

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 FOR WORK ORDER NO. B&V 15-01 BETWEEN BLACK & VEATCH CORPORATION AND THE CITY OF HOLLYWOOD FOR AUTOMATION AND SCADA IMPROVEMENTS FOR THE OPTIMIZATION OF THE SLUDGE PROCESS CONTROL SYSTEM AT THE SOUTHERN REGIONAL WASTEWATER TREATMENT PLANT (SRWWTP), IN A LUMP SUM AMOUNT OF \$223,700.00; AND TO AMEND THE APPROVED FISCAL YEAR 2015 CAPITAL IMPROVEMENT PROGRAM, AS SET FORTH IN EXHIBIT A (CITY PROJECT NO. 15-9934).

WHEREAS, the Sludge Process Control System at the Southern Regional Wastewater Treatment Plant (SRWWTP) is a large complex process; and

WHEREAS, the existing Supervisory Control and Data Acquisition (SCADA) system lacks the necessary level of communication and automation; and

WHEREAS, currently the sludge processing control system is controlled manually by City Operations Professionals due to the lack of the necessary level of automation to monitor and control the sludge process; and

WHEREAS, Department of Public Utilities staff desires to improve the efficiency and productivity of the sludge process control system through an increased level of automation; and

WHEREAS, the City requested a proposal from Black & Veatch Corporation to provide professional engineering services for the development of automation and SCADA improvements for the optimization of the sludge process control system; and

WHEREAS, Black & Veatch Corporation will evaluate the control strategy, modify the program of existing Programmable Logic Controllers (PLC), redesign the database, and standardize SCADA graphics allowing the control of the Sludge Process to be performed automatically or semi-automatically through Human Machine Interface (HMI) in the SRWWTP Main Control Room; and

WHEREAS, Black & Veatch Corporation and the City of Hollywood have a Professional Services Agreement for General Engineering Consulting Services for Energy Efficiency Services that was approved by the City Commission via Resolution No. R-2012-074 on March 21, 2012, and 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, 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 15-01 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 legality by the City Attorney, in a lump sum of \$223,700.00; and

WHEREAS, it is necessary to amend the approved FY 2015 Capital Improvement Program and allocate funding for the Automation and SCADA Improvements for the Optimization of the Sludge Process Control System in the amount of \$223,700.00 as set forth in Exhibit A, attached; and

WHEREAS, the estimated time for completion of the Automation and SCADA Improvements for Optimization of the Sludge Process Control System is eight (8) months;

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

Section 1: That it hereby approves and authorizes the execution, by the appropriate City Officials, of the attached Authorization to Proceed for Work Order No. B&V 15-01 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 legality by the City Attorney.

Section 2: That it hereby approves an amendment to the approved FY 2015 Capital Improvement Program, as set forth in the attached Exhibit A.

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 _____, 2015

PETER BOBER, MAYOR

ATTEST:

PATRICIA A. CERNY, MMC
CITY CLERK

APPROVED AS TO FORM AND LEGALITY
For the use and reliance of the City of
Hollywood, Florida only.

JEFFREY P. SHEFFEL, CITY ATTORNEY