

RESOLUTION NO. 72-21

A RESOLUTION OF THE COUNCIL OF THE CITY OF RICHMOND, CALIFORNIA, AUTHORIZING VEOLIA TO MANAGE PHASE I CONSTRUCTION OF THE SLUDGE THICKENER PROJECT (\$596,818.07), RENTAL OF TEMPORARY DISSOLVED AIR FLOATATION THICKENER (DAFT) UNIT (\$94,638.46), DAFT SLUDGE LINE REPAIRS (\$15,816.13), REPLACEMENT OF DAFT GEAR BOX (\$85,666.46) AND EXTRA COSTS OF CHEMICALS (\$77,000.00) TO CONTROL ODORS AT THE WASTEWATER TREATMENT PLANT LOCATED IN RICHMOND, CA FOR AN AMOUNT NOT TO EXCEED \$869,939.16

WHEREAS, the City of Richmond and Veolia Water (Veolia) are implementing high-priority Critical Improvements Projects at the City's Wastewater Treatment Plant (WWTP), which is managed and operated by Veolia; and

WHEREAS, the purpose of the projects is to replace aging and unreliable infrastructure, improve treatment operating efficiency, comply with future discharge regulations, and improve the functionality of the existing WWTP; and

WHEREAS, the improvements were identified through previous planning efforts, including the 2010 WWTP Master Plan and the 2016 WWTP Facility Plan; and

WHEREAS, the Sludge Thickener (WWTP Critical Improvements) Project will improve the efficiency of the WWTP; and

WHEREAS, this will allow the City to remain in compliance with its National Pollutant Discharge Elimination System Permit (NPDES); and

WHEREAS, the City has historically utilized a dissolved air floatation thickener (DAFT) to thicken waste activated sludge (WAS) generated by the secondary treatment process prior to digestion and further treatment at the Wastewater Treatment Plant (WWTP); and

WHEREAS, in recent years, the DAFT has become increasingly unreliable and has been taken out of service for emergency repairs on several occasions; and

WHEREAS, on August 24, 2020, the DAFT unit failed and the City and Veolia were required to take the unit out of service and rent a temporary unit from Synagro® until the existing unit was repaired for cost not to exceed **\$94,638.50**; and

WHEREAS, when the Synagro® unit was operating, the chemical usage for odor control at the WWTP increased substantially; and

WHEREAS, the estimated cost of increase chemicals required for odor controls using the temporary unit is approximately **\$77,000**; and

WHEREAS, when the out-of-service DAFT unit was examined, it was also determined that the gearbox needed to be replaced at a cost of **\$85,666.46**; and

WHEREAS, Veolia has requested purchasing an additional gearbox for the DAFT in the event the existing gearbox should fail; and

WHEREAS, the City has determined that this equipment is necessary until the new Sludge Thickener Project is completed; and

WHEREAS, in addition to the gearbox, the DAFT Sludge Line Piping also required repairs at a cost of **\$15,818.13**; and

WHEREAS, The City and Veolia decided to bid Sludge Thickener (WWTP Critical Improvements) Project in two phases;

- 1) Phase I as a design/build project with the plan that the selected design/build entity (D/BE) would be responsible for the design, construction, testing, and startup of the new thickener facilities.
- 2) Phase II construction will be bid at a later date; and

WHEREAS, the project bid specifications were sent to two D/BE entities; and

WHEREAS, the two (2) D/BE submitted cost proposals in response to the Request For Proposals (RFP) that the City and Veolia issued in September 2020 were:

- 1) Myers and Sons, Inc.
- 2) Overaa Construction, Inc.; and

WHEREAS, the two (2) contractor bids for construction that the City received were reviewed by City of Richmond Representatives: Joe Leach (Public Works Director), Yader Bermudez (Retired Annuitant), Ben Kellman (Mack 5 Consultant), Veolia Water West Operating Services, Inc. Representatives: Chandrasekar Venkatraman (Senior Project Manager), Steve Suskind (Project Manager), Brian Bruce (General Manager); and

WHEREAS, the panel of reviewers accepted the contractor bid of Myers and Sons, Inc., finding that the team was highly qualified to construct Phase I of the Sludge Thickener (WWTP Critical Improvements) Project; and

WHEREAS, the Sludge Thickener (WWTP Critical Improvements) Project construction cost will be **\$596,818.07** (contractor cost of **\$449,242** plus a 16.5% Veolia mark-up **\$74,125**), **plus** a 15% contingency of **\$73,451.07** (**\$67,386.30** plus a 9% Veolia mark-up of **\$6,064.77**); and

WHEREAS, the Water Resource Recovery Division of the Public Works Department will approve Task Authorizations issued by Veolia and Veolia Water West Operating Services, Inc. will manage the subcontracts for work related to the Sludge Thickener and DAFT Projects.

NOW THEREFORE, BE IT RESOLVED by the City Council of the City of Richmond, as follows:

Section 1. The foregoing recitals are true and correct and this City Council hereby so finds and determines:

Section 2. The Contract shall be managed by Veolia Water and a subcontract issued to Myers and Sons, Inc. for the Phase I construction of the Sludge Thicker (WWTP Critical Improvements) Project at the WWTP.

Section 3. The total cost of the Phase I of the Sludge Thickener (WWTP Critical Improvements) Project for construction shall not exceed **\$596,818.07** (contractor cost of **\$449,242** plus a 16.5% Veolia mark-up **\$74,125**), **plus** a 15% contingency of **\$73,451.07** (**\$67,386.30** plus a 9% Veolia mark-up of **\$6,064.77**) without City Council approval.

Section 4. The total cost of the DAFT Sludge Line Repairs shall not exceed **\$15,816.13** without City Council approval.

Section 5. The total cost of to purchase an additional DAFT Gearbox Drive Unit shall not exceed **\$85,666.46** without City Council approval.

Section 6. The total cost of the DAFT rental unit from Synagro® will not exceed **\$94,638.50** without City Council approval.

Section 7. The total cost of the addition chemical usage to control odors at the WWTP shall not exceed **\$77,000** without City Council approval.

Section 8. The amount of Veolia's mark-up for Phase I of the Sludge Thickener (WWTP Critical Improvements) Project shall not exceed **16.5%** on the base contract and **9%** for any change orders.

Section 9. This resolution shall take effect immediately upon its passage.

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 15, 2021, by the following vote:

AYES:	Councilmembers Bates, Jimenez, Martinez, McLaughlin, Willis, Vice Mayor Johnson III, and Mayor Butt.
NOES:	None.
ABSTENTIONS:	None.
ABSENT:	None.

PAMELA CHRISTIAN

 CLERK OF THE CITY OF RICHMOND
 (SEAL)

Approved:

THOMAS K. BUTT
 Mayor

Approved as to form:

TERESA STRICKER
 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. 72-21**, finally passed and adopted by the City Council of the City of Richmond at a regular meeting held on June 15, 2021.



 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. 72-21** 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 15th day of June 2021, 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, Jimenez, Martinez, McLaughlin, Willis, Vice Mayor Johnson III, and Mayor Butt.
NOES:	None.
ABSTENTIONS:	None.
ABSENT:	None.

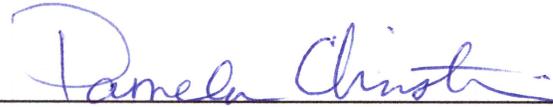
An agenda of said meeting was posted before said meeting at City Hall, 450 Civic Center Plaza in the City of Richmond, California, a location freely accessible to members of the public, and a brief description of said resolution appeared on said agenda.

Such agenda was further posted and such meeting was conducted in accordance with and pursuant to Executive Order N-29-20, signed by the Governor of the State of California on March 17, 2020 and Executive Order N-35-20, signed by the Governor of the State of California on March 21, 2020.

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 21, 2021.


City Clerk of the City of Richmond

[SEAL]