



CITY COUNCIL AGENDA ITEM

January 26, 2011

To: John Szerlag, City Manager

From: John M. Lamerato, Assistant City Manager/Finance and Administration
 Mark F. Miller, Acting Assistant City Manager/Economic Development Services
 Susan A. Leirstein, Purchasing Director
 Steven A. Pallotta, Director of Building Operations
 Zachary Branigan LEED AP, Consultant

Subject: Standard Purchasing Resolution 1 – Award To Low Bidder: LED Lighting and Retrofits

Background

On January 24, 2011, four (4) bid proposals were received to furnish and install LED Lighting on the City Hall municipal campus. A total of 256 vendors were notified via the MITN system.

Carlisle / Wortman Associates, Inc under the direction of Zachary Branigan, LEED AP, AICP Associate developed funding recommendations that were approved through the Energy Efficiency and Conservation Block Grant Program.

The Energy Efficiency and Conservation Block Grant required Rapid Energy Assessment Programs to identify a series of factors where the City could realize significant energy savings. The LED Lighting Retrofits upgrades were chosen to reduce energy consumption at the City Hall main campus buildings, and the Police/Fire Training facility.

This project will reduce the overall electrical usage and maintenance costs associated with old inefficient lighting fixtures.

The LED Lighting upgrades will use Michigan designed and manufactured products. Relume Technologies is based in Oxford, Michigan, established in 1994. Relume began LED research and design work seventeen (17) years ago as a contract firm for the United States Department of Defense, and was a pioneer in LED technologies back in the infancy of this new form of lighting. Many of the solutions for military applications manufactured by Relume were put into service in the Middle East during the beginning of the Gulf War and are still in active use today, including LED battlefield lights, check-point signals, and mobile surgical unit shelter lighting. Relume's LED Solutions use CREE LEDs manufactured in Durham, North Carolina, custom optics made in Indiana, aluminum extrusions, powder coating, and circuit boards made in Michigan, and all assembly operations are completed at Relume's Oxford, Michigan plant, giving Relume products the distinction of having the highest domestic and Michigan content of any LED manufacturer in the US .



CITY COUNCIL AGENDA ITEM

January 26, 2011

To: John Szerlag, City Manager
Re: Award To Low Bidder – LED Lighting and Retrofits

Background (continued)

All products carry a seven (7) year warranty to 70% lumen maintenance, setting an industry-leading new standard for LED performance-driven warranties. This project will allow the City to analyze the performance of Michigan –manufactured LED components, and provide energy conservation solutions. The LED Lighting Retrofits are one of the recommended implementation of Rapid Energy Assessment Project.

Recommendation

City management recommends awarding a contract to furnish and install LED lighting to the low total bidder, Corby Energy Services, Inc of Belleville, Michigan at an estimated total cost of \$265,190.00. The award is contingent upon contractor's submission of proper insurance certificates and all other specified requirements.

In addition, staff requests additional lighting purchases be allowed through June 30, 2011 for installation at the fire stations not-to-exceed 25% of the total project cost or \$66,290.00 at unit prices contained on the bid tabulation and schedule of values.

Fund Availability

Funds are available in the Building Operations capital fund for building and improvements which will be reimbursed through the Energy Efficiency and Conservation Block Grant (EECBG) Program.



Schedule of Values
LED Lighting
Page 1 of 1

SCHEDULE OF VALUES

Your company **MUST** complete this form.

A Schedule of Values of labor rates for personnel that will be involved in the project should be included below. These rates will be used to determine costs for any additional installation services required.

RATE PER JOB CLASSIFICATION:	UNIT PRICE
ELECTRICIAN	\$ 85. ⁰⁰ /hour
GROUND MAN	\$ 75. ⁰⁰ /hour
LABORER	\$ 70. ⁰⁰ /hour
	\$ /hour
	\$ /hour
	\$ /hour
	\$ /hour
	\$ /hour
	\$ /hour
	\$ /hour
	\$ /hour
	\$ /hour
	\$ /hour
	\$ /hour
	\$ /hour

COMPANY NAME: CORBY ENERGY SERVICES, INC

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VENDOR NAME:

**	Corby Energy Services, Inc.	Electrex Company, Inc.
CHECK #:	000190989	5082539903
CHECK AMOUNT:	\$15,000.00	\$15,000.00

PROPOSAL A: LED LIGHTING AND RETROFIT INCLUDING INSTALLATION - VARIOUS LOCATIONS

ITEM	DESCRIPTION	EST QTY	UNIT PRICE MATERIAL	EXT COST MATERIAL	COMPLETE SUM INSTALLATION	UNIT PRICE MATERIAL	EXT COST MATERIAL	COMPLETE SUM INSTALLATION
1	12 Watt / LR6C	25	\$ 95.00	\$ 2,375.00	\$ 3,125.00	\$ 107.06	\$ 2,676.50	\$ 3,326.50
2	41 Watt / LWP2	28	\$ 325.00	\$ 9,100.00	\$ 11,750.00	\$ 358.28	\$ 10,031.84	\$ 11,214.84
3	64 Watt / LFL2	12	\$ 635.00	\$ 7,620.00	\$ 8,570.00	\$ 701.72	\$ 8,420.64	\$ 8,891.64
4	80 Watt / PS1	49	\$ 625.00	\$ 30,625.00	\$ 35,475.00	\$ 707.02	\$ 34,643.98	\$ 34,840.98
5	60 Watt / Custom	33	\$ 600.00	\$ 19,800.00	\$ 26,650.00	\$ 655.08	\$ 21,617.64	\$ 23,228.64
6	119 Watt / PS2	24	\$ 775.00	\$ 18,600.00	\$ 26,100.00	\$ 835.28	\$ 20,046.72	\$ 21,219.72
7	79 Watt / Custom	4	\$ 865.00	\$ 3,460.00	\$ 4,210.00	\$ 941.28	\$ 3,765.12	\$ 3,963.12
8	38 Watt / LWP1	20	\$ 325.00	\$ 6,500.00	\$ 7,500.00	\$ 357.22	\$ 7,144.40	\$ 7,999.40
9	121 Watt / Vue 250 - III	66	\$ 875.00	\$ 57,750.00	\$ 60,250.00	\$ 941.28	\$ 62,124.48	\$ 65,776.48
10	121 Watt / Vue 250 - II	33	\$ 890.00	\$ 29,370.00	\$ 30,645.00	\$ 941.28	\$ 31,062.24	\$ 32,888.24
11	8.39 Watt / LWP3	1	\$ 200.00	\$ 200.00	\$ 260.00	\$ 212.00	\$ 212.00	\$ 257.00
12	39 Watt / LFL1	1	\$ 325.00	\$ 325.00	\$ 410.00	\$ 357.22	\$ 357.22	\$ 400.22
13	245 Watt / Vue 400 - II	13	\$ 1,250.00	\$ 16,250.00	\$ 16,750.00	\$ 1,325.00	\$ 17,225.00	\$ 17,945.00
14	245 Watt / Vue 400 - III	8	\$ 1,250.00	\$ 10,000.00	\$ 10,300.00	\$ 1,325.00	\$ 10,600.00	\$ 11,045.00
15	84 Watt / Vue 150 - III	6	\$ 800.00	\$ 4,800.00	\$ 5,030.00	\$ 800.30	\$ 4,801.80	\$ 5,141.80
16	65 Watt / Vue 100 he - II	2	\$ 700.00	\$ 1,400.00	\$ 1,475.00	\$ 763.20	\$ 1,526.40	\$ 1,636.40
Est. Material & Install Total: Proposal A			\$	248,500.00	\$	249,774.98		

PROPOSAL B: LED LIGHTING - PARTS ONLY

ITEM	DESCRIPTION	EST QTY	UNIT PRICE MATERIAL	Total Cost	UNIT PRICE MATERIAL	Total Cost
17	12 Watt / LR6C	102	\$ 95.00	\$ 9,690.00	\$ 101.00	\$ 10,302.00
18	12 Watt / LR6 / SC6	20	\$ 155.00	\$ 3,100.00	\$ 73.00	\$ 1,460.00
19	12 Watt / LRP38	30	\$ 130.00	\$ 3,900.00	\$ 134.00	\$ 4,020.00
Est Total Material Cost: Proposal B			\$	16,690.00	\$	15,782.00
EST. GRAND TOTAL PROPOSALS A & B			\$	265,190.00	\$	265,556.98

CONTACT INFORMATION: Hours of Operation 24 Hr Phone #	7AM - 5PM (313) 350-2441	8:00AM - 5:00PM (586) 468-7571
	COMPLETION SCHEDULE: Can Meet Y or N	May 31, 2011 Y
SITE INSPECTION: Y or N Date	Y 1/11/2011	Y 1/11/2011
PROGRESS PAYMENT: Identified as	Monthly Progress Payments Blank	Monthly Installment Billing Blank
INSURANCE: Can Meet Cannot Meet	XX	XX
SCHEDULE OF VALUES Attached: Y or N	Y	Y

VENDOR NAME:

**	Corby Energy Services, Inc.	Electrex Company, Inc.

EXCEPTIONS:

	No Exceptions	NA
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WARRANTY:

	As Specified	
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VENDOR QUESTIONNAIRE:

Attached	Y / N	Y		Y
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TWO FORMS COMPLETED:

Legal Status	Y / N	Y		Y
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Non-Collusion	Y / N	Y		Y
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ACKNOWLEDGEMENT: Signed Y / N

		Y		Y
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ADDENDUM #1: Attached: Y / N

		Y		Y
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ATTEST:
Steven Pallotta
Diane Fisher
Julie Hamilton

**** BOLDFACE TYPE DENOTES LOW TOTAL BIDDER**

 Susan Leirstein CPPO CPPB
 Purchasing Director

VENDOR NAME:

	Rauhorn Electric, Inc.	Allied Building Service
CHECK #:	9479203979	000250360
CHECK AMOUNT:	\$15,000.00	\$15,000.00

PROPOSAL A: LED LIGHTING AND RETROFIT INCLUDING INSTALLATION - VARIOUS LOCATIONS

ITEM	DESCRIPTION	EST QTY	UNIT PRICE MATERIAL	EXT COST MATERIAL	COMPLETE SUM INSTALLATION	UNIT PRICE MATERIAL	EXT COST MATERIAL	COMPLETE SUM INSTALLATION
1	12 Watt / LR6C	25	\$ 94.00	\$ 2,350.00	\$ 3,931.38	\$ 82.95	\$ 2,073.75	\$ 4,738.00
2	41 Watt / LWP2	28	\$ 338.78	\$ 9,485.84	\$ 11,983.16	\$ 306.60	\$ 8,584.80	\$ 16,761.80
3	64 Watt / LFL2	12	\$ 688.81	\$ 8,265.72	\$ 10,898.80	\$ 618.45	\$ 7,421.40	\$ 11,204.40
4	80 Watt / PS1	49	\$ 650.18	\$ 31,858.82	\$ 37,003.60	\$ 646.80	\$ 31,693.20	\$ 40,572.00
5	60 Watt / Custom	33	\$ 618.25	\$ 20,402.25	\$ 23,763.07	\$ 576.45	\$ 19,022.85	\$ 31,528.85
6	119 Watt / PS2	24	\$ 813.32	\$ 19,519.68	\$ 24,437.58	\$ 748.65	\$ 17,967.60	\$ 29,485.00
7	79 Watt / Custom	4	\$ 900.49	\$ 3,601.96	\$ 4,362.43	\$ 831.60	\$ 3,326.40	\$ 6,654.40
8	38 Watt / LWP1	20	\$ 333.77	\$ 6,675.40	\$ 8,687.80	\$ 309.52	\$ 6,190.40	\$ 14,250.00
9	121 Watt / Vue 250 – III	66	\$ 917.41	\$ 60,549.06	\$ 77,832.48	\$ 832.65	\$ 54,954.90	\$ 90,132.90
10	121 Watt / Vue 250 – II	33	\$ 917.41	\$ 30,274.53	\$ 38,916.24	\$ 832.65	\$ 27,477.45	\$ 42,977.45
11	8.39 Watt / LWP3	1	\$ 198.95	\$ 198.95	\$ 294.56	\$ 177.45	\$ 177.45	\$ 1,581.45
12	39 Watt / LFL1	1	\$ 345.60	\$ 345.60	\$ 480.59	\$ 306.60	\$ 306.60	\$ 1,710.60
13	245 Watt / Vue 400 – II	13	\$ 1,272.33	\$ 16,540.29	\$ 20,192.71	\$ 1,178.10	\$ 15,315.30	\$ 25,364.30
14	245 Watt / Vue 400 – III	8	\$ 1,272.33	\$ 10,178.64	\$ 12,426.28	\$ 1,178.10	\$ 9,424.80	\$ 14,468.80
15	84 Watt / Vue 150 – III	6	\$ 813.13	\$ 4,878.78	\$ 6,273.50	\$ 714.14	\$ 4,284.84	\$ 8,912.84
16	65 Watt / Vue 100 he – II	2	\$ 775.05	\$ 1,550.10	\$ 1,930.63	\$ 672.00	\$ 1,344.00	\$ 3,892.00
Est. Material & Install Total: Proposal A			\$ 283,414.81			\$ 344,234.79		

PROPOSAL B: LED LIGHTING - PARTS ONLY

ITEM	DESCRIPTION	EST QTY	UNIT PRICE MATERIAL	Total Cost	UNIT PRICE MATERIAL	Total Cost
17	12 Watt / LR6C	102	\$ 90.39	\$ 9,219.78	\$ 82.95	\$ 8,460.90
18	12 Watt / LR6 / SC6	20	\$ 149.50	\$ 2,990.00	\$ 82.95	\$ 1,659.00
19	12 Watt / LRP38	30	\$ 123.33	\$ 3,699.90	\$ 114.48	\$ 3,434.40
Est Total Material Cost: Proposal B			\$ 15,909.68		\$ 13,554.30	
EST. GRAND TOTAL PROPOSALS A & B			\$ 299,324.49		\$ 357,789.09	

CONTACT INFORMATION: Hours of Operation 24 Hr Phone #	7:00AM - 5:30PM (586) 405-7774	7:00AM - 5:00PM (248) 882-2152
	May 31, 2011 45 Days After Fixture Delivery	May 31, 2011 Y
COMPLETION SCHEDULE: Can Meet Y or N	Y 1/11/2011	Y 1/11/2011
SITE INSPECTION: Y or N Date	Monthly Installments after fixture delivery Blank	
PROGRESS PAYMENT: Identified as	Monthly Invoicing based on work completed Blank	
INSURANCE: Can Meet Cannot Meet	XX	Y
SCHEDULE OF VALUES Attached: Y or N	Y	Y

VENDOR NAME:

Rauhorn Electric, Inc.

Allied Building Service

EXCEPTIONS:

Bid excludes sales tax - if required add
 additional \$14,460.00 to bid

Blank

WARRANTY:

As Specified

VENDOR QUESTIONNAIRE:

Attached Y / N

Y

Y

TWO FORMS COMPLETED:

Legal Status Y / N

Y

Y

Non-Collusion Y / N

Y

Y

ACKNOWLEDGEMENT: Signed Y / N

Y

Y

ADDENDUM #1: Attached: Y / N

Y

Y