



CITY OF HAYWARD

Hayward City Hall
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Cover Memo

File #: CONS 24-637, **Version:** 1

DATE: December 17, 2024

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT

Adopt a Resolution Authorizing the City Manager to: Award a Construction Contract to Redwood Painting Co., Inc., for the Water Resource Recovery Facility (WRRF) North Vacuator Rehabilitation Project in a Not-to-Exceed Amount of \$358,481; Enter into a Professional Services Agreement with Coating Specialists and Inspection Services, Inc., in a Not-to-Exceed Amount of \$44,080; and Appropriate Funds in the Amount of \$402,561

RECOMMENDATION

That Council adopts the attached resolution (Attachment II) authorizing the City Manager to award a construction contract to Redwood Painting Co., Inc., (Redwood) for the Water Resource Recovery Facility (WRRF) North Vacuator Rehabilitation Project in an amount not-to-exceed \$358,481; enter into a professional services agreement with Coating Specialists and Inspection Services Inc., in an amount not-to-exceed \$44,080; and appropriation of funds in the amount of \$402,561 from the Sewer System Replacement Fund (Fund 611).

SUMMARY

The North Vacuator at the WRRF has been out of service for close to a year and is in need of repair. The approximately 50-foot-diameter, 20-foot-tall concrete structure was built in 1958 and includes mechanical components and a self-supported concrete dome roof. In January 2024, the North Vacuator was shut down after a failure of the internal rotating sludge/scum collector occurred. Subsequent inspections by WRRF staff revealed severe corrosion of the internal rotating mechanism with subsequent failure of internal parts, as well as some degradation of the interior dome concrete surfaces due to coatings failure and exposure to hydrogen sulfide.

Coating Specialists and Inspection Services, Inc., (CSI) was engaged to perform a condition assessment of the North Vacuator. CSI conducted a maintenance inspection on April 25, 2024 and presented the results of their findings in a report dated June 21, 2024. Overall, CSI judged the exterior of the North Vacuator to be in a satisfactory condition, while determining the interior needs repairs. The underside of the concrete dome was found to be in poor condition with heavy to severe corrosion including structural loss and localized areas of exposed rebar. The metallic elements within the tank, including the piping, were found to be heavily corroded with some structural loss. In addition, CSI noted that the tank lining was at the end

of its service life and in need of replacement.

Staff prepared a request for quote (RFQ#25-019) package for the repairs that was subsequently posted for bids on November 5, 2024 by the Purchasing Division. On November 22, 2024, four (4) bids were received ranging from \$341,410 to \$594,355. Redwood submitted the low bid of \$341,410, which was 21% below the Engineer's Estimate of \$430,000. Staff reviewed the bids, and have determined the low bidder, Redwood to be responsive and qualified to perform this work. Because the nature of this work involves retrofit of an existing structure, and because additional issues may be uncovered during surface preparation (sand blasting) of existing surfaces, a change order contingency of 5% is recommended in the event of unforeseen conditions or if additional coatings or repairs are necessary over and above what was identified in the RFQ package. Staff recommend awarding the construction contract to the lowest responsive and responsible bidder, Redwood, in an amount not-to-exceed \$358,481, including Administrative Change Orders.

This project is categorically exempt from environmental review under Section 15301(c) of the California Environmental Quality Act (CEQA) Guidelines for the operation, repair, maintenance, or minor alteration of existing facilities.

ATTACHMENTS

Attachment I	Staff Report
Attachment II	Resolution