

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 20-04 WITH ARCADIS US, INC. TO PROVIDE PROFESSIONAL ENGINEERING SERVICES FOR THE STEEL VESSEL FILTERS AND SPIRATORS EVALUATION, IN A LUMP SUM AMOUNT OF \$72,850.00.

WHEREAS, the City's Water Treatment Plant ("WTP") treats raw water from wellfields in the Biscayne and Floridan aquifers using three major treatment processes, which are lime softening ("LS"), membrane softening ("MS"), and reverse osmosis ("RO"); and

WHEREAS, the LS system was originally constructed in 1967, with additional treatment capacity expanded in phases at the WTP; and

WHEREAS, the LS process consists of six lime silos, 12 steel spiractors, 12 steel circular vessel dual medial filters and six concrete rectangular sand filters, which have provided reliable, high-quality water treatment for over 50 years; and

WHEREAS, in recent years, several of the steel circular vessel dual medial filters have required increased repair due to ongoing steel corrosion; and

WHEREAS, in March 2020, the City finalized a Risk and Resilience Assessment of its water infrastructure, which identified the need for improvement of the steel spiractors' structural supports; and

WHEREAS, pursuant to Resolution No. R-2017-283, Arcadis US, Inc. ("Arcadis") and the City have an existing continuing consulting engineering contract to provide professional consulting engineering services related to water treatment plant and wastewater treatment plant projects; and

WHEREAS, a proposal was requested from Arcadis to provide professional engineering services to assist the Department of Public Utilities with the Steel Vessel Filters and Spiractors Evaluation; 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 20-04 with Arcadis; and

WHEREAS, funding was included in the adopted FY 2020 Capital Improvements Plan that was approved pursuant to Resolution No. R-2019-284; and

WHEREAS, funding is available in account number 442.409901.53600.531300.000744.000.000; and

WHEREAS, the consultant will complete the proposed professional engineering services in approximately three 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 20-04 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.

PASSED AND ADOPTED this _____ day of _____, 2020.

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