


VILLAGE OF LOMBARD
REQUEST FOR BOARD OF TRUSTEES ACTION
For Inclusion on Board Agenda
Bids and Proposals

TO : President and Village Board of Trustees

FROM : Scott Niehaus, Village Manager

DATE : January 2, 2019 Agenda Date February 7, 2019

TITLE : Waiver of Bids - Duke's Root Control, Inc.
Sewer Root Control

SUBMITTED BY: Brian Jack, Utilities Superintendent 

RESULTS:

Date Bids Were Published _____ Bidding Closed _____

Total Number of Bids Received _____

Total Number of Bidders Meeting Specifications _____

Bid Security Required _____ Yes _____ No

Performance Bond Required _____ Yes _____ No

Were Any Bids Withdrawn _____ Yes _____ No

Explanation:

Waiver of Bids Requested? _____ X Yes _____ No

If yes, explain:

Award Recommended to Lowest _____ Yes _____ No

Responsible Bidder?

If no, explain:

FISCAL IMPACT:

Engineer's estimate/budget estimate \$50,000.00

Amount of Award \$40,000 Water/Sewer Capital Reserve Fund (520.790.715.75350 RM PROG 10)

BACKGROUND/RECOMMENDATION:

Waive bids and award a contract for sewer root control chemical treatment for amount not to exceed \$40,000 in FY 2019.

Has Recommended Bidder Worked for Village Previously X Yes ___ No

If yes, was quality of work acceptable X Yes ___ No

Was item bid in accordance with Public Act 85-1295? ___ Yes X No

Waiver of bids - Public Act 85-1295 does not apply X Yes

REVIEW (as needed):

Village Attorney XX _____ Date _____

Finance Director XX _____ Date _____

Village Manager XX _____ Date _____

NOTE: All materials must be submitted to and approved by the Village Manager's Office by 4:30 pm, Wednesday, prior to the Board Agenda distribution.



MEMORANDUM

To: Scott Niehaus, Village Manager
From: Brian Jack, Utilities Superintendent *B*
Through: Carl S. Goldsmith, Director of Public Works *J*
Date: January 2, 2019
Subject: Waiver of Bids - Sewer Root Control Program FY 2019

Background

Approximately 35% of the sanitary sewer overflows (SSO) that have occurred in Lombard during the past 15 years have been due tree roots clogging the sewer mains. The Underground Utilities Division of the Department of Public Works cleans approximately 25% of the sanitary sewer mains less than 15 inches in diameter each year. Many of the mains require root cutting to clean the line because the mains were installed in the parkways or backyards where roots are more prevalent. The Village continues to line these sewers to eliminate the root intrusion permanently and has completed the entire rear yard sewer lining as of 2018. The remaining sewers continue to be chemically treated to reduce root growth at a fraction of the cost of lining or replacement until these can be lined. Underground Utilities has limited in-house capabilities to chemically treat the sewer mains with its existing equipment and has determined the process to be better suited for contracting out.

Duke's Root Control, Inc. of Syracuse, NY began chemically treating select sanitary sewer mains in the fall of 2007. Their patented and proprietary chemical is the only diquat-based herbicide registered by the USEPA for controlling tree roots in sanitary sewers. This exclusive chemical has less of an environmental impact and is safer to use than that of other root chemical control companies, supporting the Village's emphasis on sustainability. There are no adverse effects on wastewater treatment plants, and will not disrupt the wastewater treatment process. The active ingredient is USEPA approved for aquatic use and is commonly used in ponds to control algae growth. Other chemical root control companies use chemicals that contain metam sodium as restricted use chemical that is high acute toxicity. The USEPA classified this chemical as restricted to protect people from exposure, and wastewater treatment plants of potential harmful effects to the treatment plant process. The USEPA also classifies metam sodium as likely to be carcinogenic in humans. Duke's Root Control is currently the only company to use a chemical that does not contain metam sodium. The company is professional, has performed satisfactorily, and provides a guarantee for two years from the date of initial application and three years from the date of the second application.

An added benefit of Duke's exclusive dense foam chemical treatment is that it packs more active chemicals in the spaces between the air bubbles and has a longer retention time than other products on the market. The foam also adheres to roots better and travels up sewer lateral lines treating more than just the sewer main, but building sewer laterals as well giving an added benefit to residents and businesses.

Since the beginning of the program, approximately 40 miles (27%) of the sewer system has been treated. During this time, none of the sewers have experienced subsequent backups. Prior to the escalated flushing program and chemical treatment program; the Village averaged more than 2 SSOs per year due to roots; since 2008, the Village has averaged less than 1 SSO per year. After three years of treatment, the main sewer is lined and other sewers are identified to begin the treatment process. Duke's Root Control provides a three year warranty on treated lines in the event that there is a blockage due to roots in which they will re-treat the affected sewer segment at no cost.

The Village annually budgets \$50,000 for Sewer Root Control in the Water & Sewer Capital Reserve Fund. Attached is a proposal from Duke's Root Control for pricing through December 2019. Amounts vary per year, and 2019 is anticipated to be a contract not to exceed \$40,000.

Recommendation

Please request the Board of Trustees to waive bids and award a contract in an amount not to exceed the budgeted amount of \$40,000 for FY 2019 for sewer root control to Duke's Root Control, Inc. of Syracuse, NY at their February 7, 2019 meeting.



1020 Hiawatha Blvd., West
Syracuse, NY 13204-1131
1-800-44-ROOTS
(315) 472-4781
FAX (315) 475-4203

January 2, 2019

Mr. Brian M. Jack
Utilities Superintendent
Village of Lombard
255 East Wilson Avenue
Lombard, IL 60148-3926

Dear Mr. Jack:

Thank you for expressing interest in Duke's foaming root control service. As per your request for quotation, Duke's Root Control, Inc. will treat any sewers for the unit prices listed below:

| Pipe Size | Unit Price |
|-----------|-------------|
| 6 inch | \$1.69/foot |
| 8 inch | \$1.69/foot |
| 10 inch | \$1.86/foot |
| 12 inch | \$2.02/foot |
| 15 inch | \$2.83/foot |

Prices are computed per linear foot, manhole to manhole, and Duke's standard guarantee applies to all sanitary sewers treated. Please note that a \$3,000 minimum is required, and prices for pipes larger than 15 inches are determined on a case-by-case basis.

If you require any further information, please call 1-800-447-6687. Thank you for your interest in our service.

Sincerely,

Chad Smeltzer