

HAYWARD CITY COUNCIL

RESOLUTION NO. 22-

Introduced by Council Member _____

RESOLUTION AUTHORIZING THE SINGLE SOURCE AGREEMENT WITH WESTERN ENERGY SYSTEMS FOR SERVICES TO THE JENBACHER COGENERATION ENGINE FOR THE WATER POLLUTION CONTROL FACILITY (WPCF) COGENERATION SYSTEM IN AN AMOUNT NOT-TO-EXCEED \$507,710 PLUS ADMINISTRATIVE CHANGE ORDERS IN AN AMOUNT EQUAL TO TEN PERCENT OF THE CONTRACT

WHEREAS, the City of Hayward (City) owns and operates the WPCF, which treats an average flow of approximately eleven million gallons per day; and

WHEREAS, in November 2014, the Jenbacher Model JGS-416 cogeneration engine was commissioned by Western Energy Systems as part of the WPCF Cogeneration Upgrade Project; and

WHEREAS, the cogeneration engine is rated to produce 1,132 kW (kilowatts) of power from biogas produced by the WPCF's anaerobic digesters, exceeding plant demand, thereby generating bill credits for other City facilities through PG&E's Renewable Energy Self-Generation Bill Credit Transfer (RES-BCT) tariff; and

WHEREAS, the cogeneration engine has surpassed its 60,000-hour engine operating milestone, and the manufacturer recommends a complete engine overhaul including a long block replacement and other critical services to continue efficient operations of the cogeneration system; and

WHEREAS, staff is requesting single source approval for Western Energy Systems to perform the engine overhaul and other recommended milestone replacements because they are the only authorized and certified parts and service provider for all Jenbacher products in the West Coast; and

WHEREAS, staff received a quote from Western Energy System in the amount of \$507,710 for the 60,000-hour service. An additional \$50,790 (or ten percent of the total amount) is requested for administrative change orders, for a total not-to-exceed amount of \$558,500; and

WHEREAS, the Adopted FY 2023 Capital Improvement Program includes sufficient funding for the project in the Sewer Improvement Fund (Fund 612), Project 07679 Cogeneration System Maintenance.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Hayward that the City Manager is hereby authorized and directed to execute the single source agreement with Western Energy Systems for the 60,000-hour service to the Jenbacher cogeneration engine in an amount not-to-exceed 507,710, in addition to administrative change orders in an amount equal to ten percent of the contract amount in a form approved by the City Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2022

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