

**MINUTES OF MEETING
GRAND HAVEN
COMMUNITY DEVELOPMENT DISTRICT**

A Continued Regular Meeting of the Grand Haven Community Development District's Board of Supervisors was held on **Thursday, September 17, 2015** in the **Grand Haven Room, Grand Haven Village Center, 2001 Waterside Parkway, Palm Coast, Florida 32137** at **10:00 a.m.**

Present at the meeting were:

Dr. Stephen Davidson	Chair
Peter Chiodo (<i>via telephone</i>)	Vice Chair
Marie Gaeta	Assistant Secretary
Tom Lawrence	Assistant Secretary
Ray Smith	Assistant Secretary

Also present were:

Rick Woodville	Wrathell, Hunt and Associates, LLC
Scott Clark	District Counsel
Barry Kloptosky	Field Operations Manager
Robert Ross	Vesta/AMG
Mark Rohrbeck	Celera IT Services, Inc.
Mark Lutcza	NexStar Electrical Contractors, LLC
Ashley Higgins	Grand Haven CDD Office
Andrea Knox	Escalante Golf
Jim Gallo	Resident
Ron Merlo	Resident
Rob Carlton	Resident
Gary Noble	Resident
Vic Natiello	Resident

FIRST ORDER OF BUSINESS

CALL TO ORDER/ROLL CALL

Mr. Woodville called the meeting to order at 10:03 a.m., and noted, for the record, that Supervisors Davidson, Gaeta, Lawrence and Smith were present, in person. Supervisor Chiodo was not present at roll call.

SECOND ORDER OF BUSINESS

PLEDGE OF ALLEGIANCE

All present recited the Pledge of Allegiance.

THIRD ORDER OF BUSINESS

PUBLIC COMMENTS (3-Minute Rule; Non-Agenda Items)

There being no public comments, the next item followed.

FOURTH ORDER OF BUSINESS

STAFF REPORTS

A. District Engineer

There being no report, the next item followed.

B. Amenity Manager

There being no report, the next item followed.

C. Field/Operations Manager

There being no report, the next item followed.

D. District Counsel

There being no report, the next item followed.

E. District Manager

i. Upcoming Community Workshop/Regular Meeting Dates

- o **COMMUNITY WORKSHOP**
 - **October 1, 2015 at 10:00 A.M.**
- o **BOARD OF SUPERVISORS REGULAR MEETING**
 - **October 15, 2015 at 10:00 A.M.**

The next workshop will be held on October 1, 2015 at 10:00 a.m., at this location, and the next regular meeting will be held on October 15, 2015 at 10:00 a.m., at this location.

FIFTH ORDER OF BUSINESS

BUSINESS ITEMS

A. Consideration of/Decision on: Proposals for LED Streetlights

- i. Eco Energy [\$120,729.31]**
- ii. Green Performance Systems [\$243,041]**
- iii. NexStar Electrical Contractors, LLC [\$104,729.00]**

Mr. Kloptosky presented the proposals for LED streetlights, which ranged from \$243,041 to \$104,729. He recommended NexStar Electrical Contractors, LLC, (NexStar), at the last meeting.

Mr. Kloptosky recalled the Board's questions from the last meeting. He indicated that three sizes of bulbs would be required; in today's prices, the 100 watt bulbs are \$155 each, 175 watt bulbs are \$225 each and 250 watt bulbs cost \$298 each.

Mr. Mark Lutcza, of NexStar, advised that the bulb manufacturer agreed to extend the bulb warranty from five to ten years. He confirmed that the quality of light with LED bulbs would be exactly the same as the current lighting. Mr. Lutcza explained that the 100 watt bulb referred to by Mr. Kloptosky equates to a 20 watt LED light, and likewise for the other sized bulbs.

Mr. Lutcza stated that the lifespan of a bulb would be approximately 50,000 hours, which equates to about 11 years, presuming the streetlights are on 12 hours per day.

Mr. Lutcza was unsure why another contractor recommended installation of lighting arresters for lightning, as all of the meters and each streetlight are grounded through the conduit and underground.

Mr. Kloptosky distributed a copy of the manufacturer's warranty.

In response to Supervisor Gaeta's question, Mr. Lutcza confirmed that the bulbs in the test strip are 80 watt LED, which equates to 250 watt.

Mr. Woodville noted that the cost of the fixtures was more than double in the highest proposal, compared to the lowest proposal, and asked if the quality of the fixtures were different. Mr. Kloptosky believed that the highest proposal included unnecessary items.

Mr. Woodville asked about the lifespan of the fixtures. Mr. Lutcza indicated that new fixtures would not be installed; they would bypass the ballast and, once rewired, the LED bulb would be inserted into the current light socket.

Supervisor Gaeta asked why some streetlights required different wattage. Mr. Kloptosky stated that it was related to the height of the pole; shorter poles require lower wattage than taller poles. Supervisor Gaeta observed no difference between LED and regular streetlights.

Supervisor Lawrence recalled that Mr. Lutcza estimated 11 years as the lifespan of an LED and asked about the likelihood that all of the bulbs would require replacement at the same time. Mr. Lutcza stated that the bulbs could last longer; however, temperature could impact the lifespan. Supervisor Lawrence asked Mr. Lutcza if he had sufficient experience with LED streetlights and, in his experience, how long the bulbs would last. Mr. Lutcza believed that the bulbs would last at least 11 years.

******Supervisor Chiodo joined the meeting, via telephone, at 10:14 a.m.******

Mr. Kloptosky referred to Item 5.B.vi., and advised that he delayed drafting an e-blast to the community because he wanted additional input from the Board, as some Board Members were concerned about drawing attention to something that might not be noticeable.

Supervisor Davidson thought that the purpose of the e-blast was to discuss the cost savings by converting to LED bulbs.

Supervisor Davidson asked if there was a Kelvin rating for color and color warmth on both metal halide and LED lights and whether they were close. Mr. Lutcza replied yes, LED bulbs will have the same Kelvin rating as the metal halide bulbs that are being replaced. Mr. Lutcza pointed out that the color will remain the same for the lifespan of the LED bulbs, while metal halide bulbs begin to change color as they age.

Supervisor Gaeta reiterated that she did not observe a difference between the current streetlights and the LED test strip. Mr. Lawrence researched LED lights online and found no complaints; he felt it would be a “transparent” change. Supervisor Gaeta pointed out that the City of Palm Coast is converting to LED lighting. Supervisor Davidson asked what country the bulbs are made in. Mr. Lutcza indicated that the bulbs are manufactured in China. Given the ten-year warranty, Supervisor Smith had no objections to converting to LED streetlights.

Supervisor Davidson asked if this project was included on the Fiscal Year 2016 CIP projects. Mr. Kloptosky replied affirmatively. In response to a question, Mr. Lutcza advised that the lead time on the project would be three to four weeks. Mr. Kloptosky pointed out that, if approved, a deposit would be required, immediately, which could result in a portion being a Fiscal Year 2015 expenditure. Supervisor Davidson suggested waiting two weeks to pay the deposit. Mr. Woodville noted that each proposal required a 50% deposit.

Mr. Woodville reiterated the question regarding the likelihood that all of the LED bulbs would require replacement at the same time. Mr. Lutcza indicated that he has installed LED lights in residential homes for the past three years and estimated that, of the 600 to 800 installed, he has replaced about ten.

Regarding the warranty, Mr. Lutcza confirmed that it is from the bulb supplier.

On MOTION by Supervisor Davidson and seconded by Supervisor Gaeta, with all in favor, the NexStar Electrical Contractors, LLC, proposal, in a not-to-exceed amount of \$104,729, was approved.

B. Discussion: Items to Consider Regarding LED Streetlights

- i. LED Bulb Replacement Cost**
- ii. Warranty on Bulbs**
- iii. Lighting Quality**
- iv. Life of Bulbs, if all replaced at once**
- v. Lighting Arresters (for Lightning Strikes)**
- vi. Draft E-blast Regarding LED Street Lighting Program**

These items were discussed during Item 5.A.

SIXTH ORDER OF BUSINESS

SUPERVISORS' REQUESTS

There being no Supervisors' requests, the next item followed.

SEVENTH ORDER OF BUSINESS

ADJOURNMENT

There being no further business to discuss, the meeting adjourned.

<p>On MOTION by Supervisor Lawrence and seconded by Supervisor Gaeta, with all in favor, the meeting adjourned at 10:23 a.m.</p>

Secretary/Assistant Secretary

Chair/Vice Chair