



CITY COUNCIL STAFF REPORT

MEETING DATE: May 27, 2025

ITEM TITLE: Adopt a Resolution Awarding the 2025 Sewer System Root Foaming Project C1752; Authorizing the City Manager to Execute a Public Projects Agreement with Duke's Root Control, Inc. of Elgin, Illinois in the Amount Of \$140,963.68; and Authorizing the Expenditure of Contingency up to the Project Budget of \$33,986.32 for a Total Not-to- Exceed Contract Amount of \$174,950.

RECOMMENDATION:

Staff recommend that the City Council adopt a Resolution awarding the 2025 Sewer System Root Foaming Project C1752 ("Project"); authorizing the City Manager to execute a public projects agreement with Duke's Root Control, Inc. of Elgin, Illinois in the amount of \$140,963.68; and authorizing the expenditure of contingency up to the Project budget or \$33,986.32 for a total not-to-exceed contract amount of \$174,950.

FISCAL IMPLICATIONS:

There are no fiscal impacts, and no additional funding is needed at this time.

The Project will be funded by C1752, which has a remaining budget of \$174,950 in fiscal year (FY) 2024-25. The total bid amount of \$140,963.68 falls within this available funding, leaving a potential contingency of up to \$33,986.32, or approximately 24% of the contract amount.

BACKGROUND:

Over the past eight years, the Public Works maintenance staff has managed the root control program on an as-needed basis. Engineering staff assumed the root control program to address the large number of sewer mains with root intrusion and to coordinate repairs with the annual sewer rehabilitation projects.

Sewer line rehabilitation and replacement are still the City's primary means of repairing sewer line defects, but the use of chemical root control can be effective in reducing and preventing root defects until the repair or replacement of the pipe is scheduled. Root intrusion inside sanitary sewer mains is a significant cause of sanitary sewer overflows (SSOs) in San Carlos, causing approximately 25 to 30 percent of SSOs annually.

Root foaming efforts help to minimize and prevent SSOs in the sewer system. Prioritization of sewer lines comes from the specific sewer basin, the number of root defects as identified by Closed Circuit Television (CCTV) inspections, and the number of blockages caused by roots from maintenance history, and maintenance staff.

The chemical used for root treatment is approved by the Environmental Protection Agency (EPA) and Silicon Valley Clean Water. It is non-toxic and does not require tree removal or negatively impact tree health.

ANALYSIS:

Staff has identified Basin 2 and Basin 3 for root control treatment due to its maintenance history as part of this Project.

The City Engineer signed the final bid set construction documents on March 20, 2025, and the City Council approved the construction documents at the April 14, 2025 Council meeting.

On April 15, 2025, the City advertised bids for construction of the Project and bids were opened on May 5, 2025. One bid was received with the following results:

<u>Contractor</u>	<u>Bid Amount</u>
Engineer's Estimate	\$150,759.00
Duke's Root Control, Inc	\$140,963.68

The lowest responsible and responsive bid was submitted by Duke's Root Control, Inc. in the amount of \$140,963.68. After bid evaluation, staff recommend awarding the contract to Duke's Root Control, Inc. The receipt of only one bid is attributed to the City's requirement of a non-toxic and EPA approved chemical agent for treatment.

ALTERNATIVES:

The alternatives available to the City Council include:

1. Adopt a Resolution awarding the 2025 Sewer System Root Foaming Project C1752; authorizing the City Manager to execute a Public Projects Agreement with Duke's Root Control, Inc. of Elgin, Illinois in the amount of \$140,963.68; authorizing the expenditure of a contingency up to the Project budget or \$33,986.32 for a total not-to-exceed contract amount of \$174,950; or
2. Do not adopt the Resolution; or
3. Provide staff with alternative direction.

Respectfully submitted by:

Steven Machida, Public Works Director

Approved for submission by:

A handwritten signature in black ink, appearing to be 'J. Maltbie', written in a cursive style.

Jeff Maltbie, City Manager

ATTACHMENT(S):

1. Resolution