



Folsom City Council Staff Report

MEETING DATE:	10/12/2021
AGENDA SECTION:	Consent Calendar
SUBJECT:	Resolution No. 10713 - A Resolution Authorizing the City Manager to Execute an Agreement with Black & Veatch Corporation for an Evaluation and Review of the Environmental Protection Agency's 2021 Lead and Copper Rule Revisions and Identifying Compliance Requirements for the City and Appropriation of Funds
FROM:	Environmental and Water Resources Department

RECOMMENDATION / CITY COUNCIL ACTION

The Environmental and Water Resources Department recommends the City Council pass and adopt Resolution No. 10713 - A Resolution Authorizing the City Manager to Execute an Agreement with Black & Veatch Corporation for an Evaluation and Review of the Environmental Protection Agency's 2021 Lead and Copper Rule Revisions and Identifying Compliance Requirements for the City and Appropriation of Funds.

BACKGROUND / ISSUE

The Environmental and Water Resources (EWR) Department identifies projects that are critical to ensuring the delivery of adequate and high quality water supply to all water customers through water master plans, ongoing condition assessment programs, and regulatory changes. Through these efforts, the EWR Department is seeking to engage in an evaluation and review of the Environmental Protection Agency's (EPA) 2021 Lead and Copper Rule Revisions and identifying if any actions are required by the City to maintain compliance.

In October 2018, the EWR Department completed a pre-qualification process for consultants for water and wastewater projects. The consulting firm Black & Veatch Corporation was one of the firms selected as qualified to provide these services for this type of evaluation through this recently completed pre-qualification process. EWR staff evaluated the consultant

submittals based on relevant project experience, the consultant's understanding of the background and requirements of the project, qualifications and experience of the consultant's design team, and previous work with municipalities. In addition, the evaluation and review of the EPA's 2021 Lead and Copper Rule Revisions includes specialty services from the consultant including corrosion control, water chemistry, and familiarity with the City's water treatment process. Of the four consultants pre-qualified for this type of evaluation, Black & Veatch Corporation was selected because their project team includes a national expert on corrosion control, the project team has recent experience working with the City's water treatment process, and the project team has knowledge of the City's water treatment plant infrastructure.

This resolution will authorize the City Manager to execute an agreement with Black & Veatch Corporation for an evaluation and review of the EPA's 2021 Lead and Copper Rule Revisions and identifying compliance requirements for the City for a not-to-exceed amount of \$126,424.

POLICY / RULE

In accordance with Chapter 2.36 of the Folsom Municipal Code, supplies, equipment, services, and construction with a value of \$62,657 or greater shall be awarded by City Council.

ANALYSIS

On June 10, 2021, the EPA signed a final rule to extend the effective date of the Lead and Copper Rule Revisions to December 16, 2021. The EPA's new Lead and Copper Rule Revisions include new testing protocols to find and remove sources of lead in drinking water systems, establishes a lead concentration level for the replacement of lead service lines, and requires lead testing in schools and childcare facilities. Black & Veatch Corporation will perform a detailed review of the EPA's Lead and Copper Rule Revisions, identify how the updated rules will be enforced by the California Department of Drinking Water (DDW) and provide a detailed description of activities that the City will need to complete to remain in compliance. This analysis will also include a review and update of the City's Lead and Copper Rule sampling forms that are submitted to the DDW to ensure that the City remains in compliance.

Black & Veatch Corporation will perform a water quality evaluation of the City's current treatment process related to finished water quality targets to ensure compliance with the Lead and Copper Rule Revisions. Work will include bench-scale testing and analysis to compare the City's current corrosion control process to alternative corrosion control technologies and make a recommendation for the City to optimize treatment operations to maintain compliance with the Lead and Copper Rule Revisions. These results will be outlined in a Lead and Copper Rule Revisions and Corrosion Control Evaluation technical memorandum summarizing water quality modeling results with methodology and bench-scale testing procedures, possible alternate corrosion control technologies, and recommendations for water treatment plant modifications to maintain compliance with the EPA's Lead and Copper Rule Revisions.

This resolution will authorize the City Manager to execute an agreement with Black & Veatch Corporation for an evaluation and review of the EPA's 2021 Lead and Copper Rule Revisions and identifying compliance requirements for the City for a not-to-exceed amount of \$126,424.

FISCAL IMPACT

The Evaluation and Review of the Environmental Protection Agency's 2021 Lead and Copper Rule Revisions and Identifying Compliance Requirements for the City was not included in the FY 2021-22 budget. Therefore, an appropriation will be needed for the evaluation and review costs, and staff is requesting an appropriation of \$126,424. The appropriation will be in the Water Operating Fund (520). Funds are currently available for this appropriation

ENVIRONMENTAL REVIEW

This project is replacement and/or improvement of existing infrastructure with negligible or no expansion of use and therefore is categorically exempt from environmental review under the California Environmental Quality Act as noted in Title 14 – California Code of Regulations, Chapter 3 – Guidelines for Implementation of the California Environmental Quality Act, Article 19 – Categorical Exemptions, Sections 15301 (Existing Facilities), 15302 (Replacement or Reconstruction), and/or 15304 (Minor Alterations to Land).

ATTACHMENT

Resolution No. 10713 - A Resolution Authorizing the City Manager to Execute an Agreement with Black & Veatch Corporation for an Evaluation and Review of the Environmental Protection Agency's 2021 Lead and Copper Rule Revisions and Identifying Compliance Requirements for the City and Appropriation of Funds

Submitted,

Marcus Yasutake, Director
ENVIRONMENTAL AND WATER RESOURCES DEPARTMENT

RESOLUTION NO. 10713

A RESOLUTION AUTHORIZING THE CITY MANAGER TO EXECUTE AN AGREEMENT WITH BLACK & VEATCH CORPORATION FOR AN EVALUATION AND REVIEW OF THE ENVIRONMENTAL PROTECTION AGENCY'S 2021 LEAD AND COPPER RULE REVISIONS AND IDENTIFYING COMPLIANCE REQUIREMENTS FOR THE CITY AND APPROPRIATION OF FUNDS

WHEREAS, the City identified that the evaluation and review is critical to ensuring the treatment of high quality water supply to be delivered to all water customers; and

WHEREAS, the Environmental Protection Agency's 2021 Lead and Copper Rule Revisions require modifications to the City's existing lead and copper sampling plan for compliance; and

WHEREAS, Black & Veatch Corporation, by reason of their past experience and abilities for performing these types of services, are qualified to perform the required consulting services for the project; and

WHEREAS, sufficient funds are available in the Water Operating Fund (Fund 520), however an appropriation in the amount of \$126,424 is need for the analysis and review; and

WHEREAS, the agreement will be in a form acceptable to the City Attorney:

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Folsom authorizes the City Manager to execute an agreement with Black & Veatch Corporation for an evaluation and review of the Environmental Protection Agency's 2021 Lead and Copper Rule Revisions and identifying compliance requirements for the City for an amount not-to-exceed \$126,424.

BE IT FURTHER RESOLVED that the Finance Director is directed to appropriate \$126,424 to the FY 2021-22 Water Operating Fund (Fund 520) for this agreement. The appropriation will be from fund balance which is currently available.

PASSED AND ADOPTED this 12th day of October 2021, by the following roll-call vote:

AYES: Councilmember(s):
NOES: Councilmember(s):
ABSENT: Councilmember(s):
ABSTAIN: Councilmember(s):

Michael D. Kozlowski, MAYOR

ATTEST:

Christa Freemantle, CITY CLERK