

CITY OF SANTA ROSA  
BOARD OF PUBLIC UTILITIES

TO: BOARD OF PUBLIC UTILITIES  
FROM: TANYA MOKVYTS, WATER REUSE ENGINEER  
SANTA ROSA WATER  
SUBJECT: PROJECT WORK ORDER APPROVAL – LAGUNA TREATMENT  
PLANT AERATION BASINS IMPROVEMENT PROJECT

AGENDA ACTION: MOTION

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RECOMMENDATION

It is recommended by the Transportation and Public Works Department, the Water Department and the Contract Review Subcommittee that the Board of Public Utilities, by motion, approve Project Work Order (PWO) No. A010171-2016-22 under the Master Professional Services Agreement with Kennedy/Jenks Consultants, Inc., to provide Design Services for Laguna Treatment Plant Aeration Basins Improvement Project, in the amount not to exceed \$1,019,739.00.

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EXECUTIVE SUMMARY

This proposed action will approve a contract with Kennedy/Jenks Consultants, Inc., to provide condition assessment, alternatives analysis and design services for the Laguna Treatment Plant (LTP) Aeration Basins Improvement Project.

BACKGROUND

The City of Santa Rosa owns and maintains four aeration basins that are used for the biological treatment of primary effluent. The aeration system utilizes a low-pressure air supply system that provides air to the aeration tanks. Low-pressure air is also used for channel aeration (primary effluent, mixed liquor, and RAS) to prevent solids from settling in the channels. Aeration Basins 1 and 2 were constructed in 1975. Aeration Basins 3 and 4 were constructed in 1995. All four aeration basin systems were retrofitted in 2002; however, LTP staff recently noticed air leakage at air valves and pipes.

This project work order will allow for the condition assessment and evaluation of cost-effective alternatives and provide recommendations and design to rehabilitate the low-pressure aeration system, weirs, appurtenances, mixed liquor and settle sewage channels.

PROJECT WORK ORDER APPROVAL – LAGUNA TREATMENT PLANT AERATION  
BASINS IMPROVEMENT PROJECT  
PAGE 2 OF 3

PRIOR BOARD OF PUBLIC UTILITIES REVIEW

None

ANALYSIS

A Request for Proposals (RFP) for Alternatives Evaluation and Engineering Design Services under Professional Services Agreement was issued on August 16, 2021. Of the five hundred twenty-two (522) firms notified of this posting, one (1) proposal was received by the November 1, 2021 deadline.

A review panel evaluated and scored the proposal in accordance with Government Code 4526, which requires that public agencies enter into contracts for engineering services based on demonstrated competence and professional qualifications and at a fair and reasonable price to the public agencies. The review panel was comprised of the Deputy Director - Regional Water Reuse Operations, the Regional Treatment Plant Superintendent, the Regional Mechanical Superintendent, and the Associate Civil Engineer.

The proposal was evaluated and scored based on the following criteria:

- Responsiveness to Requirements, Terms, and Conditions of the RFP
- Qualifications of the Project Team
- Consultants understanding of the LTP aeration system and constraints
- Understanding of the work to be completed
- Demonstrated technical ability
- Demonstrated performance and project additional considerations

Kennedy/Jenks Consultants, Inc., was selected as the qualified consultant for this project. Kennedy/Jenks Consultants, Inc., has a history of successfully working with the City and has expertise in aeration system rehabilitation, including the ongoing PID 2366 LTP Aeration Header Improvements project and PID 2282 Subregional System On-Call Engineering Services.

Kennedy/Jenks Consultants, Inc., fee estimate was reviewed and determined to be reasonable and fair for the proposed scope of work.

Project initiation is anticipated to begin in February of 2022 and be completed by October of 2026.

FISCAL IMPACT

Approval of this contract has no additional impact on the budget. Funds for this project were included in the FY2021/2022 Water Budget.

PROJECT WORK ORDER APPROVAL – LAGUNA TREATMENT PLANT AERATION  
BASINS IMPROVEMENT PROJECT  
PAGE 3 OF 3

ENVIRONMENTAL IMPACT

This action is exempt from the California Environmental Quality Act (CEQA) pursuant to CEQA Guideline sections 15301(b) and 15302(c), in that the project involves repair, replacement or reconstruction of existing utility systems and/or facilities involving negligible or no expansion of capacity.

BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

The proposed PWO was presented to the BPU Contract Review Subcommittee on January 13, 2022 for review. The Contract Review Subcommittee recommended approval of the proposed PWO.

ATTACHMENTS

- Attachment 1 – Project Work Order Agreement

CONTACT

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