

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 20-01 WITH ARCADIS US, INC. TO PROVIDE PROFESSIONAL ENGINEERING SERVICES TO GENERATE THE BASIS OF A DESIGN REPORT FOR THE IMPLEMENTATION OF 4-LOG VIRUS TREATMENT OF GROUND WATER AT THE WATER TREATMENT PLANT, IN A LUMP SUM AMOUNT OF \$97,496.00.

WHEREAS, in 2006, the Environmental Protection Agency promulgated a National Primary Drinking Water Regulation, the Ground Water Rule ("GWR"), to provide for increased protection against microbial pathogens in public water systems that use ground water sources; and

WHEREAS, the City's Water Treatment Plant ("WTP") uses ground water sources exclusively; and

WHEREAS, under the GWR, the WTP must conduct increased source water monitoring and it is subject to more stringent public notification and boil water order requirements in the event a fecal indicator is detected in the source water; and

WHEREAS, the WTP purchases a portion of the raw ground water treated by the plant from Broward County's South Regional Brian Piccolo Park Wellfield, and the City cannot implement measures to help prevent the presence of fecal indicators in this water; and

WHEREAS, the GWR provides public water systems with the option to implement or demonstrate to the State of Florida that virus treatment of ground water is being provided to reliably achieve 99.99% 4-Log inactivation or removal of viruses; and

WHEREAS, public water systems that implement 4-Log inactivation or removal of viruses are not subject to a boil water order requirement in the event a fecal indicator is detected in the source water; and

WHEREAS, on November 29, 2017, the Florida Department of Health approved the City's conceptual demonstration of 4-Log Virus Treatment; and

WHEREAS, design and construction of improvements at the Water Treatment Plant are needed in order to become fully compliant with 4-Log Virus Treatment; and

WHEREAS, Arcadis US, Inc. ("Arcadis") and the City have an existing continuing Professional Services Agreement for General Engineering Consulting Services for water, sewer, reuse and storm water infrastructure projects pursuant to Resolution No. R-2017-283; and

WHEREAS, a proposal was requested from Arcadis to provide professional engineering services to generate the basis of a design report for the implementation of 4-Log Virus Treatment of ground water at the WTP; and

WHEREAS, the Department 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 20-01 with Arcadis; and

WHEREAS, funding was included in the in the FY 2020 Capital Improvements Program that was approved pursuant to Resolution R-2019-284; and

WHEREAS, funding is available in account number 442.409901.53600.531210.001251.000.000; and

WHEREAS, the consultant will complete the proposed professional engineering services in approximately six months.

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 20-01 with Arcadis US, 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 effective immediately upon its passage and adoption.

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PASSED AND ADOPTED this _____ day of _____, 2019.

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