

# Emergency Generator Engine Radiators and Fuel Tank Replacement and LTP Fleet Gasoline Fueling Station Alternatives Evaluation and Engineering Design Services



Professional Services Agreement Approval  
Tetyana Mokvyts, Water Reuse Engineer  
Board of Public Utilities  
June 18, 2020

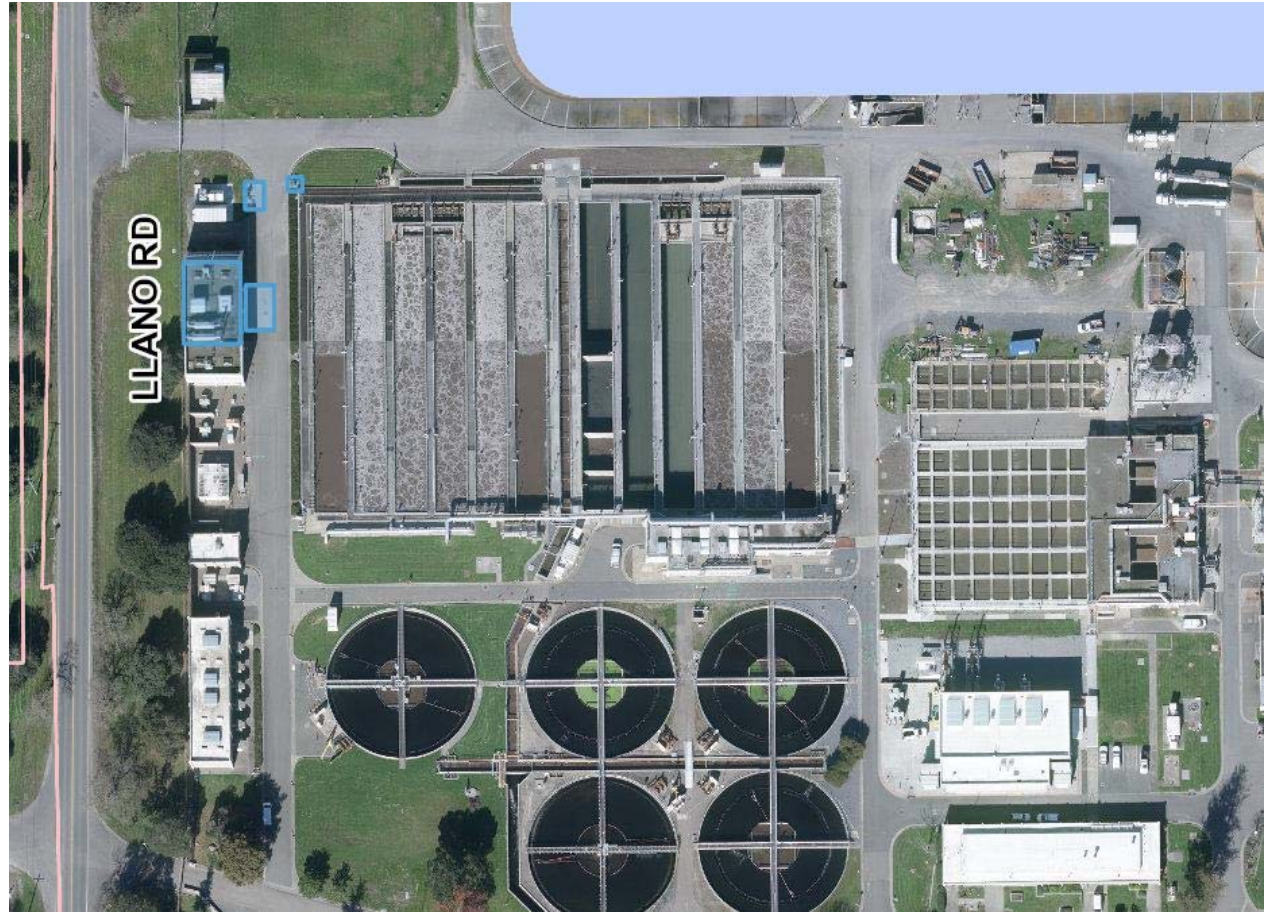
# Today's Presentation

- **Project Location**
- **Project Components**
  - Emergency Generator Engine Radiators Replacement
  - Emergency Generator Fuel Tank Replacement
  - Gasoline Fueling Station
- **The RFP Process**
- **The Selection Process**
- **Recommendation**



# Project Location

- Emergency Generator Engine Radiators Replacement
- Emergency Generator Fuel Tank Replacement
- Gasoline Fueling Station



# Emergency Generator Engine Radiators Replacement

- Two Standby  
Emergency Generators
- Two Radiators
- 1991 and 1995  
Manufactured
- Both Radiators Leak  
and at the End of  
Useful Life



# Emergency Fuel Tank Replacement

- 15,000-gal Double Wall Fiberglass Diesel Fuel Underground Storage Tank
- Storage Tank Critical During Power Outage
- Installed in 1991
- Outer Wall is Deformed
- The Tank is at the End of Useful Life



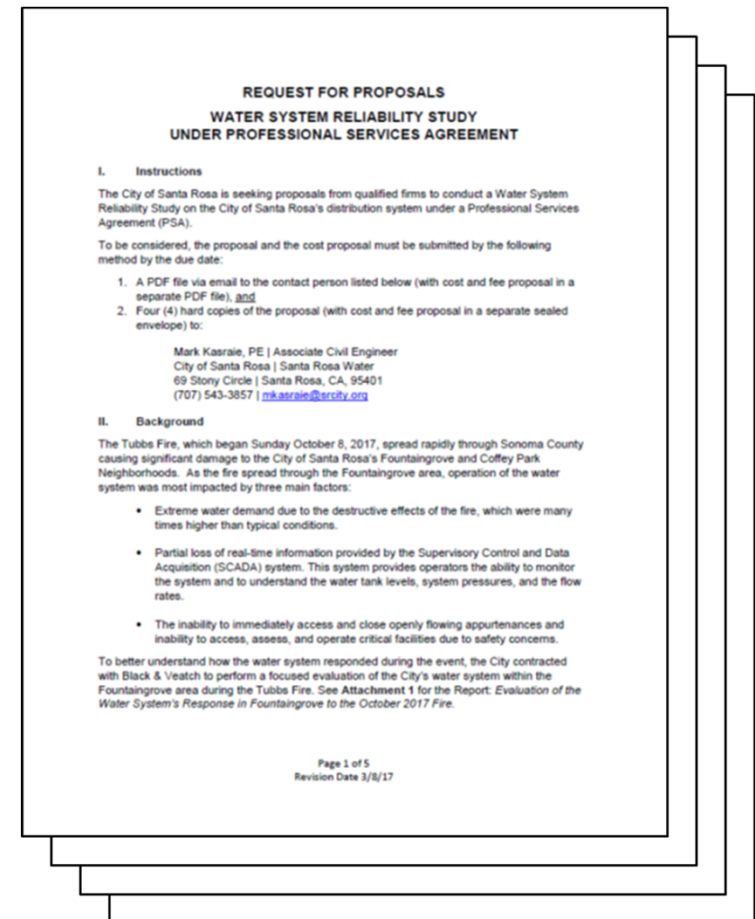
# Gasoline Fueling Station

- Existing Diesel Fueling Station
- Closest Gasoline Fueling Station at 3000 Llano Rd.
- Providing Gasoline Station at LTP Would Allow Operational Efficiency and Resiliency Especially During Emergencies
- Design, Construction, and Permitting Efficiency Simultaneously with Emergency Generator Fuel Tank Replacement



# The RFP Process

- Advertised on October 23, 2019
- No Proposals Received
- Limited Pool of Qualified Engineering Consultants
- Commitment to Other Projects Prevented from Submitting Proposals
- Proposals Requested from Brown and Caldwell and Jacobs Engineering
- Proposals Received on January 21, 2020



# The Selection Process

- **Proposals Evaluated in Accordance with Government Code 4526**
- **Review Panel**
  - Deputy Director Regional Water Reuse Operations
  - Regional Treatment Plant Superintendent
  - Regional Mechanical Superintendent
  - Water Reuse Engineer
- **Evaluation and Scoring Criteria**
  - Responsiveness to Requirements, Terms, and Conditions of the RFP
  - Qualifications of the Project Team
  - Availability and Ability to Perform the Scope of Services in a Timely Manner
  - Understanding of the Work to be Completed
  - Previous Experience and Demonstrated Technical Ability
  - Reference Response and Demonstrated Performance



# The Selection Process

- **Jacobs Demonstrated**
  - Superior Previous Experience
  - Project Specific Technical Expertise
  - In-depth Knowledge to Streamline the Permitting Process
- **Design Fee in Alignment with Staff Expectations and Budget**
- **Jacobs Selected as Preferred Consultant on February 27, 2020**
- **Contract Review Subcommittee Review on May 15, 2020**
  - Unanimous Recommendation by Subcommittee to Approve Contract

## Recommendation

It is recommended by the Water Department and the Contract Review Subcommittee that the Board of Public Utilities, by motion, approve a Professional Services Agreement (PSA) with Jacobs Engineering Group Inc. to provide professional engineering services for the Emergency Generator Engine Radiators and Fuel Tank Replacement and LTP Fleet Gasoline Fueling Station Alternatives Evaluation And Engineering Design Services in the amount not to exceed \$514,879.