

CITY OF SANTA ROSA
BOARD OF PUBLIC UTILITIES

TO: BOARD OF PUBLIC UTILITIES

FROM: CHRIS BALANESI, ASSOCIATE CIVIL ENGINEER
TRANSPORTATION AND PUBLIC WORKS

SUBJECT: PROFESSIONAL SERVICES AGREEMENT APPROVAL –
ENGINEERING DESIGN SERVICES FOR THE DELTA POND
STANDBY GENERATOR AND LTP ANNEX BOILER
REPLACEMENTS

AGENDA ACTION: MOTION

RECOMMENDATION

It is recommended by the Contract Review Subcommittee of the Board, Santa Rosa Water, and the Transportation and Public Works (TPW) Department that the Board of Public Utilities (Board), by motion, approve a Professional Services Agreement with Integrated Project Solutions, of Walnut Creek, California, to provide Professional Engineering Design Services for the Delta Pond Standby Generator and LTP Annex Boiler Replacements project in an amount not to exceed \$392,282.

EXECUTIVE SUMMARY

This motion will approve a Professional Services Agreement in the amount of \$392,282 with Integrated Project Solutions of Walnut Creek, California, for engineering design and permitting services associated with the Delta Pond Standby Generator and LTP Annex Boiler Replacements project.

BACKGROUND

The Delta Pond Standby Generator and Laguna Treatment Plant (LTP) Annex Boiler Replacements project (Project) will rehabilitate critical infrastructure ancillary to the Santa Rosa Regional Water Reuse System.

Delta Pond is the largest recycled water storage pond within the Reuse System. The first component of the Project focuses on enhancing the standby emergency power capabilities serving the Delta Pond pump station, which delivers water from Delta Pond to the West College recycled water mainline. The pump station access is through a

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Sonoma County Water Agency flood control access road located off Hall Road. 12kv power is supplied to the pump station through PG&E overhead power distribution from Hall Road. During winter storms the access road is subject to significant flooding, restricting vehicles and maintenance access. This component of the Project will provide the necessary standby emergency power capabilities to keep valves and controls ancillary to the Delta Pond pump station operational in the event of power failure or flooding in the area.

The second component of the Project focuses on the replacement of the boiler system located within the LTP Annex building. Heated water is generated from the LTP Combined Heat & Power (CHP) engines and conveyed to the primary treatment anaerobic digesters. Two existing gas-fired plant boilers located in the Annex building are used as a secondary heat source and operate when heating demands are high or when the CHP engines are not running. The two boilers were commissioned in the mid-1990s and have reached the end of their service life, with one non-compliant boiler due to operational hours exceeding emission requirements. This Project will replace both units.

PRIOR BOARD REVIEW

On April 2, 2024, the Board of Public Utilities Contract Review Subcommittee recommended approval of the Professional Services Agreement for this Project.

ANALYSIS

TPW solicited engineering proposals on Planet Bids, on October 23, 2023. The City of Santa Rosa (City) received one proposal by the November 20, 2023, deadline from Integrated Project Solutions (IPS), of Walnut Creek, California.

A City review panel made up of an Associate Civil Engineer, a Quality Control Associate, and a Supervising Engineer reviewed and evaluated the proposal.

Staff performed a review of IPS' proposal with consideration to the contractor's proposed project team structure and qualifications, work plan, referenced projects, and cost proposal. Staff's audit of references concluded with favorable input from other public agencies administering similar projects and work performed by IPS. Lastly, the City reviewed Integrated Project Solutions estimate and determined it to be reasonable for the scope of work.

The solicitation, evaluation, and award of this Professional Services Agreement is in accordance with Council Policy 600-01.

FISCAL IMPACT

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Approval of this contract has no additional impact on the budget. Funds for this project were previously appropriated in Santa Rosa Water's Capital Improvement Program Budget.

ENVIRONMENTAL IMPACT

This Professional Services Agreement is exempt from the provision of the California Environmental Quality Act (CEQA) pursuant to CEQA Guidelines Section 15061(b)(3) and 15378 in that there is no possibility that the implementation of this action may have significant effects on the environment, and no further environmental review is required. Further, the replacement of the generator and boiler system is exempt from the provisions of the California Environmental Quality Act (CEQA) under CEQA Guidelines Section 15301(b and d) and Section 15302(c) because the project consists of the minor alteration of existing public facilities involving negligible or no expansion of the existing use.

BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

Not applicable.

ATTACHMENTS

- Attachment 1 – Location Map
- Attachment 2 – Professional Services Agreement with Integrated Project Solutions, Inc.

PRESENTER

Chris Balanesi, Associate Civil Engineer