

MIAMI BEACH

COMMITTEE MEMORANDUM

TO: Public Safety and Neighborhood Quality of Life Committee Members
FROM: Alina T. Hudak, City Manager 
DATE: February 28, 2023
SUBJECT: **DISCUSS INCONSISTENT LIGHTING ON OCEAN DRIVE AND LUMMUS PARK AND POTENTIAL FOR IMPROVEMENT**

HISTORY:

At its November 16, 2022 meeting, the City Commission approved a referral to the Public Safety and Quality of Life Committee (PSNQLC) by Commissioner Fernandez, to discuss Inconsistent Lighting on Ocean Drive and Lummus Park and Potential for Improvement (similar to Commissioner Miner's tree lighting enhancements in certain strategic areas of Miami Beach discussion item, heard on December 7, 2022).

At the December 7, 2022 PSNQLC meeting, Commissioner Miner discussed the possibility of providing lighting enhancements in other areas of South Beach including Ocean Drive (coconut palms east of Ocean, from 14th to 15th Streets,) Collins Avenue (from 5th to 23rd Street,) and Washington Avenue (from 5th to 17th Street). The initial estimated cost of installing additional lighting along the Collins and Washington Avenue corridors (not including maintenance) was estimated at more than \$1 Million.

The Committee made a motion to merge both Commissioners Fernandez and Miner's lighting enhancement requests, and to take the discussion to the Finance and Economic Resiliency Committee (FERC) for funding consideration. As a result of the referral, quotes were solicited for the enhanced lighting within the proposed corridors, and the estimates for the actual cost to implement are listed under the Analysis section.

ANALYSIS

A summary of the proposals for the enhancements, including maintenance costs for a period of one year after installation (full proposals attached) are as follows:

- Ocean Drive from 5th Street to 15th Street (west side only): \$427,411.09 (includes one year maintenance, new lights for 99 trees and new LED light replacement and points of connection.
- Washington Avenue from 5th Street to 17th Street (median replacement lights): \$217,840.00, includes one year maintenance, removal and replacement of existing tree lights and installation of new lights similar to those on 41st Street.
- Washington Avenue from 5th Street to 17th Street (new lights for east and west side of the road): \$1,092,270.00 includes one year maintenance, new wrap lights for 360 palm trees, new LED lighting and receptacle and time clocks for light controls.
- Collins Avenue from 5th Street to 23rd Street: \$1,827,960.00, includes one year maintenance, installation of electrical service and service points, and new decorative tree lights for 260 trees.

CONCLUSION:

The enhancements for Collins Avenue, Washington Avenue, and Ocean Drive are currently not funded. The request will be reviewed as part of the FY 23-24 budget process. It is important to note that installation of temporary lights along Collins Avenue will be subject to right-of-way restrictions and Florida Department of Transportation approvals.

MIAMI BEACH

COMMISSION MEMORANDUM

TO: Honorable Mayor and Members of the City Commission
FROM: Vice-Mayor Alex Fernandez
DATE: November 16, 2022

SUBJECT: REFERRAL TO THE PUBLIC SAFETY AND NEIGHBORHOOD QUALITY OF LIFE COMMITTEE TO DISCUSS INCONSISTENT LIGHTING ON OCEAN DRIVE AND LUMMUS PARK AND POTENTIAL FOR IMPROVEMENT.

BACKGROUND/HISTORY

In its 2022-2023 Vision Statement, the Ocean Drive Association has urged the City of Miami Beach to work with the ODA in develop comprehensive unified lighting plan and its installation.

The ODA has identified the following areas as a priority:

1. Lummus Park
2. Ocean Drive from 14th to 15th – approximately 16 palm trees
3. The Promenade area down to 13th Street
4. The west side of Ocean Drive to 5th Street

I would like for the City Administration to provide a memo in the Committee agenda on its efforts and coordination with the ODA to improve lighting in the aforementioned areas. I would like for solar lighting wrapped around the trees in this area to be considered as a pilot.

Please do not hesitate to contact me at alex@miamibeachfl.gov with any questions or suggestions.

SUPPORTING SURVEY DATA

n/a

FINANCIAL INFORMATION

n/a

Applicable Area

South Beach

Is this a "Residents Right to Know" item, pursuant to City Code Section 2-14?

Yes

Does this item utilize G.O. Bond Funds?

No

Strategic Connection

Neighborhoods - Enhance the beautification, physical appearance and cleanliness of neighborhoods.

Legislative Tracking

Vice-Mayor Alex Fernandez



**ELECTRICAL ENGINEERS
ELECTRICAL CONTRACTORS**

**7447 NW 48 Street
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**PROJECT: Collins Ave from 5th Street to 23 Street TREE WRAP
Miami Beach, Fl**

**EC13001534
4/1/2022**

item	Description	Unit	Qty	Unit Price	Total
1	build new service points. The city does not own any 120V services in the area and FDOT will not allow to hook up to their lights	EA	21	\$ 13,860.00	\$ 291,060.00
2	Directional drilling	LF	24000	\$ 28.00	\$ 672,000.00
3	Restoration	LS	1	\$ 125,000.00	\$ 125,000.00
4	Conductors	LF	72000	\$ 3.00	\$ 216,000.00
5	New outlets	EA	260	\$ 465.00	\$ 120,900.00
7	New tree lights. Same as 41 street.	EA	260	\$ 960.00	\$ 249,600.00
				TOTAL	\$ 1,674,560.00

WE SHALL NOT PROVIDE:

4	Weekly maintenance cost	weeks	52	\$ 2,950.00	\$ 153,400.00
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NOTE:

LS-LUMP SUM EA-EACH

Rafael Echarri



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7447 NW 48 Street
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PROJECT: Ocean Dr from 5 St to 15 St
Miami Beach, Fl
DECORATIVE LIGHTS & NEW FLOOD LIGHTS

EC13001534
1/30/2023

item	Description	Unit	Qty	Unit Price	Total
1	New tree lights. TOTAL OF 99	LABOR (HR)	872	\$ 45.00	\$ 39,240.00
		MATL (LS)	99	\$ 798.00	\$ 79,002.00
		TAX on material only (7%)			\$ 5,530.14
		MARKUP on material only (10%)			\$ 7,900.20
2	Power points adjust the existing flood lights to add a new outlet. 49 Palms without any power. 50	LABOR (HR)	1200	\$ 45.00	\$ 54,000.00
		MATL (LS)	99	\$ 765.00	\$ 75,735.00
		TAX on material only (7%)			\$ 5,301.45
		MARKUP on material only (10%)			\$ 7,573.50
3	Provide 2 new LED type Flood Light on every palm tree where there are currently lights installed.	LABOR (HR)	688	\$ 45.00	\$ 30,960.00
		MATL (LS)	98	\$ 680.00	\$ 66,640.00
		TAX on material only (7%)			\$ 4,664.80
		MARKUP on material only (10%)			\$ 6,664.00
4	maintenance cost for wrap lights	Week maintenance Cost	52	\$ 850.00	\$ 44,200.00
				TOTAL	\$ 427,411.09

WE SHALL NOT PROVIDE:

NOTE:

we could use the items in the contract to perform the maintenance.
typically the lights are damaged by the palm fronds, the maintenance contractor, and the wind.

Lights strings and power supply only have 1 year warranty.

Rafael Echarri



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PROJECT: Washington Ave from 5th Street to 17 Street TREE WRAP
Miami Beach, Fl

EC13001534
3/21/2022

rev. 7/11/2022

Description:

The existing ornamental lights on the palm trees along the median on Washington Ave are in need of replacement. They light output is at a really low level; this is the indication that they reached the end of their lifespan. We have also verified that the warranty has already lapsed.

median trees only

item	Description	Unit	Qty	Unit Price	Total
1	Remove old tree lights.	EA	138	\$ 180.00	\$ 24,840.00
2	New tree lights. Same as 41 street.	EA	138	\$ 960.00	\$ 132,480.00
3	Provide new time clocks in order to control lights.	LS	24	\$ 680.00	\$ 16,320.00
				TOTAL	\$ 173,640.00

WE SHALL NOT PROVIDE:

4	Weekly maintenance cost	weeks	52	\$ 850.00	\$ 44,200.00
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NOTE:

LS-LUMP SUM EA-EACH

Rafael Echarri



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**PROJECT: Washington Ave from 5th Street to 17 Street TREE WRAP
Miami Beach, FL**

**EC13001534
4/1/2022**

east and west sidewalks

item	Description	Unit	Qty	Unit Price	Total
1	replace existing 480V metall halide fixtures by new LED type with 120V receptacle inside. The issue at this location is that there is no 120V available.	EA	190	\$ 3,260.00	\$ 619,400.00
2	New tree lights. Same as 41 street.	EA	360	\$ 960.00	\$ 345,600.00
3	Provide new time clocks in order to control lights.	LS	190	\$ 65.00	\$ 12,350.00
				TOTAL	\$ 977,350.00

WE SHALL NOT PROVIDE:

4	Weekly maintenance cost	weeks	52	\$ 2,210.00	\$ 114,920.00
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NOTE:

LS-LUMP SUM EA-EACH

Rafael Echarri