



**CONSENT CALENDAR**

**Agenda Item # 3**

**AGENDA REPORT SUMMARY**

**Meeting Date:** May 14, 2019

**Subject:** Sanitary Sewer Root Foaming material and equipment purchase

**Prepared by:** Grant Gabler, Maintenance Supervisor

**Reviewed by:** Manny Hernandez, Maintenance Services Director

**Approved by:** Chris Jordan, City Manager

**Attachment(s):**

None

**Initiated by:**

Maintenance Division

**Previous Council Consideration:**

None

**Fiscal Impact:**

\$155,085 – Funds are available in Capital Improvement Project WW-01003 – Sanitary Sewer Root Foaming

**Environmental Review:**

Categorically Exempt pursuant to CEQA Section 15301 (c)

**Policy Question(s) for Council Consideration:**

None

**Summary:**

- The Sewer System Management Plan requires that root foaming be performed in the City's sewer collection system. This work had been historically contracted out however in 2016 Sewer maintenance staff started performing the work in-house
- Sewer maintenance staff have been using old sewer root foaming equipment which is mounted on our existing truck. The equipment has had several issues which have caused delays in completing projects. An updated unit is available at a discount with a trade-in of the current unit. This equipment and material purchasing are necessary to perform the work without future lengthy delays

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**Reviewed By:**

City Manager

CJ

City Attorney

CD

Finance Director

SE

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**Staff Recommendation:**

Authorize the purchase of material and equipment from WECO Industries in an amount not to exceed \$155,085 for Sanitary Sewer Root Foaming



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**Purpose**

Authorize the purchase of material and equipment from WECO Industries in an amount not to exceed \$155,085 for Sanitary Sewer Root Foaming.

**Background**

As described in the City of Los Altos' Sewer System Management Plan (SSMP) the City treats one third of the City's sewer collection system for roots every year, completing the full system on a 3-year cycle. Root intrusion into sanitary sewer mains is one of the primary causes of sanitary sewer overflows.

In 2016 maintenance staff took on this task as a pilot project. To complete this work, root foaming equipment was installed onto the existing sewer jetting truck. In addition, root foaming material is purchased in accordance with guidelines set forth by the Palo Alto Treatment Plant. Because the root foaming equipment has become out dated, and staff have had several delays caused by equipment break down, an updated foaming unit is needed to complete the project in a timely manner.

**Discussion/Analysis**

City's maintenance staff continues to perform the sewer root foaming. To complete the current project that consists of root foaming 253,223 linear feet of sewer mains, the existing root foaming unit needs to be replaced with the updated unit along with the purchase of materials that is applied to the sewer mains.

Equipment and material are sole sourced with the vendor WECO Industries as they are the exclusive provider of the root foaming product that is preferred by the Palo Alto Treatment Plant.

**Options**

- 1) Authorize the City Manager to execute an agreement with WECO Industries in an amount not to exceed \$155,085 for equipment and purchase of material for Sanitary Sewer Root Foaming

**Advantages:** It will allow maintenance staff to complete the project and treat the one third of the sewer collection system as per the requirements in the SSMP

**Disadvantages:** None

- 2) Do not authorize the City Manager to execute an agreement with WECO

**Advantages:** None. As, the sole provider of the preferred root foaming product, there will be no advantage to public bidding the project



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**Disadvantages:** Maintenance staff will be unable to complete the project and treat the sewer collection system as per the requirements in the SSMP. The City will be at risk of future sanitary sewer overflows

**Recommendation**

The staff recommends Option 1.