

COUNCIL ACTION FORM

SUBJECT: **CONTRACT RENEWAL FOR PURCHASE OF ELECTRIC
DISTRIBUTION TRANSFORMERS**

BACKGROUND:

This contract includes the purchase of Padmounted transformers manufactured by ERMCO, and the purchase of Overhead Transformers manufactured by ABB. These are in accordance with unit prices and energy losses bid for the Electric Services Department for FY 13/14 with renewals for FY14/15, FY15/16, and FY16/17.

On April 23, 2013, City Council awarded a contract to RESCO of Ankeny, Iowa for the purchase of Padmounted Transformers (manufactured by ERMCO), and to Wesco Distribution of Des Moines, Iowa, for the purchase of Overhead Transformers, (manufactured by ABB), for Electric Services. This contract contained three renewal options. The period from April 1, 2014 through March 31, 2015, is the first renewal option subject to Council approval of funding for the Transformer purchases. Increases for FY 14/15 are shown on the attached sheet. The RESCO purchases shown include a 4% increase from FY 13/14, and the Wesco purchases shown include a 5% increase from FY 13/14, both in accordance with the contract terms initially established.

Units are to be purchased as requested; and payments will be based on unit prices bid and actual quantities ordered plus applicable sales taxes. Total cost for FY 14/15 shall not exceed the budgeted amount of \$475,000.

ALTERNATIVES:

1. Approve the contract renewal with RESCO of Ankeny, Iowa for the purchase of Padmounted Transformers (manufactured by ERMCO), and to Wesco Distribution of Des Moines, Iowa, for the purchase of Overhead Transformers, (manufactured by ABB) for the one-year period from April 1, 2014, through March 31, 2015.
2. Reject all renewal contracts and attempt to purchase electric distribution transformers on an as needed basis.

MANAGER'S RECOMMENDED ACTION:

Awarding these renewal contracts will allow for a sure supply of transformers needed for new service and for emergency replacements at a known cost. Transformers will be purchased as needed under these renewal contracts at the price(s) quoted in the bid process. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1 as stated above.



**RESCO Padmounts (ERMCO)
FY 2014 / 2015
1 of 3 Renewal Extensions
IFB 2013-147**

Group I - PADMOUNT TRANSFORMERS

**Division 1- SINGLE PHASE PADMOUNTED DISTRIBUTION TRANSFORMER 120/240 VOLTS, IN ACCORDANCE WITH
CITY OF AMES SPECIFICATION 1ΦPADTRANSF (REVISED 2/23/13)**

Item#	Type KVA	Est. Qty	Mfg.	FY 2013/2014 Price	Renewal 2014/2015 Price
1	25	5	ERMCO	1,550.77	1,612.80
2	37.5	10	ERMCO	1,705.64	1,773.87
3	50	10	ERMCO	1,865.64	1,940.27
4	75	1	ERMCO	2,413.00	2,509.52
5	100	2	ERMCO	2,796.92	2,908.80

**Division 2- THREE PHASE PADMOUNTED DISTRIBUTION TRANSFORMER 120/208 VOLTS, IN ACCORDANCE WITH
CITY OF AMES SPECIFICATION 3ΦPADTRANSF (REVISED 2/26/13)**

Item#	Type KVA	Est. Qty	Mfg.	FY 2013/2014 Price	Renewal 2014/2015 Price
1	112.5	1	ERMCO	5,906.67	6,142.94
2	150	3	ERMCO	6,564.10	6,826.66
3	225	1	ERMCO	7,970.26	8,289.07
4	300	3	ERMCO	9,366.15	9,740.80
5	500	3	ERMCO	11,183.59	11,630.93
6	750	1	ERMCO	15,149.74	15,755.73

**Division 3- THREE PHASE PADMOUNTED DISTRIBUTION TRANSFORMER 120/208 VOLTS, IN ACCORDANCE WITH
CITY OF AMES SPECIFICATION 3ΦPADTRANSF (REVISED 2/26/13)**

ALTERNATE LOOP FEED SWITCHES
(REVISED 2/26/13)

Item#	Type KVA	Est. Qty	Mfg.	FY 2013/2014 Price	Renewal 2014/2015 Price
1	112.5	1	ERMCO	7,091.28	7,374.93
2	150	5	ERMCO	7,185.64	7,473.07
3	225	1	ERMCO	8,647.18	8,993.07
4	300	5	ERMCO	9,922.05	10,318.93
5	500	3	ERMCO	11,764.10	12,234.66
6	750	1	ERMCO	14,668.72	15,255.47

**Division 4- THREE PHASE PADMOUNTED DISTRIBUTION TRANSFORMER 277/480 VOLTS, IN ACCORDANCE WITH
CITY OF AMES SPECIFICATION 3ΦPADTRANSF (REVISED 2/26/13)**

Item#	Type KVA	Est. Qty	Mfg.	FY 2013/2014 Price	Renewal 2014/2015 Price
1	300	2	ERMCO	8,476.92	8,816.00
2	500	2	ERMCO	10,876.92	11,312.00
3	750	1	ERMCO	13,882.05	14,437.33
4	1000	1	ERMCO	18,268.72	18,999.47
5	1500	1	ERMCO	20,966.15	21,804.80

**Division 5- THREE PHASE PADMOUNTED DISTRIBUTION TRANSFORMER 277/480 VOLTS, IN ACCORDANCE WITH
CITY OF AMES SPECIFICATION 3ΦPADTRANSF (REVISED 2/26/13) ***STANDARD 55°C rise*****

Item#	Type KVA	Est. Qty	Mfg.	FY 2013/2014 Price	Renewal 2014/2015 Price
1	2500	2	ERMCO	32,552.82	33,854.93

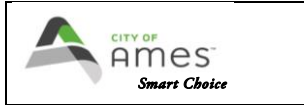
Group II - OVERHEAD TRANSFORMERS

Division 1- SINGLE PHASE OVERHEAD DISTRIBUTION TRANSFORMER 120/240 VOLTS, IN ACCORDANCE WITH CITY OF AMES SPECIFICATION OVHDTRANSF (REVISED 2/26/13)

Item#	Type KVA	Est. Qty	Mfg.	FY 2013/2014 Price	Renewal 2014/2015 Price
1	5	1	ERMCO	632.82	658.13
2	10	1	ERMCO	694.36	722.13
3	15	2	ERMCO	773.33	804.26
4	25	5	ERMCO	1,009.23	1,049.60
5	37.5	1	ERMCO	1,067.69	1,110.40
6	50	5	ERMCO	1,247.18	1,297.07
7	75	2	ERMCO	2,041.03	2,122.67
8	100	1	ERMCO	2,277.95	2,369.07

Division 2- SINGLE PHASE OVERHEAD DISTRIBUTION TRANSFORMER 277/480 VOLTS, IN ACCORDANCE WITH CITY OF AMES SPECIFICATION OVHDTRANSF (REVISED 2/26/13)

Item#	Type KVA	Est. Qty	Mfg.	FY 2013/2014 Price	Renewal 2014/2015 Price
1	15	1	ERMCO	771.28	802.13
2	25	1	ERMCO	1,003.08	1,043.20
3	37.5	1	ERMCO	1,056.41	1,098.67
4	50	1	ERMCO	1,263.59	1,314.13
5	75	1	ERMCO	2,038.97	2,120.53
6	100	1	ERMCO	2,225.64	2,314.67



Group I - PADMOUNT TRANSFORMERS

Division 1- SINGLE PHASE PADMOUNTED DISTRIBUTION TRANSFORMER 120/240 VOLTS, IN ACCORDANCE WITH CITY OF AMES SPECIFICATION 1ΦPADTRANSF (REVISED 2/23/13)

Item#	Type KVA	Est. Qty	Mfg.	FY 2013/2014 Price	Renewal 2014/2015 Price
1	25	5	ABB	1,731.00	1,817.55
2	37.5	10	ABB	1,874.00	1,967.70
3	50	10	ABB	2,130.00	2,236.50
4	75	1	ABB	2,251.00	2,363.55
5	100	2	ABB	2,897.00	3,041.85

Division 2- THREE PHASE PADMOUNTED DISTRIBUTION TRANSFORMER 120/208 VOLTS, IN ACCORDANCE WITH CITY OF AMES SPECIFICATION 3ΦPADTRANSF (REVISED 2/26/13)

Item#	Type KVA	Est. Qty	Mfg.	FY 2013/2014 Price	Renewal 2014/2015 Price
1	112.5	1	ABB	5,797.00	6,086.85
2	150	3	ABB	6,198.00	6,507.90
3	225	1	ABB	7,627.00	8,008.35
4	300	3	ABB	9,022.00	9,473.10
5	500	3	ABB	11,131.00	11,687.55
6	750	1	ABB	15,646.00	16,428.30

Division 3- THREE PHASE PADMOUNTED DISTRIBUTION TRANSFORMER 120/208 VOLTS, IN ACCORDANCE WITH CITY OF AMES SPECIFICATION 3ΦPADTRANSF (REVISED 2/26/13)
*****ALTERNATE LOOP FEED SWITCHES*****
(REVISED 2/26/13)

Item#	Type KVA	Est. Qty	Mfg.	FY 2013/2014 Price	Renewal 2014/2015 Price
1	112.5	1	ABB	6,391.00	6,710.55
2	150	5	ABB	7,039.00	7,390.95
3	225	1	ABB	8,081.00	8,485.05
4	300	5	ABB	9,457.00	9,929.85
5	500	3	ABB	12,299.00	12,913.95
6	750	1	ABB	16,772.00	17,610.60

Division 4- THREE PHASE PADMOUNTED DISTRIBUTION TRANSFORMER 277/480 VOLTS, IN ACCORDANCE WITH CITY OF AMES SPECIFICATION 3ΦPADTRANSF (REVISED 2/26/13)

Item#	Type KVA	Est. Qty	Mfg.	FY 2013/2014 Price	Renewal 2014/2015 Price
1	300	2	ABB	9,051.00	9,503.55
2	500	2	ABB	11,431.00	12,002.55
3	750	1	ABB	17,020.00	17,871.00
4	1000	1	ABB	18,269.00	19,182.45
5	1500	1	ABB	20,315.00	21,330.75

Division 5- THREE PHASE PADMOUNTED DISTRIBUTION TRANSFORMER 277/480 VOLTS, IN ACCORDANCE WITH CITY OF AMES SPECIFICATION 3ΦPADTRANSF (REVISED 2/26/13) *STANDARD 55°C rise*****

Item#	Type KVA	Est. Qty	Mfg.	FY 2013/2014 Price	Renewal 2014/2015 Price
1	2500	2	ABB	29,368.00	30,836.40

Group II - OVERHEAD TRANSFORMERS

Division 1- SINGLE PHASE OVERHEAD DISTRIBUTION TRANSFORMER 120/240 VOLTS, IN ACCORDANCE WITH CITY OF AMES SPECIFICATION OVHDTRANSF (REVISED 2/26/13)

Item#	Type KVA	Est. Qty	Mfg.	FY 2013/2014 Price	Renewal 2014/2015 Price
1	5	1	ABB-Power Partners	471.00	494.55
2	10	1	ABB-Power Partners	530.00	556.50
3	15	2	ABB-Power Partners	600.00	630.00
4	25	5	ABB-Power Partners	793.00	832.65
5	37.5	1	ABB-Power Partners	959.00	1,006.95
6	50	5	ABB-Power Partners	1,248.00	1,310.40
7	75	2	ABB-Power Partners	1,625.00	1,706.25
8	100	1	ABB-Power Partners	2,772.00	2,910.60

**Division 2- SINGLE PHASE OVERHEAD DISTRIBUTION TRANSFORMER 277/480 VOLTS, IN ACCORDANCE WITH CITY
OF AMES SPECIFICATION OVHDTRANSF (REVISED 2/26/13)**

Item#	Type KVA	Est. Qty	Mfg.	FY 2013/2014 Price	Renewal 2014/2015 Price
1	15	1	ABB-Power Partners	628.00	659.40
2	25	1	ABB-Power Partners	691.00	725.55
3	37.5	1	ABB-Power Partners	938.00	984.90
4	50	1	ABB-Power Partners	1,203.00	1,263.15
5	75	1	ABB-Power Partners	1,568.00	1,646.40
6	100	1	ABB-Power Partners	2,660.00	2,793.00