

Board of County Commissioners

Agenda Request

Date of Meeting: February 3, 2009

Date Submitted: January 27, 2009

To: Honorable Chairman and Members of the Board

From: Commissioner Brock

Subject: Retro Fitting County Building Lights with LED Lights

Statement of Issue:

This agenda item requests Board approval to direct staff to review the information regarding a plan to retro fit our lights fixtures at little to no cost to the BOCC and bring it back before the board for further action and more details regarding the contractual obligations. LED lights are better for the environment and can save the County money.

Background:

Energy Smart Industry (www.energysmartindustry.com) is committed to helping the environment by offering the latest in LED lighting technology. With high efficiency and extremely low maintenance costs, LEDs offer a very real and suitable alternative to halogen and incandescent globes. The benefits of using LEDs include:

- No toxic substances such as mercury
- Long lifespan of between 40,000 - 80,000 hours
- Higher efficiency than incandescent or halogens lamps
- Typically safe low voltage operation
- Minimal heat production (always below 60°C)
- Instant start up
- Performance is not effected by frequent switching
- Hardy and safe – no breakable or dangerous parts such as glass
- Predictable failure mode – LEDs' failure mode is characterized by dimming rather than a sudden stop in operation.

Energy Smart Industry has a program for county and municipal government to retrofit old lighting fixtures and replace them with LED lights. They do this for no upfront cost from the county government. LED lights use less electricity and save the county money. Energy Smart Industry would take half of the savings from the energy bill until they have covered the cost of their installation. This would instantly increase county revenue, and allow us an affordable way to retrofit our buildings.

Analysis:

Energy Smart Industry has a program for county and municipal government to retrofit old lighting fixtures and replace them with LED lights. They do this for no upfront cost from the county government. LED lights use less electricity and save the county money. Energy Smart Industry would take half of the savings from the energy bill until they have covered the cost of their installation. This would instantly increase county revenue, and allow us an affordable way to retrofit our buildings.

Options:

1. Direct staff to gather further information regarding this service provider and bring it back before the board for further action and more details regarding the contractual obligations.
2. Do not direct staff to gather further information.
3. Board direction.

Recommendation:

Option #1

Attachments:

1. Energy Smart Industry Brochure