



TO: Honorable Mayor & Members of the
Fort Lauderdale City Commission

FROM: Lee Feldman, ICMA-CM, City Manager

DATE: April 16, 2013

TITLE: Motion to approve the purchase of solar lighting – Palm Beach County
contract 10072A - \$233,837

Recommendation

It is recommended that the City Commission approve the purchase of solar lighting to the lowest cost responsive and responsible bidder, Hunter-Knepshield Company, utilizing the Palm Beach County Contract 10072A in the amount of \$233,837.

Background

The Department of Energy awarded the City of Fort Lauderdale \$2,036,400 in 2009 through the Energy Efficiency and Conservation Block Grant. The goal of this grant was to foster the use of innovative technology that would reduce energy consumption, demonstrate conservation strategies, and reduce operational expenses. The City has allocated a portion of these funds to purchase fifty-nine (59) solar powered pathway lights. The solar lights will be utilized as an alternative to traditional pathway lighting in parks and other pedestrian scale amenities throughout the City. This technology eliminates the need for electrical infrastructure, making installation less costly. It is important to recognize the non-monetary benefits this project will bring to the community in terms of demonstrating a real world application for renewable energy. The purchase of the lights does not include installation due to time constraints (grant deadline of June 26, 2013) revolving around the City's Energy Efficiency and Conservation Block Grant from the Department of Energy. Installation of the units will be done by the forthcoming energy performance contractor in part as well as City staff as resources become available.

Several lighting manufacturers were examined through this process with regard to performance, cost, Buy American certified, and ultimately meeting the 2012 update to the Florida Building Code Broward edition for wind load (156 miles per hour) rating for monopole structures.

Resource Impact

There will be a fiscal impact to the City in the amount of \$233,837.

FUNDS AVAILABILITY LOCATION:

| FY | FUND | SUB FUND | FUND NAME | INDEX # | INDEX NAME | SUB OBJ # | SUBJECT NAME | AMOUNT |
|--------------|------|----------|--|-----------|---|-----------|-----------------|--------------|
| 2013 | 128 | 01 | American Recovery & Reinvestment Grant | GEECBG09E | Energy Efficiency & Conservation Retrofit | 6499 | Other Equipment | \$233,837.00 |
| TOTAL | | | | | | | | \$233,837.00 |

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