

RESOLUTION NO. 53-19

**A RESOLUTION OF THE COUNCIL OF THE CITY OF RICHMOND, CALIFORNIA,
FOR A COGENERATION PROJECT AT THE RICHMOND WASTEWATER
TREATMENT PLANT FOR PHASE I COST OF \$1,772,048 AND PHASE II COST OF
\$3,917,926**

WHEREAS, the wastewater treatment plant process has a solids handling portion which produces digester gas, and that digester gas is currently flared and released to the air at Richmond Wastewater Water Treatment Plant (WWTP); and

WHEREAS, it would be environmentally more beneficial to reuse the digester gas to power the energy needs of the WWTP instead of flaring; and

WHEREAS, there may be cost savings to the City of Richmond ratepayers by beneficially reusing digester gas instead of purchasing electricity and natural gas; and

WHEREAS, a cogeneration unit is an appropriate technology to install to beneficially reuse digester gas; and

WHEREAS, the Richmond Water Resource Recovery Department has received a letter of intent from Chevron Corporation stating that Chevron intends to donate \$2,000,000 to the City of Richmond for a cogeneration project at the WWTP; and

WHEREAS, the Chevron grant of \$2,000,000 would pay a substantial portion of the cost of a cogeneration project and the remainder would be paid for using Wastewater Bond funding; and

WHEREAS, in January 2019 the City Water Resource Recovery Department and Veolia Water West Operating Services, Inc. issued a Request for Statement of Qualifications for a design-build Cogeneration project through the City's BidsOnline system; and

WHEREAS, 2,182 firms received the Request for Qualifications, of which one (1) design-team presented qualifications, C. Overaa & Co. (Richmond) and HydroScience Engineers (Berkeley) (Overaa/Hydroscience); and

WHEREAS, the one (1) statement of qualifications that the City received was reviewed by a panel consisting of Director of Water Resource Recovery Ryan Smith, Veolia Water West Operating Services, Inc. Representatives Laura Pagano (Senior Project Manager), and Gary Beach (Project Manager); and

WHEREAS, the panel accepted the qualifications of the design-build team, finding that the team of Overaa/HydroScience was highly qualified to design and implement a Cogeneration project; and

WHEREAS, in March 2019 the City Water Resource Recovery Department and Veolia Water West Operating Services, Inc. issued a Request for Proposals for a design-build Cogeneration project to the prequalified team of Overaa/HydroScience through the City's BidsOnline system; and

WHEREAS, in May 2019, the one (1) proposal that the City received was reviewed by a panel consisting of Director of Water Resource Recovery Ryan Smith, Public Works Director Yader A. Bermudez, Veolia Water West Operating Services, Inc. Representatives Laura Pagano (Senior Project Manager), and Gary Beach (Project Manager); and

WHEREAS, in evaluating proposals, the panel considered the following criteria:

1. Understanding of Key Issues
2. Approach to Preconstruction Services
3. Management Approach
4. Schedule Management

5. Alternative Ideas
6. Qualification & Experience
7. References
8. Compliance with City of Richmond's Local Ordinance, Local Employment Program and Living Wage Ordinance. Ban the Box Ordinance; and

WHEREAS, in May 2019, a panel consisting of Director of Water Resource Recovery Ryan Smith, Public Works Director Yader A. Bermudez, Veolia Water West Operating Services, Inc. Representatives Laura Pagano (Senior Project Manager), and Gary Beach (Project Manager) conducted an interview with design-build team of Overaa/HydroScience; and

WHEREAS, the design-build team selected was:

- Overaa/HydroScience

WHEREAS, Phase I of the project, including design of the cogeneration unit, evaluation of the flares, and demolition of the site, would be for an amount not to exceed **\$1,772,048** (Proposal cost of \$1,322,671 plus Veolia mark-up \$218,240, plus 15% contingency \$231,137).

WHEREAS, Phase II of the project, including procurement and installation of the cogeneration unit and needed flare upgrades will be separately negotiated based on the design work in Phase I but which is currently estimated at **\$3,917,926** (proposal estimate of \$2,924,370 plus Veolia mark-up \$482,522, plus 15% contingency of \$511,034); and

WHEREAS, the Water Resource Recovery Department will issue a project Task Authorization to Veolia and Veolia Water West Operating Services, Inc. will manage the subcontracts with Overaa/HydroScience.

NOW THEREFORE, BE IT RESOLVED that the City Council, of the City of Richmond, hereby authorizes the Water Resource Recovery Department to enter into a Contract with Veolia for a Cogeneration project utilizing the design-build team of Overaa/HydroScience for an amount not to exceed **\$1,772,048** for Phase I and **\$3,917,026** for Phase II.

I certify that the foregoing resolution was passed and adopted by the Council of the City of Richmond at a regular meeting thereof held June 18, 2019, by the following vote:

AYES: Councilmembers Bates, Johnson, Martinez, Myrick, Willis,
Vice Mayor Choi, and Mayor Butt.
NOES: None.
ABSTENTIONS: None.
ABSENT: None.

PAMELA CHRISTIAN
CLERK OF THE CITY OF RICHMOND
(SEAL)

Approved:

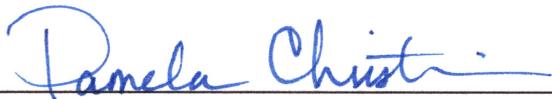
TOM BUTT
Mayor

Approved as to form:

BRUCE GOODMILLER
City Attorney

State of California }
County of Contra Costa } : ss.
City of Richmond }

I certify that the foregoing is a true copy of **Resolution No. 53-19**, finally passed and adopted by the City Council of the City of Richmond at a regular meeting held on June 18, 2019.



Pamela Christian, Clerk of the City of Richmond

CLERK'S CERTIFICATE

I, Pamela Christian, City Clerk of the City of Richmond, do hereby certify as follows:

The foregoing resolution is a full, true and correct copy of **Resolution No. 53-19** duly adopted at a regular meeting of the City Council of said City duly and regularly held at the regular meeting place thereof on the 18th day of June, 2019, of which meeting all of the members of said City Council had due notice and at which a majority thereof were present; and that at said meeting said resolution was adopted by the following vote:

AYES:	Councilmembers Bates, Johnson, Martinez, Myrick, Willis, Vice Mayor Choi, and Mayor Butt.
NOES:	None.
ABSTENTIONS:	None.
ABSENT:	None.

An agenda of said meeting was posted before said meeting at City Hall, 450 Civic Center Plaza in the City of Richmond, California, a location freely accessible to members of the public, and a brief description of said resolution appeared on said agenda.

I have carefully compared the foregoing with the original on file and of record in my office, and the foregoing is a full, true and correct copy of the original resolution adopted at said meeting.

Said resolution has not been amended, modified or rescinded since the date of its adoption and the same is now in full force and effect.

Dated: June 25, 2019.

Pamela Christian
City Clerk of the
City of Richmond

[SEAL]