



RESOLUTION # 16-6/10

TO: HONORABLE MEMBERS OF THE LA CROSSE COUNTY BOARD OF SUPERVISORS

ITEM # 6/10

BOARD ACTION

Adopted:
For: 27
Against: 7
Abs/Excd: 3
Vote Req: _____
Other Action: _____

EXECUTIVE COMMITTEE ACTION

Adopted:
For: 7
Against: -
Abs/Excd: 2

RE: APPROVE ACCEPTANCE OF ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT CONTRACT FOR \$219,400

WHEREAS, the American Recovery and Reinvestment Act (ARRA) created the Energy Efficiency and Conservation Block Grant program, including competitive local government grants; and,

WHEREAS, the State Department of Commerce - Office of Energy Independence has approved \$219,400 of EECBG funding for La Crosse County to assist with three energy conservation projects: \$100,000 toward Solar Hot Water for the LEC addition, \$100,000 toward Solar Hot Water for Lakeview Health Center and \$19,400 toward the conversion of Rotary Lights to Light Emitting Diodes-LED technology; and,

WHEREAS, the estimated cost for LEC addition Solar Hot Water is \$206,062, to be reduced by a Focus on Energy award of \$49,498, leaving a local match of \$56,564; and,

WHEREAS, the estimated cost for Lakeview Health Center Solar Hot Water is \$164,624, to be reduced by a Focus on Energy award of \$24,975, leaving a local match of \$39,649; and,

WHEREAS, the estimated cost of Rotary Lights conversion to LED is \$129,697, to be reduced by a Focus on Energy award of \$4,000, leaving a local match of \$106,297 from all sources including \$19,400 County matching pledge; and,

WHEREAS, Rotary Lights is a non-profit annual event produced by volunteers, soliciting food and funding for local food shelves and over 80 public service organizations during the holiday season, and the conversion to LED will reduce replacement expenses and energy costs by up to 90%, representing one of the largest community energy conservation demonstration projects in the region, while improving cost effectiveness for the benefit of those served.

NOW THEREFORE BE IT RESOLVED, that the La Crosse County Board approves acceptance of the EECBG contract for \$219,400 and authorizes the Board Chair to sign the documents upon approval of the Corporation Counsel, and that staff are directed to seek contractor bids for the two Solar Hot Water systems to present to the County Board for consideration.

BE IT FURTHER RESOLVED, that the County pledge of \$19,400 is contingent upon a matching pledge by the City of La Crosse for \$19,400 toward the Rotary Lights conversion to LED.

FISCAL NOTE: The LEC construction project allocates up to \$150,000 for Solar Hot Water, the Lakeview capital budget has funding available due to savings in the Nurse Call system bids, and the Sustainability Budget Org #6529 line 79243 budget has a total of \$25,000 available for Special Energy Project.

Date: 6-9-10

EXECUTIVE COMMITTEE CHAIR

Date: 6/9/10

RECORDING CLERK

	Reviewed Only	Recommended	Not Recommended
Co. Admin.	_____	<u>SO</u>	_____
Fin. Director	_____	<u>ET</u>	_____
Corp. Counsel	<u>WAC</u>	_____	_____
Bd. Chair	_____	_____	_____

Requested By: Steve O'Malley
Date Requested: June 2, 2010
Drafted By: Steve O'Malley

Adopted by the La Crosse County Board this 17th Day of June, 2010.

Printed by La Crosse County Post-Production Co. 10/17/09 1:25 PM

STATE OF WISCONSIN
COUNTY OF LA CROSSE

I, Ginny Dankmeyer, Deputy County Clerk of La Crosse County do hereby certify that this document is a true and correct copy of the original resolution required by law to be in my custody and which the County Board of Supervisors of La Crosse County adopted at a meeting held on the 17th day of June, 2010.

Ginny Dankmeyer, La Crosse Deputy County Clerk

Background: Energy Efficiency and Conservation Block Grant (EECBG)

Funding Approved of \$219,400 State Department of Commerce - Office of Energy Independence

The American Recovery and Reinvestment Act (ARRA) created the Energy Efficiency and Conservation Block Grant program. Some cities and Counties were entitled to specific amounts. The ten largest Counties received direct allocations, La Crosse County did not.

A part of the EECBG program permitted Wisconsin Counties to compete for total grants of up to \$225,000 each. La Crosse County was one of only 15 Wisconsin Counties that received approval in the competitive process, in addition to the 10 largest counties. Only 7 received the maximum amount of \$225,000.

County policy permits staff to apply for grants without prior approval by the County Board. The County Administrator formed a work group to brainstorm ideas to compete for the funding. Our goal was to leverage more than the amount of the grant – so the Department of Commerce might be more likely to approve the application since the funding would go farther. The resulting grant of \$219,400, would leverage \$78,473 of Focus Reward and a total of \$202,510 for a Total Budget of \$500,383.

	Local Match	Focus Reward	EECBG Grant		Total
LEC Solar HW	\$56,564	\$49,498	\$100,000		\$206,062
Lakeview Solar HW	\$39,649	\$24,975	\$100,000		\$164,624
Rotary Lights conversion to LED	\$106,297	\$4,000	\$19,400		\$129,697
Total	\$202,510	\$78,473	\$219,400		\$500,383
Percentage	40.47%	15.68%	43.85%		100%

Solar Hot Water systems: Details known at this time, subject to revision, bidding and action by County Board Numbers and specifications subject to change with the bidding process this summer, planning for construction & installation this fall. Cost variables include: # of collectors, length of piping, storage tanks etc.

LEC System 32 4X10 Collectors

- \$100,000 Grant, \$49,498 from Focus on Energy Reward and \$56,564 from County
- Estimated Payback about 10 years after the grant funding
- County Board had set aside up to \$150k for this project, but delayed project approval because of questions about the design, system location and payback. Original bid no longer valid.
- Plan to revise Design and Specifications, seek new bids along with the Lakeview system to hopefully get the best pricing and possibly have the same firm install both.
- Will save money in the LEC construction budget and on-going operations cost for the Jail (showers, laundry, cooking etc.)

Lakeview 16 4X10 Collectors

- \$100,000 Grant, \$24,975 from Focus on Energy Reward and \$39,649 from County
- Estimated Payback with grant funding is almost immediate, since most of the estimated County match is for roof repair that would have to happen at some point anyway. However, design team is reconsidering potential ground rack for use in both the laundry building and main facility.
- Need to Design and determine system location on the building, or possibly a ground rack
- Not budgeted, but expect there is sufficient funding in the Lakeview Capital Budget in savings from other projects for 2010.

- System will save Lakeview operating costs, benefiting La Crosse County taxpayers and the members of Mississippi Valley Health Services. [The 12 county members in addition to La Crosse are: Monroe, Vernon, Crawford, Richland, Sauk, Chippewa, Juneau, Rock, Marinette, Trempealeau, Outagamie and Winnebago.]

There are numerous community benefits of the Rotary Lights conversion:

- Energy Savings, Public Education and Tourism This project will demonstrate energy efficiency on a grand scale, exemplifying our community commitment to sustainability for the estimated 200,000 visitors each year that come to view the 2.6 million Rotary Lights display in Riverside Park in downtown La Crosse. This project will save an estimated 80%-90% of the \$7,000 annual energy cost of the display, demonstrating the benefits of energy efficient lighting choices for homes, businesses, and holiday displays
- Improved Cost Effectiveness of Rotary Lights fund raising for the benefit of local non-profits The Rotary Lights display acts as a catalyst to raise over \$130,000 per year for more than 80 local service organizations, and over 200,000 items for local food shelves . LED lighting is more durable than incandescent, so this conversion will reduced the countless volunteer hours to repair light strings, while saving energy costs at the same time. Reducing costs of presenting the display can mean more resources available for the benefiting agencies.
- Collaboration between public sector and the community The grant application proposed using the grant as the first “seed money” to complete the entire conversion, which is estimated to cost approximately \$130,000. Roughly ½ the lights will be converted in the first year, and the remaining will be purchased for installation next year – achieving the entire change over two seasons to minimize waste. The proposal asks the County Board to match the grant with a one time contribution of \$19,400 (already budgeted) contingent upon asking the City to match the same amount . When combined with annual lighting replacement expense, this leaves less than ½ the total cost for Rotary Lights to raise from the community. By leveraging this initial federal grant, combined with a match by the County, City and community, Rotary Lights can lead the way in demonstrating energy conservation on a large scale and at the same time preserve a community tradition for years into the future.

Rotary Lights Conversion to LED (Light Emitting Diode Bulbs)

Office of Energy Independence Requirement: All must Be Purchased by December 31, 2010

Estimated Project Cost is \$129,697 Grant: \$19,400 County \$19,400 Focus Reward: \$4,000

	Bulb Qty	Unit Price	Grand Total
Tower Tree 5000 LED Lights	5000	\$ 1.20	\$ 6,000
Drive Through Tunnel	3500	\$ 1.20	\$ 4,200
Replacement of Tree Lights	6400	\$ 17.25	\$ 110,400
Additional LED Rope Lights			\$ 9,097
			\$ 129,697

Project Goal	<u>\$129,697</u>		
Community Fundraising Local Match	\$ 57,497	}	44%
Annual Lights Replacement	\$ 10,000		
<i>City of La Crosse Match Request</i>	\$ 19,400	}	\$ 72,200
Focus Reward	\$ 4,000		
La Crosse County Pledge	\$ 19,400		
Grant by Office of Energy Independence	\$ 19,400	}	56%
			Community Fundraising
			Approx. Budget for Replacement
			City Council would need to approve
			Focus Reward
			County Pledge Budgeted, Needs Board Approval
			Grant Contract to be Finalized

Why Rotary Lights?

- Largest Community Lighting Project for demonstrating energy efficiency
- Over 80 Public Service Organizations benefit, including local food shelves = \$130,000 raised and over 200,000 food items collected each year.
- County has never contributed directly to Rotary Lights, though County programs & clients benefit from the public service work of all the non-profit organizations including the food shelves. Also, County employees have donated time, raised money and collected food for Rotary Lights.

June 9, 2010