

RESOLUTION NO. _____

A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA, APPROVING AND AUTHORIZING THE MAYOR AND CITY CLERK TO EXECUTE AMENDMENT NO. 7, TO THE PROFESSIONAL SERVICES AGREEMENT BETWEEN THE CITY OF MIAMI BEACH AND RIBBECK ENGINEERING, INC. FOR THE INDIAN CREEK DRIVE/STATE ROAD (SR) A1A, 26 STREET TO 41 STREET FLOODING MITIGATION PROJECT, IN THE LUMP SUM OF \$68,500 TO PROVIDE ADDITIONAL ENGINEERING SERVICES FOR THE ROADWAY ANALYSIS AND DESIGN OF A PROTECTED BICYCLE LANE, WITH PREVIOUSLY APPROPRIATED FUNDING.

WHEREAS, on March 9, 2016, the Mayor and City Commission adopted Resolution 2016-29332 approving a Department Funded Agreement (DFA) between the City of Miami Beach (City) and the Florida Department of Transportation (FDOT) for the cost sharing of a construction project on Indian Creek Drive from 26th to 41st Street; and

WHEREAS, the infrastructure improvements under this agreement, designed to meet the new flood elevation requirements, included a new storm water drainage system, pump station, seawall, roadway, sidewalks, curbs and gutters and the scope also includes the replacement of driveways, light poles, signs, signals and pavement markings to match the new roadway alignment and configuration; and

WHEREAS, on June 8, 2016, the Mayor and City Commission adopted Resolution 2016-29456, approving the award of a professional services agreement to Ribbeck Engineering, Inc. (Ribbeck), in the total amount of \$407,851.00, to develop the Design Criteria Package (DCP) and conceptual plans for approximately 0.85 miles of Indian Creek Drive in accordance with FDOT design criteria as well as the City's contract requirements; and

WHEREAS, on April 26, 2017, the Mayor and City Commission adopted Resolution 2017-29839, authorizing the negotiation of Amendment No. 1 to the Professional Services Agreement with Ribbeck, in the amount of \$863,171.92 plus a \$86,317.19 contingency, for a total amount of \$949,489.11, to prepare a set of "Interim" construction plans from 25th to 26th Street, and 26th to 41st Street, including side streets along the entire project limits with the approximate length of roadway for this expanded project scope was 1.7 miles; and

WHEREAS, on October 18, 2017, the Mayor and City Commission adopted Resolution 2017-30070, authorizing the negotiation of Amendment No. 2 to the Professional Services Agreement with Ribbeck, in the amount of \$1,056,347.77, plus a \$158,452.17 owner's contingency of fifteen percent (15%), for a total amount of \$1,214,799.94, to complete the construction plans for the "Ultimate" Phase for the entire project limits; and

WHEREAS, the scope of work included detailed plans for roadway, traffic control and analysis, seawall, drainage, signage, signalization, pavement markings, lighting, and related improvements and it also included a Design Variations memorandum, reports including crash data analysis, cost benefit ratios required by FDOT, electrical and mechanical design of the pump station; and

WHEREAS, on October 30, 2018, the Mayor and City Commission adopted Resolution 2018-30547, authorizing Amendment No. 3 to the Professional Services Agreement with Ribbeck, in the amount of \$308,364.46, plus a ten percent (10%) owner's contingency in the amount of \$30,836.05, for a total of \$339,196.51, to perform subsurface exploration to further identify potential utilities conflicts, modifications to roadway and drainage design resulting from owner's requests to modify harmonization plans for the adjacent properties, parking lanes modification to meet FDOT criteria, additional utility coordination, special handrail design to meet new Historic Preservation Board (HPB) criteria and additional coordination efforts; and

WHEREAS, on September 11, 2019, the Mayor and City Commission adopted Resolution 2019-30943, authorizing Amendment No. 4 to the Professional Services Agreement with Ribbeck, in the amount of \$383,670.00, for performing post design services, reviewing contractor's submittal responding to requests for information (RFI's) and attending bi-weekly project meetings; and

WHEREAS, on June 24, 2020, the Mayor and City Commission adopted Resolution 2020-31292, authorizing Amendment No. 5 to the Professional Services Agreement with Ribbeck, in the amount of \$350,270.73, including a 20% allowance for unforeseen design tasks, for design revisions associated with the generator relocation, geotechnical services, permitting assistance and post design services; and

WHEREAS, on July 28, 2021, the Mayor and City Commission adopted Resolution 2021-31792, authorizing Amendment No. 6 to the Professional Services Agreement with Ribbeck, in the amount of \$125,541.19, to provide additional engineering services for the seawall component of the project; and

WHEREAS, the community representatives have requested the incorporation of a protected bicycle lane through the replacement of the bike lane delineators (the vertical plastic poles) with a modular segregation system and associated pavement markings; and

WHEREAS, the Zicla Zipper is a modular bike lane separator product made of recycled plastic that is approximately 11 inches in width and approximately 5 inches in height; and

WHEREAS, the width at the bottom requires modification to the existing bicycle lane configuration to allow for its installation and this modular segregation system is designed to improve safety and mobility for road users and bicyclists by providing a curb-like barrier; and

WHEREAS, as Indian Creek Drive is an FDOT roadway, in order to install the requested bike lane separators, coordination with and approval from FDOT is required; and

WHEREAS, the bike lane separators were conceptually discussed and coordinated with FDOT, however, the final design must be submitted to FDOT for review and approval; and

WHEREAS, Ribbeck submitted a cost proposal, for Amendment No. 7 (Exhibit A) to the Agreement, in the amount of \$68,500.00, to conduct roadway analysis, design the Zicla Zipper bike lane separator system, obtain the FDOT approval, and provide post design services; and

WHEREAS, among other tasks, the major design scope will require Ribbeck to conduct the necessary analysis and modeling to reduce the width of the inside lane (east lane) from 11 to 10 feet, provide a dedicated 5.5 feet of bike lane and conduct a speed analysis along the corridor in order to reduce the posted speed limit from 35 mph to 30 mph; and

WHEREAS, amendment No. 7 in the amount of \$68,500.00 to design and obtain approval from FDOT, has been reviewed by staff and was found to be fair and reasonable; and

WHEREAS, this Amendment No. 7 will revise the total agreement amount to \$3,839,318.48; and

WHEREAS, The Administration recommends that the City Commission approve the resolution; and

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 approve and authorize the Mayor and City Clerk to execute Amendment No. 7, to the Professional Services Agreement between the City of Miami Beach and Ribbeck Engineering, Inc. for the Indian Creek Drive/State Road (SR) A1A, 26th Street to 41st Street Flooding Mitigation project, in the lump sum of \$68,500.00 to provide additional engineering services for the roadway analysis and design of a protected bicycle lane, with previously appropriated funding.

PASSED and ADOPTED this ____ day of _____, 2022.

Dan Gelber, Mayor

ATTEST:

Rafael E. Granado, City Clerk

APPROVED AS TO FORM &
LANGUAGE & FOR EXECUTION



City Attorney

 6-16-22

Date