

RESOLUTION NO. _____

A RESOLUTION OF THE CITY COMMISSION, AUTHORIZING THE APPROPRIATE CITY OFFICIALS TO EXECUTE THE AUTHORIZATION TO PROCEED FOR WORK ORDER NUMBER B&V 19-01 WITH BLACK & VEATCH CORPORATION TO DEVELOP AND IMPLEMENT AUTOMATION AND SCADA IMPROVEMENTS PHASE III FOR OPTIMIZATION OF THE INFLUENT SCREEN, DEGRIT SYSTEM, REUSE / NON-POTABLE WATER TREATMENT SYSTEM, INFLUENT PUMP STATION, RAS PUMP STATION NUMBER THREE, NORTH ELECTRICAL SERVICE CENTER AND REUSE WATER PUMP STATION AT THE SOUTHERN REGIONAL WASTEWATER TREATMENT PLANT, IN THE LUMP SUM AMOUNT OF \$693,994.00 (PROJECT NUMBER 18-9416B).

WHEREAS, the Department of Public Utilities has the responsibility for planning, regulating, designing, constructing, operating, and maintaining a water treatment plant and a regional wastewater treatment plant within the City's corporate limits; and

WHEREAS, in 2014, the Department of Public Utilities' Instrumentation, Controls, and Electrical staff performed a high level assessment of the existing water and wastewater treatment plants' Supervisory Control and Data Acquisition System ("SCADA"); and

WHEREAS, the assessment focused on documenting existing Programmable Logic Controller and Human Machine Interface hardware and software and provided a roadmap towards the automation and SCADA improvements for optimization of several systems and processes within the Utility primarily aimed towards increasing operational efficiency and reduction of chemical costs; and

WHEREAS, Department of Public Utilities staff requested a proposal from Black & Veatch Corporation to develop and implement automation and SCADA improvements phase III for optimization of the Influent Screen, Degrit System, Reuse / Non-potable Water Treatment System, Influent Pump Station, RAS Pump Station No. Three, North Electrical Service Center and Reuse Water Pump Station as part of the SCADA improvements at SRWWTP; and

WHEREAS, Black & Veatch Corporation and the City have a Professional Services Agreement for General Engineering Consulting Services for Water Treatment Plant and Wastewater Treatment Plant projects, and this agreement was approved by the City Commission pursuant to Resolution No. R-2017-283 on September 20, 2017; and

WHEREAS, the Administration recommends that the City Commission authorize the appropriate City officials to execute the attached Authorization to Proceed for Work Order No. B&V 19-01 with Black & Veatch Corporation, in the lump sum amount of \$693,994.00; and

WHEREAS, funding was included in the FY 2019 Capital Improvements Program that was approved pursuant to Resolution R-2018-302; and

WHEREAS, funding is available in account number 442-409901-53600-531300-000730-000-000; and

WHEREAS, the estimated time for completion of the Automation and SCADA Improvements Phase III is 56 weeks.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION 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 No. B&V 19-01 with Black & Veatch Corporation, together with such non-material changes as may be acceptable to 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.

A RESOLUTION TO EXECUTE THE AUTHORIZATION TO PROCEED FOR WORK ORDER NUMBER B&V 19-01 WITH BLACK & VEATCH CORPORATION TO DEVELOP AND IMPLEMENT AUTOMATION AND SCADA IMPROVEMENTS PHASE III FOR OPTIMIZATION OF THE INFLUENT SCREEN, DEGRIT SYSTEM, REUSE / NON-POTABLE WATER TREATMENT SYSTEM, INFLUENT PUMP STATION, RAS PUMP STATION NUMBER THREE, NORTH ELECTRICAL SERVICE CENTER AND REUSE WATER PUMP STATION AT THE SOUTHERN REGIONAL WASTEWATER TREATMENT PLANT.

PASSED AND ADOPTED this _____ day of _____, 2018.

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