

RESOLUTION NO. _____

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF HOLLYWOOD, FLORIDA, APPROVING AND AUTHORIZING THE APPROPRIATE CITY OFFICIALS TO EXECUTE AN AUTHORIZATION TO PROCEED FOR WORK ORDER NUMBER ARC 22-03 WITH ARCADIS U.S., INC. TO PROVIDE PROFESSIONAL ENGINEERING SERVICES RELATED TO THE DESIGN OF THE WATER TREATMENT PLANT INJECTION WELL NO. 1 MECHANICAL INTEGRITY TEST AND DEVELOPMENT OF A WATER SYSTEM HURRICANE AND CATASTROPHIC ELECTRICAL FAILURE RESPONSE PLAN, IN THE LUMP SUM AMOUNT OF \$180,796.00.

WHEREAS, the existing Class I Deep Injection Well No. 1 ("IW-1") was placed in service in 2015 and is currently serving as the primary disposal method of the concentrate from the Membrane Softening/Reverse Osmosis processes at the Water Treatment Plant ("WTP") under Florida Department of Environmental Protection Permit No. 0304444-002-UO/1X; and

WHEREAS, the operating permit for IW-1 requires that a Mechanical Integrity Test be performed and completed before December 20, 2022; and

WHEREAS, on September 20, 2017, the City Commission passed and adopted Resolution No. R-2017-283, which authorized the execution of continuing professional consulting engineering services contracts with four firms for the WTP and Southern Regional Wastewater Treatment Plant projects, one of the firms being Arcadis U.S., Inc. ("Arcadis"); and

WHEREAS, on July 26, 2021, the continuing services contract with Arcadis was renewed for another two-year period; and

WHEREAS, on June 19, 2019, pursuant to Resolution No. 2019-178, the City Commission approved and authorized the issuance of an Authorization to Proceed to Arcadis to conduct the Risk and Resilience Assessment ("RRA") as mandated by the America's Water Infrastructure Act of 2018; and

WHEREAS, Arcadis completed the RRA and recommended mitigating actions that include development of the Water System Hurricane and Catastrophic Electrical Failure Response Plan; and

WHEREAS, Department of Public Utilities ("Department") staff requested and negotiated a proposal from Arcadis for professional engineering services related to the

Design of the Water Treatment Plant Injection Well No. 1 Mechanical Integrity Test and Development of the Water System Hurricane and Catastrophic Electrical Failure Response Plan, in the lump sum amount of \$180,796.00; and

WHEREAS, Department staff evaluated the scope and fee, and determined that the negotiated fee is fair and reasonable and in accordance with industry standards; and

WHEREAS, the Director of Public Utilities recommends that the City Commission authorize the appropriate City officials to execute the attached Authorization to Proceed for Work Order Number ARC 22-03 to Arcadis U.S., Inc. for the Design of the Water Treatment Plant Injection Well No. 1 Mechanical Integrity Test and Development of the Water System Hurricane and Catastrophic Electrical Failure Response Plan, based upon the proposal inclusive of its project scope and fee and the terms and conditions of the current Continuing Services Agreement for the project; and

WHEREAS, funding for this project was included in the FY 2022 Capital Improvement Plan, and is available in account number 442.409904.53600.531210.001477.000.000 and 442.409904.53600.531210.001476.000.000; and

WHEREAS, Arcadis will complete the proposed professional engineering services in 48 weeks.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF HOLLYWOOD, FLORIDA:

Section 1: That the foregoing "WHEREAS" clauses are ratified and confirmed as being true and correct and are incorporated in this Resolution.

Section 2: That it approves and authorizes the execution, by the appropriate City officials, of the attached Authorization to Proceed for Work Order Number ARC 22-03 with Arcadis U.S., Inc., together with such non-material changes as may be subsequently agreed to by the City Manager and approved as to form and legal sufficiency by the City Attorney.

Section 3: That this Resolution shall be in full force and effect immediately upon its passage and adoption.

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PASSED AND ADOPTED this _____ day of _____, 2022.

JOSH LEVY, MAYOR

ATTEST:

PATRICIA A. CERNY, MMC
CITY CLERK

APPROVED AS TO FORM AND LEGAL
SUFFICIENCY for the use and reliance
of the City of Hollywood, Florida, only.

DOUGLAS R. GONZALES
CITY ATTORNEY