(C)	(D)	(E)	(F)
Single Phase Padmount Transformer Type	KVA	Average No. Used Per year (4 Year Average)	Price (each)	Guaranteed No-Load Losses (watts)	Guaranteed Full-Load Losses (watts)	Total Price = B*(C + (\$8.41*D) + (\$2.69*E)) Note: If 'NA' use a value of '0.25'
13.2/7620/240/120 (Maxi-Pak)	10	1.25	\$ 1,740.00	32	132	\$ 2,955.25
13.2/7620/240/120 (Maxi-Pak)	15	0.25	\$ 2,249.00	42	180	\$ 771.61
13.2/7620/240/120 (Maxi-Pak)	25	34.75	\$ 1,796.00	69	241	\$ 105,104.16
13.2/7620/240/120 (Maxi-Pak)	37.5	28.75	\$ 1,909.00	90	322	\$ 101,547.30
13.2/7620/240/120 (Maxi-Pak)	50	10.50	\$ 2,129.00	112	397	\$ 43,457.93
13.2/7620/240/120 (Maxi-Pak)	75	2.25	\$ 2,505.00	132	648	\$ 12,056.04
13.2/7620/240/120 (Maxi-Pak)	100	0.50	\$ 3,065.00	153	895	\$ 3,379.64
13.2/7620/240/120 (Maxi-Pak)	167	1.00	\$ 4,022.00	254	1142	\$ 9,230.12
Total (Sum Column F)						\$ 278,502.04

Graybar						
	(A)	(B)	(C)	(D)	(E)	(F)
Single Phase Polemount Transformer Type	KVA	Average No. Used Per year (4 Year Average)	Price (each)	Guaranteed No-Load Losses (watts)	Guaranteed Full-Load Losses (watts)	Total Price = B*(C + (\$8.41*D) + (\$2.69*E)) Note: If 'NA' use a value of '0.25'
13.2/22860/277/480	10	10.75	\$ 614.00	35	115	\$ 13,090.28
13.2/7620/120/240	10	25.75	\$ 590.00	33	114	\$ 30,235.39
13.2/22860/120/208	10	0.25	\$ 820.00	34	130	\$ 363.91
13.2/22860/277/480	15	10.00	\$ 696.00	44	159	\$ 14,937.50
13.2/7620/120/240	15	33.00	\$ 652.00	42	168	\$ 48,085.62
13.2/22860/120/208	15	0.25	\$ 884.00	49	168	\$ 437.00
13.2/22860/277/480	25	11.00	\$ 811.00	69	255	\$ 22,849.64
13.2/7620/120/240	25	37.75	\$ 830.00	49	340	\$ 81,415.05
13.2/22860/120/208	25	7.25	\$ 892.00	69	255	\$ 15,647.24
13.2/22860/277/480	37.5	0.25	\$ 1,140.00	83	361	\$ 702.28
13.2/7620/120/240	37.5	13.00	\$ 988.00	73	425	\$ 35,687.34
13.2/22860/120/208	37.5	0.25	\$ 945.00	197	701	\$ 1,121.87
13.2/22860/277/480	50	4.50	\$ 1,073.00	109	587	\$ 16,059.24
13.2/7620/120/240	50	3.50	\$ 1,116.00	76	580	\$ 11,603.76
13.2/22860/120/208	50	0.25	\$ 1,556.00	101	441	\$ 897.93
13.2/22860/277/480	75	0.25	\$ 1,651.00	138	605	\$ 1,109.76
13.2/7620/120/240	75	0.25	\$ 1,901.00	125	638	\$ 1,167.12
13.2/22860/120/208	75	0.25	\$ 1,651.00	138	605	\$ 1,109.76
13.2/22860/277/480	100	2.25	\$ 2,053.00	158	767	\$ 12,251.27
13.2/7620/120/240	100	0.25	\$ 2,490.00	182	783	\$ 1,531.72
13.2/22860/120/208	100	0.25	\$ 2,864.00	159	896	\$ 1,652.86
Total (Sum Column F)						\$ 311,956.52

RESOLUTION 2018-3

WHEREAS, the City of Grand Island invited quotes for Electric Distribution Transformers, according to plans and specifications on file with the Utilities Department; and

WHEREAS, on December 12, 2017, quotes were received, opened, reviewed and evaluated based on responsiveness, experience, unit pricing and guarantees; and

WHEREAS, ERMCO, Inc., of Iowa City, Iowa, submitted a quote for Three Phase Pad-mount Transformers; and

WHEREAS, Graybar Electric Company, Inc., of Omaha, Nebraska, submitted quotes for Single Phase Pad-mount and Single Phase Pole-mount Transformers.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the purchase of Three Phase Pad-mount Transformers from ERMCO, Inc. c/o Cahoon Sales, Inc., and the purchase of Single Phase Pad-mount and Single Phase Pole-mount Transformers from Graybar Electric Company, Inc., is hereby approved and the Mayor is hereby authorized to sign the contracts on behalf of the City of Grand Island.

Adopted by the City Council of the City of Grand Island, Nebraska, January 9, 2018.

Jeremy L. Jensen, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
January 5, 2018	☐ City Attorney