

EXECUTIVE SUMMARY

To: Jim Scholl, City Manager

cc: Shawn Smith, City Attorney
David Fernandez, Asst. City Manager
Jim Fitton, Director / Port & Transit

FROM: Myra Wittenberg, Manager / KWDoT

DATE: July 21, 2011



Myra Wittenberg

ACTION STATEMENT:

This is a request for approval to award ITB #11-011 - Light Fixtures for Park N Ride - in the amount of \$ 54,796.00 to LED Lighting Solutions, LLC, for the purchase of replacement light fixtures, to be installed and used at Park N Ride.

PROJECT HISTORY:

Resolution No. 08-067 approved March 4, 2008, directed city staff to reduce municipal operational greenhouse gases (includes carbon emissions) by 15% by the year 2015. Replacing exterior facility lighting with LED technology will significantly contribute to this reduction.

Replacing existing light fixtures which have begun to fail over the past two (2) to three (3) year period will provide an annual cost savings over our current lighting system, reduce the annual KWH usage and reduce the annual carbon footprint or greenhouse gases, all at the same time. These reductions will not only provide a cost savings to the City, but allow the City of Key West to meet goals set and the Park N Ride Lot to become a more environmentally responsible facility.

There were a total of six (6) bids received and opened on May 25, 2011, at 3:00 pm, in the City Clerk's Office. City staff members from KWDoT, Engineering, and Community Services met in an effort to compile and review the bid data received by the Clerk's Office as part of the bid response process.

Attached for your review and use is a bid summary that organizes all information collected from the bid documents in a consistent manner and in accordance with the information that was requested in the bid specification package.

Based on the total savings over the life of the fixtures; and substantial reductions in carbon footprint and kilowatt hour usage, the Key West Department of Transportation staff recommend LED Lighting Solutions, LLC be awarded the bid.

While Creative Lighting has the lowest, initial cost by price, the most responsive bidder who has the lowest cost based upon all elements in the ITB is LED Lighting Solutions, LLC. This vendor reduces the greenhouse gases to the greatest extent (24%) and reduces the electricity used each month the most. After the sixth year, LED Lighting Solutions will save the City an additional \$2,700 in annual energy costs over what Creative Lighting would cost.

OPTION #1:

Option #1 would see the City approve the resolution requested and award the bid to LED Lighting Solutions, LLC, in the amount of \$ 54,796.00 to proceed with replacing the light fixtures at Park N Ride.

Advantages

The biggest advantage to this option is the reduction of greenhouse gases and electricity used monthly at that facility. Thereby assisting the City of Key West in meeting the goal set for 15% reduction of greenhouse gases by 2015, to all municipal operational facilities.

Disadvantages

There are no disadvantages to awarding this bid to LED Lighting Solutions, LLC.

Financial Impact

This project was approved and budgeted at \$98,580, so many of the bids received are well within the budgeted amount. It should be noted that if the award is approved as recommended by KWDoT staff, it will save the City \$43,784. This does not include a minimal cost that may be paid to the City's FMT division for installation - should that be required.

OPTION #2:

Option #2 would see the City not approve this bid award; and reject all bids received and forgo any improvement to the lighting system at the Park N Ride.

Advantages

The advantage to this option would be that the City would not spend any of the \$98,580 budgeted at this time.

Disadvantages

The disadvantage to this option is that the current light fixtures have begun to fail, will continue to deteriorate and break as they continue to age out which will inevitably cause potentially hazardous and liable situations for the City. At some point there will be no other alternative but to replace the light fixtures at the Park N Ride.

Fiscal Impact

The fiscal impact to this option is a minimum of \$8,650.82 per year in maintenance expenses to the City for repair of the existing light fixtures, plus the added cost of higher electricity each month.

RECOMMENDATION

KWDoT staff recommends the bid be awarded to LED Lighting Solutions, LLC.

RL/mhw

Attachments

File: 7-21-2011_Executive Summary_Park N Ride Light Fixtures_JF