

CITY OF SANTA ROSA  
BOARD OF PUBLIC UTILITIES

TO: BOARD OF PUBLIC UTILITIES  
FROM: DAVE MONTAGUE, SUPERVISING ENGINEER  
MARK KASRAIE, PE; ASSOCIATE CIVIL ENGINEER  
CAPITAL PROJECTS ENGINEERING  
SUBJECT: PROFESSIONAL SERVICES AGREEMENT – FIRE RELATED  
REPAIRS OF UTILITY STATIONS

AGENDA ACTION: MOTION

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RECOMMENDATION

It is recommended by the Transportation and Public Works Department that the Board of Public Utilities, by motion, approve the Professional Services Agreement (PSA) with HydroScience Engineers, Inc., of Berkeley, CA, for design services associated with the repair of various water and sewer facilities, which were damaged in the Tubbs Fire in an amount not to exceed \$399,564.

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EXECUTIVE SUMMARY

This motion will award the Professional Services Agreement for design services associated with the repairs of fifteen (15) water and sewer utility stations that were damaged in the Tubbs Fire.

BACKGROUND

The Tubbs Fire damaged ten (10) water facilities and five (5) sewer lift stations in the Fountaingrove neighborhood. Preliminary damage assessments and FEMA site inspections were performed to scope damages.

Each facility is shown below by FEMA Project Number and station number:

**FEMA Project 36373 – Potable Water Pump Stations and Reservoirs:**

- Station 1: Replace chain-link fencing and gates, building water-proofing, communications antenna, drip irrigation, and backflow preventer.
- Station 2: Replace chain-link fencing and gates, facility signage, drip irrigation, and backflow preventer.
- Station 3: Replace chain-link fencing and gates, drip irrigation, and backflow preventer.

- Station 5: Replace chain-link fencing and gates, drip irrigation, and various irrigation appurtenances.
- Station 18: Replace chain-link fencing and gates, and drip irrigation.
- Well 6 (Sharon Park Well): Demolish destroyed electrical equipment, concrete pads, and well discharge piping and construct CASGEM monitoring well.
- Reservoir 2A: Replace two (2) chain-link fence top rails that were damaged by a falling tree.
- Reservoir 5: Recoat tank as needed to repair peeling and bubbling that occurred as a direct result of heat and fire exposure. Replace redwood and chain-link fencing, drip irrigation, backflow preventer, and facility signage.
- Reservoir 6: Replace chain-link fencing and gates, facility signage, drip irrigation, backflow preventer, and exterior light fixture and electrical box.
- Reservoir 17: Replace facility perimeter fencing.

#### **FEMA Project 36375 – Sewer Lift Stations:**

- Sewer Lift Station 3: Replace damaged chain-link fencing, drip irrigation, and a backflow preventer.
- Sewer Lift Station 5: Repair damaged generator housing unit, replace chain-link fencing and gates, and repair asphalt damage.
- Sewer Lift Station 18: Replace chain-link fencing mesh, facility sign, and backflow preventer.
- Sewer Lift Station 21: Replace chain-link fencing and gates, backflow preventer, and other minor facility appurtenances.

#### **FEMA Project 37303 – Sewer Lift Station 1:**

- Replace the emergency backup generator that was destroyed by the Tubbs Fire. Scope of work also includes replacing chain-link fencing and gate, facility signage, and backflow preventer.

#### **PRIOR BOARD OF PUBLIC UTILITIES REVIEW**

None

#### **ANALYSIS**

The Request for Proposal was released June 20, 2018 to 413 professional firms, and there were 35 prospective bidders. One (1) proposal was received on July 6, 2018, from HydroScience Engineers, Inc. Construction is estimated at approximately \$2.8M. The design contract amount of \$399,564 represents approximately 14% of the total construction cost. Design completion is anticipated June 2019.

After Consultant Site Inspections and Project Kick-off, the Consultant will develop the construction plans, specifications, and engineers cost estimates.

## FISCAL IMPACT

The Agreement documents were prepared to meet FEMA procurement guidelines and the City will seek reimbursements for the design services.

Approval of this contract has no additional impact on the budget. Funds for this project were appropriated in the fiscal year 2018-19, Capital Improvement Program budget.

## ENVIRONMENTAL IMPACT

This action is exempt from the California Environmental Quality Act (CEQA), pursuant to CEQA Guideline Section 15269 for emergency projects, in that it involves repairs to facilities necessary to maintain service essential to the public health, safety or welfare.

## BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

None

## ATTACHMENTS

- Attachment 1 – Professional Services Agreement (PSA)
- Attachment 2 – Location Map

## CONTACT

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