

RESOLUTION NO. _____

A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA, APPROVING FOR THE STAR ISLAND FORCE MAIN REPLACEMENT PROJECT, PURSUANT TO THE AGREEMENT REQUEST FOR PROPOSALS (RFQ) 2022-122-ND FOR ENGINEERING SERVICES FOR WATER AND WASTEWATER SYSTEM PROJECTS BETWEEN THE CITY AND HAZEN AND SAWYER, P.C. AND AUTHORIZING A TASK ORDER TO COMPLETE THE ENGINEERING AND CONSULTING SERVICES REQUIRED FOR THE DESIGN AND POST DESIGN SERVICES INCLUDING:(1) PREPARATION OF DESIGN CRITERIA PACKAGE OF THE REPLACEMENT OF AN AGING SUBAQUEOUS FORCE MAIN INFRASTRUCTURE FROM PUMP STATION No 2 LOCATED AT THE MEDIAN OF STAR ISLAND TO A CONNECTION POINT LOCATED IN THE VICINITY OF 10TH STREET AND ALTON ROAD IN THE AMOUNT NOT TO EXCEED \$331,774 NECESSARY FOR THE CIVIL ENGINEERING SERVICES; (2) UTILIZE LONGITUDE SURVEYORS, LLC TO PERFORM VACUUM EXCAVATIONS AND TOPOGRAPHIC AND HYDROGRAPHIC SURVEY IN THE AMOUNT NOT TO EXCEED \$66,090; (3) UTILIZE LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES, INC TO PERFORM GEOTECHNICAL TESTING, ANALYSIS, AND REPORTING SERVICES IN THE AMOUNT NOT TO EXCEED \$231,500; (4) APPROVING OLIN HYDROGRAPHIC SOLUTIONS, INC. TO PERFORM SPECIALIZED BENTHIC SURVEY IN THE AMOUNT NOT TO EXCEED \$5,000; (5) APPROVING ENVIRONMENTAL SOLUTIONS INTERNATIONAL, LLC. TO PERFORM SUBMERGED LANDS AND EASEMENT RESEARCH IN THE AMOUNT NOT TO EXCEED \$5,000, FOR A TOTAL PROJECT NOT TO EXCEED AMOUNT OF \$642,364.

WHEREAS, public infrastructure serves as the backbone of a well-run municipality, and typically, as infrastructure ages and the needs of a growing city expand, existing infrastructure requires rehabilitation and upgrades; and

WHEREAS, the failure to reinvest in utility infrastructure has resulted in neighboring communities having had numerous water main breaks and sewerage spills resulting in one community being fined \$1.9 million by state regulators; and

WHEREAS, at its March 18, 2020 meeting, the City Commission accepted the five-year critical needs capital plan for the City's water and wastewater system for the design and construction of critical utility infrastructure projects.

WHEREAS, at its January 20, 2022, the Mayor and City Commission authorized the issuance of Request for Qualifications No. 2022-122-ND for Engineering Services for Water and Wastewater Systems Projects (the "RFQ") on an "As-Needed Basis"; and

WHEREAS, at its June 22, 2022, the City Commission approved Resolution No. 2022-32175 respectively, authorizing the City to enter into negotiations with Hazen and Sawyer, P.C. and, if successful, execute an agreement with the Consultant pursuant to the RFQ.; and

WHEREAS, on January 18, 2023, the City and Hazen and Sawyer, P.C. 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 City's existing infrastructure is aging and requires rehabilitation or replacement; and

WHEREAS, the 65-year-old Force Main is a critical asset in the collection of the wastewater from Star, Palm, Hibiscus, and Terminal Island.

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 approving for

The Star Island Force Main replacement project, pursuant to the agreement request for proposals (RFQ) 2022-122-ND for engineering services for water and wastewater system projects between the city and Hazen and Sawyer P.C. And authorizing a service order to complete the engineering and consulting services required for the preparation of the design criteria package and services during the design-build phase in the amount not to exceed \$642,364 performed by Hazen and Sawyer P.C. Longitude Surveyors, LLC, Langan Engineering and Environmental Services, INC, Olin Hydrographic Solutions, INC and Environmental Solutions International, LLC.