

RESOLUTION NO. _____

A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA, DIRECTING THE ADMINISTRATION TO REQUEST FLORIDA POWER AND LIGHT ("FPL") TO SUPPLY ELECTRICAL RELIABILITY DATA FOR THE PUMP STATION LOCATED AT 32ND STREET AND THE INDIAN CREEK DRIVE STREET END (THE "PUMP STATION"), AS PART OF THE INDIAN CREEK DRIVE FLOODING MITIGATION PROJECT PHASE III, IN ORDER FOR THE ADMINISTRATION TO DETERMINE IF A GENERATOR IS REQUIRED FOR THE PUMP STATION.

WHEREAS, the City of Miami Beach is committed to preserving the welfare and safety of its residents, visitors, and businesses and one way that the City meets this goal is by adapting its infrastructure to sea level rise and climate change; and

WHEREAS, on July 31, 2019, the City Commission awarded the Indian Creek Drive Flooding Mitigation Project, Phase III (the "Indian Creek Phase III Project") to Ric-Man Construction Florida, Inc. via Resolution #2019-30915, and the Indian Creek Drive Flooding Mitigation Project is currently in the construction phase; and

WHEREAS, construction for the Indian Creek Phase III Project commenced during the week of March 2, 2020, and the Indian Creek Phase III Project is approximately 30 percent complete and is expected to be completed in Fall 2022; and

WHEREAS, the plans for the Indian Creek Phase III Project currently include a pump station to be located at 32nd street and the Indian Creek Drive Street End (the "Pump Station"), and the plans also currently specify that a generator will be installed to supply the Pump Station with a redundant power supply; and

WHEREAS, on October 14, 2020, the City Commission approved Resolution No. 2020-31462, accepting the recommendation of the Land Use and Sustainability Committee ("LUSC") to implement generators on a case-by-case basis for stormwater pump stations; and

WHEREAS, one of the most important aspects of the flood mitigation program are effective pump stations that properly treat and convey the stormwater, and one of the most important aspects of the program's resilience is the ability to maintain power for these pump stations through shocks and stresses; and

WHEREAS, while permanent generators are an excellent way to provide redundancy to the stormwater system, they often require additional engineering, site planning, additional costs, aesthetic improvements, and community involvement; and

WHEREAS, residents that live in neighborhoods with proposed generators have, at times, expressed concerns related to their aesthetics, noise levels, and maintenance operations; and

WHEREAS, while the City is committed to resilience – and redundant power supplies are a key component of resilience – the City is also keenly interested in placemaking and enhancing neighborhood aesthetics; and

WHEREAS, recent conversations with Florida Power and Light ("FPL"), the primary electric power supplier for the pump station, have identified that the City may be able to establish

electrical redundancy for certain pump station locations without the use of backup generators; and

WHEREAS, in cases where FPL categorizes a pump station as critical infrastructure, the stations would include dual primary feeds from independent substations with automatic transfer switches; and

WHEREAS, by utilizing this configuration, if one of the electrical feeds is rendered inoperable, the other primary feed would automatically supply power without interruption to the pump station; and

WHEREAS, pump stations categorized by FPL as critical infrastructure would be reviewed by FPL and the City's Public Works Department; and

WHEREAS, in order to determine if a generator is required for the Pump Station as part of the Indian Creek Phase III Project, the Administration will need to determine if FPL is able to provide dual primary feeds to the Pump Station so substantial electrical redundancy can be provided to the Pump Station; and

WHEREAS, the elimination of the required generator for the Pump Station would result in substantial cost savings and aesthetic improvements for the community; and

WHEREAS, the Administration recommends that the City Commission adopts the Resolution to request FPL to supply electrical reliability data for the Pump Station in order for the Administration to determine if a generator is required for this location.

NOW, THEREFORE, BE IT DULY RESOLVED BY THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA, that the Mayor and City Commission hereby adopts this Resolution and directs the Administration to request Florida Power and Light ("FPL") to supply electrical reliability data for the pump station located at 32nd street and the Indian Creek Drive Street End (the "Pump Station"), as part of the Indian Creek Drive Flooding Mitigation Project Phase III, in order for the administration to determine if a generator is required for the Pump Station.

PASSED and ADOPTED this ____ day of _____, 2021.

ATTEST:

Dan Gelber, Mayor

Rafael E. Granado, City Clerk

**APPROVED AS TO
FORM & LANGUAGE
& FOR EXECUTION**

City Attorney

Date

2-5-21