



# **MIDWAY CITY SANITARY DISTRICT**

**Serving the Community of Westminster and Midway City since 1939**

## 1. Introduction

Midway City Sanitary District (District) is seeking proposals for quarterly pumps preventive maintenance and yearly wet-well cleaning at District's four sewer lift stations. All lift stations are located in the City Westminster. Each lift station has two pumps, 8 pumps total. All pumps are Wemco. The discharge for each pump will be as follows: (2) 210 GPM, (2) 770 GPM, and (4) 1300 GPM.

Lift station pumps are critical components of wastewater management systems, ensuring efficient transport of sewage from lower to higher elevations. Preventive maintenance is essential to minimize downtime, extend equipment lifespan, and ensure reliable operation. This proposal outlines a comprehensive preventive maintenance plan for lift station pumps.

## 2. Objectives

- Ensure continuous and reliable operation of lift station pumps.
- Minimize the risk of unexpected breakdowns and associated costs.
- Extend the lifespan of pumps and related equipment.
- Maintain compliance with regulatory standards for wastewater management.

## 3. Scope of Work

The preventive maintenance plan will cover the following areas at four lift stations:

- Quarterly Pumps Preventive Maintenances:
  - Inspections: Inspections to check pump performance, motor conditions, and operational parameters.
  - Lubrication: Ensure proper lubrication of bearings and moving parts as per manufacturer recommendations.
  - Electrical Systems: Inspect electrical connections, wiring, and controls for any signs of wear or corrosion.

Request For Proposal (RFP) for Pumps Preventive Maintenance and Wet-well Cleaning  
07/03/2024

- Mechanical Components: Check alignment, couplings, and seals; perform adjustments and replacements as necessary.
- Pump Performance Testing: Conduct periodic tests to assess pump efficiency and flow rates.
- Cleaning: Remove debris and sediment from pumps to prevent clogging and damage.
- Safety Checks: Verify safety features such as alarms, emergency shut-offs, and ventilation systems.
- Yearly Wet-well Cleaning:
  - Cleaning: Cleaning to remove FOG, debris, and sediment from the wet-well to prevent clogging and damage.

#### 4. Schedule

- Proposal Due Date: submit your proposal by July 25, 2024, end of the business day.
- Contract Period: the contract term is from August 12, 2024, to August 12, 2026.

#### 5. Reporting and Documentation

- Maintain detailed records of maintenance activities, including inspections, repairs, and replacements.
- Document test results, equipment condition assessments, and any deviations from standard performance metrics.
- Provide a comprehensive report outlining maintenance activities and recommendations for continuous improvement.

#### 6. Budget

Provide hourly rates in your proposal for on-call services, scheduled, and emergency repairs.

#### 7. Contact Information

For further inquiries or to discuss this proposal in detail, please contact District Engineer, Milo Ebrahimi, at [mebrahimi@midwaycitysanitaryca.gov](mailto:mebrahimi@midwaycitysanitaryca.gov).