

RESOLUTION NO. _____

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF HOLLYWOOD, FLORIDA, AUTHORIZING THE APPROPRIATE CITY OFFICIALS TO EXECUTE THE ATTACHED AUTHORIZATION TO PROCEED WITH WORK ORDER NO. B&V 18-01 BETWEEN BLACK & VEATCH CORPORATION AND THE CITY OF HOLLYWOOD TO DEVELOP AND IMPLEMENT AUTOMATION AND SCADA IMPROVEMENTS FOR OPTIMIZATION OF THE INFLUENT DISTRIBUTION, OXYGENATION TRAINS, RETURN ACTIVATED SLUDGE, WASTED ACTIVATED SLUDGE, AND DEEP INJECTION WELL SYSTEMS AND PROCESSES AT THE SOUTHERN REGIONAL WASTEWATER TREATMENT PLANT, IN THE LUMP SUM AMOUNT OF \$299,460.00; AND APPROVING AN AMENDMENT TO THE FISCAL YEAR 2018 CAPITAL IMPROVEMENT PROGRAM, AS SET FORTH IN EXHIBIT A (CITY PROJECT NO. 18-9416A).

WHEREAS, the City of Hollywood, 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 (ICE) 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 (PLC) and Human Machine Interface (HMI) 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 at increasing operational efficiency and reduction of chemical costs; and

WHEREAS, following the recommendations and findings of the high level assessment, the City Commission approved work order No. B&V 17-01 via Resolution No, R-2016-357 for Black & Veatch Corporation to develop and implement automation and SCADA improvements for optimization of the Oxygen Generation, the Chlorination, and the Effluent Pump Station as part of the first phase of the SCADA improvements at the Southern Regional Wastewater Treatment Plant; and

WHEREAS, after Black & Veatch completed the work order No. B&V 17-01, the City Department of Public Utilities staff requested another proposal from Black & Veatch Corporation to develop and implement automation and SCADA improvements for optimization of the Influent Distribution, Oxygenation Trains, Return Activated Sludge, Deep Injection Wells, Wasted Activated Sludge Systems and Processes ; and

WHEREAS, Black & Veatch Corporation and the City of Hollywood 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 via Resolution No. R-2017-283 on September 20, 2017; and this Agreement has a provision for insurance and indemnification that meets the City's requirements and gives the City the right to terminate for convenience; and

WHEREAS, Administration recommends that the City Commission authorize the appropriate City officials to execute the attached Authorization to Proceed for Work Order No. B&V 18-01 between Black & Veatch Corporation and the City of Hollywood, together with such nonmaterial changes as may be subsequently agreed to by the City Manager and approved as to form and legal sufficiency by the City Attorney, in a lump sum of \$299,460.00; and

WHEREAS, it is necessary to amend the approved FY2018 Capital Improvements Program as set forth in Exhibit A, attached; and

WHEREAS, the estimated time for completion of the Automation and SCADA Improvements is 42 weeks after the Authorization to Proceed for Work Order No. B&V 18-01 has been issued and the kick-off meeting between City staff and consultant has been held;

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 appropriate City officials to execute the attached Authorization to Proceed for Work Order No. B&V 18-01 between Black & Veatch Corporation and the City of Hollywood, together with such nonmaterial 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 it approves the amendment to the approved FY 2018 Capital improvement Program, as set forth in the attached Exhibit A

Section 4: 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 _____, 2017

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