Agenda Item # 7.6
For Board Meeting of: May 15, 2025

CITY OF SANTA ROSA
BOARD OF PUBLIC UTILITIES

TO: BOARD OF PUBLIC UTILITIES
FROM: CHRIS BALANESI, ASSOCIATE CIVIL ENGINEER
TRANSPORTATION AND PUBLIC WORKS
SUBJECT: PROJECT WORK ORDER NO. A010139-2016-33 APPROVAL – ENGINEERING DESIGN SERVICES FOR THE MCMINN AVE AND HUGHES AVE SEWER, WATER, AND STORM DRAIN IMPROVEMENTS PROJECT

AGENDA ACTION: MOTION

RECOMMENDATION

It is recommended by Santa Rosa Water and the Transportation and Public Works (TPW) Department that the Board of Public Utilities (Board), by motion, approve Project Work Order No. A010139-2016-33 under the Master Professional Services Agreement with Coastland DCCM, of Santa Rosa, California, to provide Professional Engineering Design Services for the McMinn Ave and Hughes Ave Sewer, Water, and Storm Drain Improvements project in an amount not to exceed $627,317.00.

EXECUTIVE SUMMARY

This motion will approve a Project Work Order (PWO) in the amount of $627,317.00 with Coastland DCCM (Coastland) of Santa Rosa, California, for engineering design services associated with the McMinn Ave and Hughes Ave Sewer, Water, and Storm Drain Improvements project.

BACKGROUND

The objective of this project is to improve water, sewer, and storm drain utilities along McMinn Avenue, Hughes Avenue, Emerald Court, and Ruby Court.

A 2014 City of Santa Rosa (City) Water Master Plan Update identified the existing water system within the project area, originally installed between 1941 and 1947, as aged, substandard, at the end of its useful life, and undersized for fire flow demands in the majority of the system. A separate analysis by the City has also identified the existing water system as having a moderate to severe likelihood of failure (LOF).

An analysis of the existing sewer trunk system within the project area, originally installed in 1946, has also identified it as aged, sub-standard, undersized, nearing the end of its useful life, and exhibiting a significant number of structural defects and cracking throughout.

Two separate existing storm drain systems serve the project area: one located on Sebastopol Road, between West and McMinn Avenues, and another at McMinn Avenue, extending from a small collection system on West Court. These areas experience frequent flooding events, resulting in numerous public complaints.

This project will upgrade the water, sewer, and storm drain systems to current standards, ensuring adequate fire flows, mitigating the potential for pipe failures, and bringing the mains in this area up to current standards.

The proposed project will upsize existing 4-inch diameter cast iron water mains with approximately 2,900 linear feet (LF) of new 8-inch Ductile Iron Pipe (DIP) water main and system appurtenances; upsize existing clay sewer mains with approximately 1,300 LF of new 8-inch sewer main and 1,300 LF of 15-inch sewer main and system components; and install 1,900 LF of new storm drain and system components within McMinn Avenue, north to south from Sebastopol Road to Roseland Creek. All existing utilities will be either abandoned in place or removed.

Given the magnitude of the proposed utilities, a full road reconstruction is planned for the entire project limits, including upgrading pedestrian ramps to comply with current Americans with Disabilities Act standards.

Lastly, the project area has been identified as having the potential for a Low Impact Development (LID) installation to serve as a mitigation bank for City project needs where onsite application is infeasible. The LID installation would address the mitigation needs for various City projects, as well as the requirements of the Roseland Creek Community Park development.

PRIOR BOARD REVIEW

None.

ANALYSIS

1. The proposed PWO exceeds $500,000 and thus requires BPU approval.
2. On February 3, 2025, TPW solicited proposals for engineering design services from professional consulting firms having Master Professional Services

Agreements with the City, in accordance with Council Policy 600-01. The City received 3 (three) responsive proposals by the March 10, 2025, deadline via the City's online bid and proposal system, "PlanetBids."

3. A TPW review panel, comprised of an Associate Civil Engineer, a Quality Control Associate, two Engineering Technicians, and a Supervising Engineer, reviewed and evaluated the proposals. Coastland was selected based on its proposed project team structure and qualifications, work plan, referenced projects, and consultant fee. Coastland's fees fell within estimated industry standards and were consistent with the City's anticipated cost estimate.

FISCAL IMPACT

Approval of this PWO has no additional impact on the budget. Funds for this project were previously appropriated in the Capital Improvement Program Budget.

ENVIRONMENTAL IMPACT

Pursuant to CEQA Guidelines Section 15378, the proposed action is not a "project" subject to the California Environmental Quality Act (CEQA) because it does not have a potential for resulting in either a direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment. In the alternative, the proposed action is exempt from CEQA pursuant to CEQA Guidelines Section 15061(b)(3) because it can be seen with certainty that there is no possibility that the project may have a significant effect on the environment.

BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

Not applicable.

ATTACHMENTS

- Attachment 1 – Location Map
- Attachment 2 – Project Work Order

PRESENTER

Chris Balanesi, Associate Civil Engineer