

HAYWARD CITY COUNCIL

RESOLUTION NO. 24-

Introduced by Council Member _____

RESOLUTION AUTHORIZING THE CITY MANAGER TO AMEND THE PROFESSIONAL SERVICES AGREEMENT WITH CAROLLO ENGINEERS, INC., TO INCREASE THE CONTRACT AMOUNT BY \$378,774 FOR A NOT-TO-EXCEED AMOUNT OF \$1,764,354 TO PROVIDE ADDITIONAL CONSTRUCTION SUPPORT SERVICES FOR THE WRRF SWITCHGEAR REHABILITATION PROJECT NO. 07656, AND APPROPRIATING ADDITIONAL FUNDS IN THE AMOUNT OF \$135,154

WHEREAS, the City of Hayward (City) owns and operates the Water Resource Recovery Facility (WRRF), formerly known as the Water Pollution Control Facility (WPCF) which treats an average flow of approximately eleven million gallons per day; and

WHEREAS, the existing main switchgear (MSB), originally installed in 1982, is a key component of the power distribution system at the WPCF. The MSB along with several related motor control centers (MCCs) and distribution panelboards (PBs) have provided power and controls to various plant processes for over forty years and have exceeded their useful lives; and

WHEREAS, On February 27, 2018, the City entered into an agreement with Black & Veatch Corporation to perform engineering services for the WPCF Phase II Facilities Plan. The Phase II Facilities Plan serves as a comprehensive planning document for the WPCF infrastructure needs for the next twenty-five years; and

WHEREAS, the WPCF Phase II Facilities Plan evaluated the WPCF's electrical system and recommended replacing the MSB, MCCs, PBs, and retrofitting the existing old cogeneration building which houses these electrical equipment; and

WHEREAS, on May 2021, the City entered into an agreement with Carollo Engineers to perform final designs services for the WPCF Switchgear Rehabilitation Project; and

WHEREAS, on October 11, 2022, the City awarded a contract to Blocka Construction, Inc. for construction of the Switchgear Rehabilitation Project; and

WHEREAS, on June 27, 2023, Council authorized amending the professional services agreement with Carollo Engineers to include programming, acceptance testing, and commissioning of the new programmable logic controller (PLC) equipment; and

WHEREAS, due to supply chain issues and delays in procurement, fabrication, and delivery of a critical electrical transformer, the overall construction schedule has lengthened which has necessitated additional engineering support services during construction; and

WHEREAS, due to the extraordinarily complex in the required construction sequencing needed to replace critical existing electrical infrastructure for plant processes that must remain online at all times except for short shutdown durations, the highly specialized nature and complexity of electrical retrofits, and lack of in-house expertise in construction oversight and inspection of this type of complex electrical retrofit requiring the need to engage outside electrical engineering assistance to provide technical support and on-site inspection support services; and

WHEREAS, the City and Carollo Engineers have negotiated to increase the contract amount by \$378,774, to a not-to-exceed amount of \$1,764,354, for additional engineering support services during construction for the Switchgear Rehabilitation Project, Project No. 07656.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Hayward that the City Manager is hereby authorized and directed to amend, on behalf of the City of Hayward, the professional services agreement with Carollo Engineers, Inc., for the WRRF Switchgear Rehabilitation Project, Project No. 07656, to increase the contract amount by \$378,774, for a not-to-exceed amount of \$1,764,354, in a form approved by the City Attorney.

BE IT FURTHER RESOLVED that the City Council of the City of Hayward hereby amends the FY 2025 CIP Budget Resolution by appropriating the additional funds in the amount of \$135,154 from the Capital Improvement Project – Sewer Replacement Fund (Fund 611), increasing the budgeted amount for the Switchgear Rehabilitation Project No. 07656, from \$15,079,000 to \$15,214,154.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2024

ADOPTED BY THE FOLLOWING VOTE:

AYES: COUNCIL MEMBERS:
MAYOR:

NOES: COUNCIL MEMBERS:

ABSTAIN: COUNCIL MEMBERS:

ABSENT: COUNCIL MEMBERS:

ATTEST: _____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward