




MEMORANDUM

Date: June 8, 2023

To: Honorable Mayor and Commissioners

Via: Albert P. Childress
City Manager 

From: Gary Volenec, P.E.
Engineering Director

Subject: **Greene Street Streetlight Replacement Project**

Introduction

Approve the purchase of 6 streetlights from Raybro/CED- Key West to replace existing streetlights along Greene Street that have been out of service for over 12 months. Approve a purchasing exemption *In the Best Interest of the City* to exempt this procurement from the competitive bid requirements per Key West City Code 2-797(4)b.

Background

During the last year the lights on the existing streetlight poles along Greene Street were reported to not be functioning. The existing streetlights utilize old concrete poles that are no longer utilized in the Historic District. The Engineering Department and Community Services visited the site to investigate the situation, and following testing, it was determined that the electrical service feeding the streetlights had failed, and the buried electrical conduits could not be reused. The nearest connection point to provide a new meter and install new underground conduit to furnish electrical service was determined to be mid-block of Telegraph Lane and would require cutting, removing, and replacing over 400 LF of sidewalk. Additionally, the portion of sidewalk that would be impacted along Greene Street is constructed of brick.

The Engineering Department investigated alternatives and identified a unique system that uses a solar panel wrapped pole and historical base and light fixture configuration that would not require any underground service nor sidewalk reconstruction. The purchase of these streetlights would allow the City to test out a

new solar powered technology while saving construction funds that would be required to install new underground conduits to furnish electrical service.

To justify the purchasing exemption *In the Best Interest of the City*, the following items were considered:

- Provides cost effective solution to streetlight replacement
- No underground excavation or sidewalk demolition/replacement is required.
- Utilizes historical style fixtures approved by HARC (LA Jolla-Beacon)
- Delivers the timeliest solution to the streetlight outage
- Incorporates unique solar technology that is not available elsewhere
- Allows the City to “test” a new technology that saves energy while delivering flexible control of light output and time of operation.

Procurement

The contract amount will be funded by using Infrastructure and Reserves transferred to the Gas Tax fund from 101-1900-519-9803 to 102-4101-541-6300.

Recommendation

The City Manager’s Office recommends approving the purchase of 6 streetlights to replace existing streetlights along Greene Street in the amount of \$77,921.61. Allow City Manager to execute the purchase and any necessary budget transfers upon consent of the City Attorney, and approve a purchasing exemption *In the Best Interest of the City* to exempt this procurement from the competitive bid requirements per Key West City Code 2-797(4)b.