

MEMORANDUM

March 10, 2021

TO: City Commission

CC: Greg Harrison, City Manager
Suzette Sibble, Assistant City Manager
Brian Donovan, Assistant City Manager
Earl Bosworth, Assistant City Manager

FROM: Horacio Danovich, GO Bond and Innovation District Director



Issue

Staff is seeking City Commission approval of a Resolution to execute a Pompano Beach Cresthaven New Lights Agreement LT-1 with the Florida Power and Light (FPL) (see Exhibits A-B). These agreements require the City to contribute \$1,033,793.41 (\$142,318.00 + \$318,348.19 + \$315,881.43 + \$257,245.79) respectively (see Invoices Coupons 1-4). The contributions will offset costs of installation of required cables and supporting equipment to convert existing sodium halide fixtures in Cresthaven to LED-based light fixtures.

Recommendation

Staff recommends Approval of the Resolution.

Background

The GO Bond had set aside funds to convert light fixtures in Collier City from sodium halide to LED. Subsequently, staff recognized the possibility of shifting funds to conduct similar conversion efforts in other parts of the City. The City Commission approved a modification to the GO Bond authorizing the appropriation of funds that would allow the conversion of light fixtures in certain neighborhoods.

Staff engaged an electrical engineering professional to work with FPL and prepare layout and design plans for each neighborhood. The City's consultant surveyed designated areas including Collier City, Liberty Park, Old Pompano, Cresthaven (including Leisureville and Kendall Lakes) and the Highlands. Upon completing the surveys, the professional identified the need to replace existing fixtures and supplement coverage by adding new LED lights.



CITY MANAGER'S OFFICE

Horacio Danovich, GO Bond & Innovation District Director

E: horacio.danovich@copbfl.com | P: 954.786.7834 | F: 954.786.7836

Cresthaven, the subject of this Resolution, will receive 794 new light fixtures (Memphis Teardrop) combined (See Sketches 1-4). The Memphis were previously selected for Collier City and Liberty Park and will continue to be used throughout the City. Such approach will add consistency and give the neighborhoods an enhanced appearance. In Cresthaven, the project will also result in the removal of 205 old sodium halide fixtures.

Upon concluding this conversion program in Cresthaven, coverage provided will be no less than 0.25 foot-candles over the entire project area. The foot-candles coverage is consistent with City's standards and the minimum recommended by the Institute of Transportation Engineers (ITE) for roadway and pedestrian areas.

FPL and one of the entity's contractors will conduct the work, which is expected to take approximately 8 months to complete. Staff recommends approval.