

RESOLUTION: _____

A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA, APPROVING AND AUTHORIZING THE MAYOR AND CITY CLERK TO ENTER INTO AN AGREEMENT BETWEEN THE CITY AND HAZEN AND ZAWYER, INC, PURSUANT TO REQUEST FOR PROPOSALS (RFQ) 2022-122-ND, FOR ENGINEERING SERVICES FOR WATER AND WASTEWATER SYSTEM PROJECTS, TO COMPLETE THE ENGINEERING AND CONSULTING SERVICES REQUIRED FOR THE DESIGN AND POST-DESIGN SERVICES OF THE BELLE ISLE WATER BOOSTER PUMP STATION (W-5) REHABILITATION RESILIENCY IMPROVEMENT PROJECT, AND FURTHER AUTHORIZING A WORK ORDER IN THE AMOUNT OF \$558,664.59.

WHEREAS, on January 12, 2022, the City executed grant agreement #I0135 with the Department of Economic Opportunity for the hardening and resiliency improvements of the Belle Isle Water Booster Pump Station (W-5). The grant agreement is valued at \$2,400,000; and

WHEREAS, on March 25, 2022, the Mayor and City Commission awarded and authorized the execution of the Agreement with Hazen & Sawyer, Inc. for the Engineering Services for Water and Wastewater Projects (RFQ) No. 2022-122-ND; and

WHEREAS, on February 8, 2023, the City and Hazen & Sawyer, Inc. entered into an Agreement for the Engineering Services for Water and Wastewater Projects (RFQ) No. 2022-122-ND, having an initial term of three (3) years, with two (2) one-year renewal terms; and

WHEREAS, the Belle Isle Water Booster Station (W-5) Rehabilitation and Resiliency Improvement Project is a priority water management project in Middle Beach; and

WHEREAS, the pump station was identified as a High Criticality asset in the City of Miami Beach Water & Sewer Renewal and Replacement Report dated May 2018 and was included in the 2020-2024 implementation timeframe in the City of Miami Beach Water System Master Plan dated October 2019; and

WHEREAS, this project seeks to increase the resilience of W-5 by rehabilitating the mechanical, structural, and electrical equipment; instrumentation and controls; ventilation and air conditioning systems; and performing overall facility hardening. A new emergency generator and fuel tank will be installed at the electrical building with sufficient capacity to run the belle isle booster station (W-5) and the sewer pump station (PS-10); and

WHEREAS, additionally, these improvements will harden the station with the primary objective of mitigating flooding and water infiltration caused by intense rain events, high tides, and sea level rise. This pump station is used to supplement the system pressure supplied by the 30-inch interconnect from the Miami Dade Water and Sewer Department (WASD) system and increases system reliability during emergencies; and

WHEREAS, furthermore, the Public Works Department is supported in the construction of hardening and resiliency improvements to the pump station by a \$2,400,000 grant agreement with the Department of Economic Opportunity; and

WHEREAS, this project will take the existing critical pump station and develop the changes to ensure it performs as a resilient, reliable, and safe cornerstone of the water infrastructure for the City of Miami Beach; and

WHEREAS, pursuant to Request for Proposals (RFQ) 2022-122-ND Engineering Services for Water and Wastewater System Projects between the City and Hazen & Sawyer, Inc. and authorizing a work order to complete the engineering and consulting services required in the lump sum amount of \$558,664.59; and

WHEREAS, the Administration agrees with Hazen & Sawyer, Inc.'s scope of work and is prepared to move forward to the full Commission for approval.

NOW, THEREFORE, BE IT DULY RESOLVED BY THE MAYOR AND THE CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA, that the Mayor and City Commission hereby approve and authorize the Mayor and City Clerk to enter into an Agreement between the City and Hazen and Zawyer, Inc, pursuant to Request For Proposals (RFQ) 2022-122-ND, for engineering services for water and wastewater system projects, to complete the engineering and consulting services required for the design and post-design services of the Belle Isle Water Booster Pump Station (W-5) Rehabilitation Resiliency Improvement Project, and further authorizing a work order in the amount of \$558,664.59.

PASSED and ADOPTED this _____ day of _____, 2024.

ATTEST:

Steven Meiner, Mayor

Rafael E. Granado, City Clerk