



VILLAGE OF KEY BISCAYNE YOUTH ATHLETICS ADVISORY BOARD

Glen Waldman, Chair

Victor Balestra
Gonzalo Cortabarría
Kenneth Coto

Cesar Elizondo
Florencia Manero
Paul Zuccarini

June 5, 2018

Dear Ms. Mayor Lindsay and Council Members:

I write to you again in my capacity as Chairman of the Youth Athletic Advisory Board, (which will soon be the Village Athletic Advisory Board) to share with you two items of importance to the Board for your consideration; treatment of MAST students who participate in our sports, and lighting for the KBCS courts and field.

First, when I last came before you back in March, we shared with you a proposal from the YAAB to generate additional revenue by raising the fee for off-island sports participants. It is my understanding that subsequently the Council approved and adopted our recommendation. However, the one variable in our discussion was how we were going to treat students at MAST and whether we were going to treat them the same as other off-island participants, or owing to the relationship between the Village and MAST, we were not going to impose the additional cost to MAST students. We revisited this issue at our last meeting on Wednesday May 9, (as we understand there was no clear instruction on this issue when the Council adopted our recommendation) and strongly recommend, based on a unanimous vote of the Board, that MAST students be treated like those who reside on Key Biscayne and not be subject to the additional fee. Regardless, we would greatly appreciate your guidance on this issue at your first opportunity in time to implement for the coming late summer/fall seasons.

Second, we are aware of the fact that notwithstanding our well received proposal to build a structure over the courts at KBCS, for various reasons, including but not limited to the loss of Crandon for use for our baseball program, the decision has been made to not proceed with the overhanging structure. That said, and further recognizing the imminent loss of Crandon Park, putting lights at the KBCS becomes even more imperative and is something that we believe needs the attention of the Council at its first opportunity. The YAAB voted unanimously to seek your approval to proceed with this project with all dispatch. I have attached the latest quotes from Musco Lighting, secured by Todd, for the cost of implementing same. If approved this will not only benefit our baseball program but also numerous other sports, which will need the field space after dark as well. Finally, it is our understanding that certain impediments that may have existed in the past, which could have made implementation difficult, no longer exist.

On behalf of the entire YAAB, we thank you for your consideration of the above and we are available at your convenience to discuss further, should you deem it helpful. Likewise, we

Village of Key Biscayne Parks & Recreation Department
Todd Hofferberth, Director

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will attend the appropriate meeting(s) in June, as necessary in order to further the lighting initiative.

Very truly yours,

Glen H. Waldman

Enclosures

cc: Youth Athletic Advisory Board Members
Todd Hofferberth

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May 14, 2018

Todd Hofferberth
Village of Key Biscayne

Re: Key Biscayne Community School - Sports Lighting

Thank you for your interest in Musco's TLC for LED Technology. We are pleased to present this information for your preliminary planning purposes. This estimate outlines the benefits, products, and services Musco would provide.

This estimate includes lighting equipment, installation and underground wiring. Musco will provide our LED – engineered from foundation-to-poletop in 5 Easy Pieces™ – and Control-Link® systems. Musco will also provide offloading, assembly and installation of the Musco equipment, installation of branch circuits from main disconnect panel to each pole location and installation of the main disconnect panel by a licensed electrical contractor.

Key Biscayne Community SchoolLED

- **Basketball Only: estimate your lighting project will cost**
.....\$110,000 - \$130,000.

- **Basketball & Baseball: estimate your lighting project will cost**
.....\$315,000 - \$350,000.

Pricing is based on January 2017 pricing and is subject to change.

Budget Estimate Criteria

- Key Biscayne Community School-Structural code and wind speed = 2014 FBC, HVHZ, 186MPH – Public School
 - Field size of 200' Radius for (1) softball field
 - Guaranteed light levels of 50/30 foot-candles
 - Field size of 75' by 42' for (2) basketball courts
 - Guaranteed light levels of 25 foot-candles
- Confirmation of voltage and phase prior to shipment
- Musco is a lighting manufacturer and not an electrical contractor. Installation estimates are based upon projects similar in scope.
- Getting electrical power to the site, coordination with the utility, and any power company fees are responsibility of the owner.
- Standard soil conditions. Rock, bottomless, wet or unsuitable soil may require additional engineering, special installation methods and additional cost.

Lighting . . . We Make It Happen.

Scope of work includes:

Owner Responsibilities:

1. Provide total access to the site and pole locations for construction. Equipment must be able to move from location to location on standard rubber tires – no towing required.
2. Survey in pole locations and aiming points (one per field) for sighting in lighting cross-arms. Final grade elevations will also need to be marked if necessary.
3. Remove any trees, limbs, shrubs, etc. for total access to pole locations.
4. Removal, replacement, and repair of all fencing necessary for construction.
5. Repair and replacement of any field turf, asphalt, curbs, and concrete inadvertently damaged during installation.
6. Provide area on site for disposal of spoils from foundation excavation.
7. Locate and mark existing underground utilities not covered by “One Call” and irrigation systems including sprinkler heads prior to excavation. Musco or Subcontractor will not be responsible for repairs to unmarked utilities.
8. Pay for all permitting costs.
9. Pay for any power company fees and requirements.
10. Additional charges will apply for foundation excavation and construction in non-standard soils (rock, caliche, high water table, collapsing holes, alluvial soils, etc.). Standard soils are defined as Class 5 soils in the 2010 edition of the Florida Building Code and can be excavated using standard earth auguring equipment.
11. Provide a source of water such as a fire hydrant or 2” water line for foundation excavation.
12. Provide primary transformer to within 150 feet of site.

Musco Responsibilities/ Musco Subcontractor Responsibilities:

1. Provide required poles, fixtures, foundations, and associated designs.
2. Provide electrical design by electrical engineer.
3. Provide structural design for poles and foundations, certified by a professional engineer licensed in the State of Florida.
4. Provide layout of pole locations and aiming diagram.
5. Provide light test upon completion of works once owner supplied electrical system is energized.
6. Provide Project Management assistance as needed.
7. Provide review of electrical design as provided by Electrical Contractor or Electrical Engineer.
8. Provide equipment and materials to off load equipment at jobsite per scheduled delivery.
9. Provide storage containers for material, including ballast enclosures, as necessary.
10. Provide adequate trash container for cardboard waste and packing debris.
11. Provide adequate security to protect Musco delivered products from theft, vandalism or damage during the installation.
12. Obtain required permits, owner to pay all costs. Subcontractor to advise Musco of costs to subcontractor, if any, before proceeding with permitting.
13. Provide materials and equipment to install or upgrade existing electrical service panels as required or necessary. This needs to be defined in the electrical design.
14. Provide materials and equipment to install all underground conduit, wiring, pull boxes, switchgear, etc. and terminate wiring as required per electrical design.
15. Make appropriate contact to ensure utility locations have been marked prior to excavation and trenching. Repair any damage to existing utilities made during construction.

16. Provide materials and equipment to install Light Structure System foundations as specified on Layout.
17. Remove augured spoils to owner-designated location at jobsite.
18. Provide materials and equipment to assemble and install LED fixtures and terminate all necessary wiring.
19. Provide equipment and materials to assemble and erect Light Structure System Poles.
20. Verify aiming points have been located and are correct before sighting in lighting cross-arms.
21. Provide equipment and materials to install the new Controls and Monitoring Cabinet(s) and terminate all necessary wiring. Installation of Musco supplied surge protection required. Subcontractor to commission Control Link once system is energized.
22. Provide dedicated breaker in distribution panel for surge protection device.
23. Keep all heavy equipment off of playing fields and surfaces whenever possible. Use due care to minimize damages when playing surface access is required.
24. Conduct system startup and additional aiming as required to provide a complete and operating sports lighting system.

Thank you for considering Musco for your sports-lighting needs. We look forward to helping you make your project a success. Please contact me with any questions.



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