

CITY OF SANTA ROSA  
BOARD OF PUBLIC UTILITIES

TO: BOARD OF PUBLIC UTILITIES  
FROM: GREG DWYER, ASSOCIATE CIVIL ENGINEER  
TRANSPORTATION AND PUBLIC WORKS DEPARTMENT  
BRANDALYN TRAMEL, PURCHASING AGENT  
FINANCE DEPARTMENT  
SUBJECT: APPROVAL OF AMENDMENT TO PURCHASE ORDER FOR  
BACKUP GENERATORS AT WATER AND WASTEWATER  
FACILITIES

AGENDA ACTION: MOTION

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RECOMMENDATION

It is recommended by the Transportation and Public Works Department, the Finance Department, and the Water Department that the Board of Public Utilities, by motion, approve an amendment to Purchase Order No. 167100 with Peterson Power Systems, Inc., of San Leandro, California, for the purchase of eighteen (18) Backup Generators for Water and Wastewater Facilities, increasing the Purchase Order amount by \$145,753.17, for a total not-to-exceed amount of \$1,721,463.17.

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EXECUTIVE SUMMARY

This motion will approve an amendment to Purchase Order No. 167100, with Peterson Power Systems, Inc., to increase the Purchase Order by \$145,753.17 to cover the 9.25% sales tax for the purchase of new emergency generators and related equipment for eighteen (18) critical water pump stations and wastewater lift stations within the City of Santa Rosa, for a total not-to-exceed amount of \$1,721,463.17.

BACKGROUND

This project will upgrade emergency generators at eighteen (18) critical water and wastewater facilities in response to lessons learned in the 2017 Tubbs Fire and is part of the greater effort to harden the City's infrastructure against future hazards. These upgrades will improve system resiliency by increasing power capacities, transitioning to more reliable fuel, and replacing aging equipment. They will also decrease greenhouse gas emissions.

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Many of the current emergency generators at water pump stations and sewer lift stations are “dual-fuel,” able to burn either natural gas or propane. During and following the Tubbs fire in 2017, PG&E turned off natural gas and the City had difficulty refueling propane-powered emergency generators. Previously identified mechanical issues with these generators were also highlighted at this time. It was determined that replacing the “dual-fuel” generators with diesel generators, which can be refueled using City fleet vehicles, would be in the best interest of the City.

In 2018, the City applied for Federal Emergency Management Agency (FEMA) Hazard Mitigation Grant Program funds through the California Governor’s Office of Emergency Services (Cal OES). These funds were awarded in late 2019 to provide reimbursement for 75% of design, construction, and construction management costs on this project.

The Board, by motion, approved Purchase Order No. 167100 (PO) with Peterson Power, Inc., for purchase of eighteen generators to be installed at critical water and wastewater facilities in the not-to-exceed amount of \$1,575,710.00 on June 16, 2022. The City has received nine (9) of eighteen (18) generators to date and is preparing for installation by Terracon Constructors, Inc., via Construction Contract No. C02256, as approved by the Board on August 18, 2022. During invoice processing for the (9) generators received, staff determined the required 9.25% sales tax, amounting to an additional \$145,753.17, was not included in the quote from Peterson Power, Inc. or in the original PO.

All contract documents associated with this project contain the appropriate Federal provisions for the procurement of goods, and professional and construction services.

#### PRIOR BOARD OF PUBLIC UTILITIES REVIEW

On June 16, 2022, the Board, by motion, approved Purchase Order No. 167100 with Peterson Power, Inc. for purchase of eighteen generators to be installed at critical water and wastewater facilities in the amount not-to-exceed \$1,575,710.00.

#### ANALYSIS

Upgrading emergency generators at eighteen (18) critical water and wastewater facilities will assist in the City’s effort to harden infrastructure against future hazards, improve system resiliency, use more reliable fuel, replace aging equipment, and decrease greenhouse gas emissions. Purchase of the generators for this project was scheduled separately from, and ahead of, construction contract award due to the long lead time for manufacture and delivery.

The City issued Request for Proposals 21-44 on July 28, 2021, and received three (3) proposals by August 26, 2021. A review panel composed of City staff familiar with generator projects evaluated the proposals. Panel members included an Associate Civil Engineer, Utility System Supervisor, Quality Control Associate, Supervising

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Instrumentation Technician, and the City's Fleet Superintendent. Peterson Power Systems, Inc. was selected as the most qualified vendor for the project due to their ability to meet a comprehensive list of requirements including compatibility with existing City facilities, physical dimensions, tank capacity, performance criteria and the ability to meet project delivery requirements.

The City has received nine (9) of eighteen (18) generators to date and is preparing for installation. During invoice processing for the generators received, City staff determined the required 9.25% sales tax, amounting to an additional \$145,753.17, was not included in the quote from Peterson Power or in the original PO. City staff recommends increasing the PO amount by \$145,753.17, for a total not-to-exceed amount of \$1,721,463.17.

#### FISCAL IMPACT

Funds for this project were previously appropriated in the fiscal year 2021-22 Capital Improvement Program budget.

#### ENVIRONMENTAL IMPACT

This action has been determined statutorily exempt from the California Environmental Quality Act (CEQA) under section 15269 (c) (ii), which includes improvements to essential public service infrastructure facilities designed to mitigate future emergencies.

The use of Federal funds obligates compliance with the National Environmental Policy Act (NEPA). This action is categorically excluded from NEPA under FEMA category code N18, which includes construction or installation of measures for the purpose of ensuring continuity of operations during emergencies.

#### BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

Not applicable.

#### ATTACHMENTS

- Attachment 1 – Purchase Order No. 167100 including Attachments
- Attachment 2 – Location Map and Information

#### CONTACT

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