



**CITY OF FORT LAUDERDALE
City Commission Agenda Memo
REGULAR MEETING**

#22- 0223

TO: Honorable Mayor & Members of the
Fort Lauderdale City Commission

FROM: Chris Lagerbloom, ICMA-CM, City Manager

DATE: March 1, 2022

TITLE: Resolution Approving an Agreement with Florida Power and Light
Company in the Melrose Park Neighborhood - \$626,839 - **(Commission
District 3)**

Recommendation

Staff recommends the City Commission adopt a resolution authorizing the City Manager to execute an agreement between the Florida Power and Light Company (FPL) and the City of Fort Lauderdale (City), in substantially the form attached, for the installation of new light-emitting diode (LED) streetlighting in the Melrose Park Neighborhood, in the amount of \$626,839.

Background

The Melrose Park Neighborhood does not have streetlighting to increase nighttime visibility. Increased visibility will assist drivers, pedestrians, bicyclists, and law enforcement in navigating the unique neighborhood streets. An interest survey was mailed to the community in September 2016. Of the 1961 total mailings sent out, 454 (23%) responses were returned, with 376 (81%) in favor of lighting, 83 (18%) not in favor of lighting, and 4 indicating no preference. Community members are supportive of this action and provided positive feedback during a July 28, 2021, community meeting with more than 100 residents where the tentative plan was presented (see briefing slides, Exhibit 4).

City staff and the City consultant worked with FPL on surveys and designs for implementing this streetlighting project. To minimize construction related impacts, provide storm resiliency, and maintain pleasing esthetics, the project will utilize underground horizontal directional drilling (HDD) to place the necessary conduit for wires underground. The overall underground conduit length is 88,274 feet will be installed by directional boring.

The completed neighborhood lighting design identified 720 new lights using Cree 42w, 5000 lumen 4000k LED lights, mounted on 30-foot concrete poles with 8-foot aluminum arms. All the poles will be placed in the existing City right-of-way and offset about 6-feet from the edge of the paved roadway.

A LED Lighting Agreement with FPL and Contribution in Aid of Construction (CIAC) in the amount of \$626,839 for construction is required. A deposit of \$7,200 for initial engineering services was already provided to FPL. The monthly cost to operate and maintain the lights will be \$16,531 based upon the current FPL tariff and may be adjusted subject to review and approval by the Florida Public Service Commission (FPSC). FPL will complete all installation work. The City is responsible for restoration.

Resource Impact

There is a fiscal impact to the City in the amount of \$626,839 for the installation of the streetlights and approximately \$125,000 for in-house project management fees, for a total estimated impact of \$751,839. Funds for this agreement, in the total amount of \$751,839, are available in the FY 2022 – FY 2026 Community Investment Plan (CIP) in the account(s) listed below.

There will be a future expenditure of approximately \$16,531 per month for an annual total cost of \$198,372 to operate and maintain the lights. This will be a recurring annual expenditure after project completion, which is anticipated in FY 2024. Future years’ expenditures are contingent upon approval and appropriations of the annual budget.

Funds available as of February 4, 2022					
ACCOUNT NUMBER	INDEX NAME (Program)	CHARACTER CODE/ SUB-OBJECT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	PURCHASE AMOUNT
331-P12309.331-6501	Melrose Park Street Lighting	Capital Outlay/ Force Account Charges	\$998,778	\$923,786	\$125,000
331-P12309.331-6599	Melrose Park Street Lighting	Capital Outlay/ Construction	\$998,778	\$923,786	\$626,839
TOTAL AMOUNT ►					\$751,839

Strategic Connections

This item is a *2021 Top Commission Priority*, advancing the Infrastructure initiative.

This item supports the *Press Play Fort Lauderdale 2024 Strategic Plan*, specifically advancing:

- The Infrastructure Focus Area
- Goal 1: Build a sustainable and resilient community
- Objective 1: Proactively maintain our water, wastewater, road and bridge infrastructure

This item advances the *Fast Forward Fort Lauderdale 2035 Vision Plan: We Are Ready*.

This item supports the *Advance Fort Lauderdale 2040 Comprehensive Plan*, specifically advancing:

- The Neighborhood Advancement Focus Area

- The Urban Design Element

Goal 2: Encourage urban design which responds to the climate and character of Fort Lauderdale, is pedestrian friendly, human scaled and contains the infrastructure and amenities to create a vibrant public realm.

Attachments

Exhibit 1 – LED Lighting Agreement

Exhibit 2 – LED Lighting Plan Monthly Cost

Exhibit 3 – Melrose Park Streetlights Presentation

Exhibit 4 – Resolution

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Department Director: Alan Dodd, Public Works