

**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 : Nicole Aranas, Village Manager

DATE : July 8, 2026 Agenda Date July 16, 2026

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Were Any Bids Withdrawn \_\_\_\_\_ Yes \_\_\_\_\_ No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 \$60,000.00

Amount of Award \$54,112.28 Water/Sewer Capital Res Fund (520.790.715.75350 RM PROG 10)

**BACKGROUND/RECOMMENDATION:**

Requesting a waiver of bids as Dukes Root Control uses 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. Waive bids and award a contract for sewer root control chemical treatment for amount not to exceed \$54,112.28 in FY 2026.

Has Recommended Bidder Worked for Village Previously X Yes \_\_\_\_\_ No

If yes, was quality of work acceptable X Yes \_\_\_\_\_ No

**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:** Nicole Aranas, Village Manager  
**From:** Brian Jack, Utilities Superintendent  
**Through:** Carl Goldsmith, Director of Public Works  
**Date:** July 8, 2026  
**Subject:** Waiver of Bids – Sewer Root Control Program FY 25

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### **Background**

Approximately 35% of the sanitary sewer overflows (SSO) that have occurred in Lombard during the past 15-20 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. 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 70 miles (63%) 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 two SSOs per year due to roots; since 2008, the Village has averaged less than one 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 if there is a blockage due to roots in which they will re-treat the affected sewer segment at no cost.

The Village also completes a system wide sanitary sewer acoustical inspection survey (SL-RAT) every five years and has used this data to identify additional locations for lining. This expansion of treatment area will continue to reduce system blockages due to roots.

The Village annually allocates \$30,000 to \$60,000 for Sewer Root Control in the Water & Sewer Capital Reserve Fund RM PROG 10 Sewer Maintenance and Improvements. The amount spent each year varies due to the three-year cycle of root treatment locations. Attached is a proposal from Duke's Root Control for root treatment per size diameter of sanitary sewer as well as the footage identified for this year.

| Pipe Diameter | Price Per Liner Foot | Footage | Cost Per Pipe Diameter |
|---------------|----------------------|---------|------------------------|
| 8"            | \$ 2.12              | 10,789  | \$ 22,872.68           |
| 10"           | \$ 2.33              | 3,442   | \$ 8,019.86            |
| 12"           | \$ 2.55              | 3,048   | \$ 7,772.40            |
| 15"           | \$ 4.64              | 666     | \$ 3,090.24            |
| 18"           | \$ 6.95              | 1,778   | \$ 12,357.10           |
| Total         |                      |         | \$ 54,112.28           |

### **Recommendation**

Please request the Board of Trustees to waive bids and award a contract in an amount not to exceed the budgeted amount of \$54,112.28 for FY 2026 for sewer root control to Duke's Root Control, Inc. of Syracuse, NY.



400 Airport Rd., Suite E Elgin, IL 60123

## SALES QUOTATION

|                 |                                          |            |
|-----------------|------------------------------------------|------------|
| Document Number | Document Date                            | Page       |
| <b>6608</b>     | <b>04/24/2026</b>                        | <b>1/1</b> |
| Customer No.    | Contact / Phone / Email                  |            |
| <b>C-000362</b> | <b>BRIAN M. JACK 255 EAST WILSON AVE</b> |            |

**jackb@villageoflombard.org**

|                       |               |
|-----------------------|---------------|
| Your Contact          | Payment Terms |
| <b>Danny Reto 200</b> | <b>Net 30</b> |

**dreto@dukes.com**

|               |           |
|---------------|-----------|
| Shipping Type | FOB Point |
|---------------|-----------|

Delivery Address

**LOMBARD, VILLAGE**  
255 EAST WILSON AVENUE

LOMBARD IL 60148  
USA

| Description                        | Quantity   | UoM       | Price            | Total |
|------------------------------------|------------|-----------|------------------|-------|
| <b>MANHOLE ROOT CONTROL</b>        | <b>Per</b> | <b>EA</b> | <b>\$ 194.25</b> |       |
| Item Code: V-F-APL-MANHO-001       |            |           |                  |       |
| <b>HOUSE LATERAL ROOT CONTROL</b>  | <b>Per</b> | <b>EA</b> | <b>\$ 194.25</b> |       |
| Item Code: V-F-APL-RESID-001       |            |           |                  |       |
| <b>6" PIPE SEWER ROOT CONTROL</b>  | <b>Per</b> | <b>FT</b> | <b>\$ 2.12</b>   |       |
| Item Code: V-F-APL-SEWRC-01X06FT   |            |           |                  |       |
| <b>8" PIPE SEWER ROOT CONTROL</b>  | <b>Per</b> | <b>FT</b> | <b>\$ 2.12</b>   |       |
| Item Code: V-F-APL-SEWRC-01X08FT   |            |           |                  |       |
| <b>10" PIPE SEWER ROOT CONTROL</b> | <b>Per</b> | <b>FT</b> | <b>\$ 2.33</b>   |       |
| Item Code: V-F-APL-SEWRC-01X10FT   |            |           |                  |       |
| <b>12" PIPE SEWER ROOT CONTROL</b> | <b>Per</b> | <b>FT</b> | <b>\$ 2.55</b>   |       |
| Item Code: V-F-APL-SEWRC-01X12FT   |            |           |                  |       |
| <b>15" PIPE SEWER ROOT CONTROL</b> | <b>Per</b> | <b>FT</b> | <b>\$ 4.84</b>   |       |
| Item Code: V-F-APL-SEWRC-01X15FT   |            |           |                  |       |
| <b>18" PIPE SEWER ROOT CONTROL</b> | <b>Per</b> | <b>FT</b> | <b>\$ 6.95</b>   |       |
| Item Code: V-F-APL-SEWRC-01X18FT   |            |           |                  |       |

Quotation Valid Until: 06/30/2026

Website: [www.dukes.com](http://www.dukes.com)

Tax ID No.: 75-3026801

# Underground Infrastructure Service Innovation

Duke's is an experienced, nationwide service provider focused on extending the life of your critical, underground infrastructure assets.



Duke's New Arizona Facility



DUKES.COM

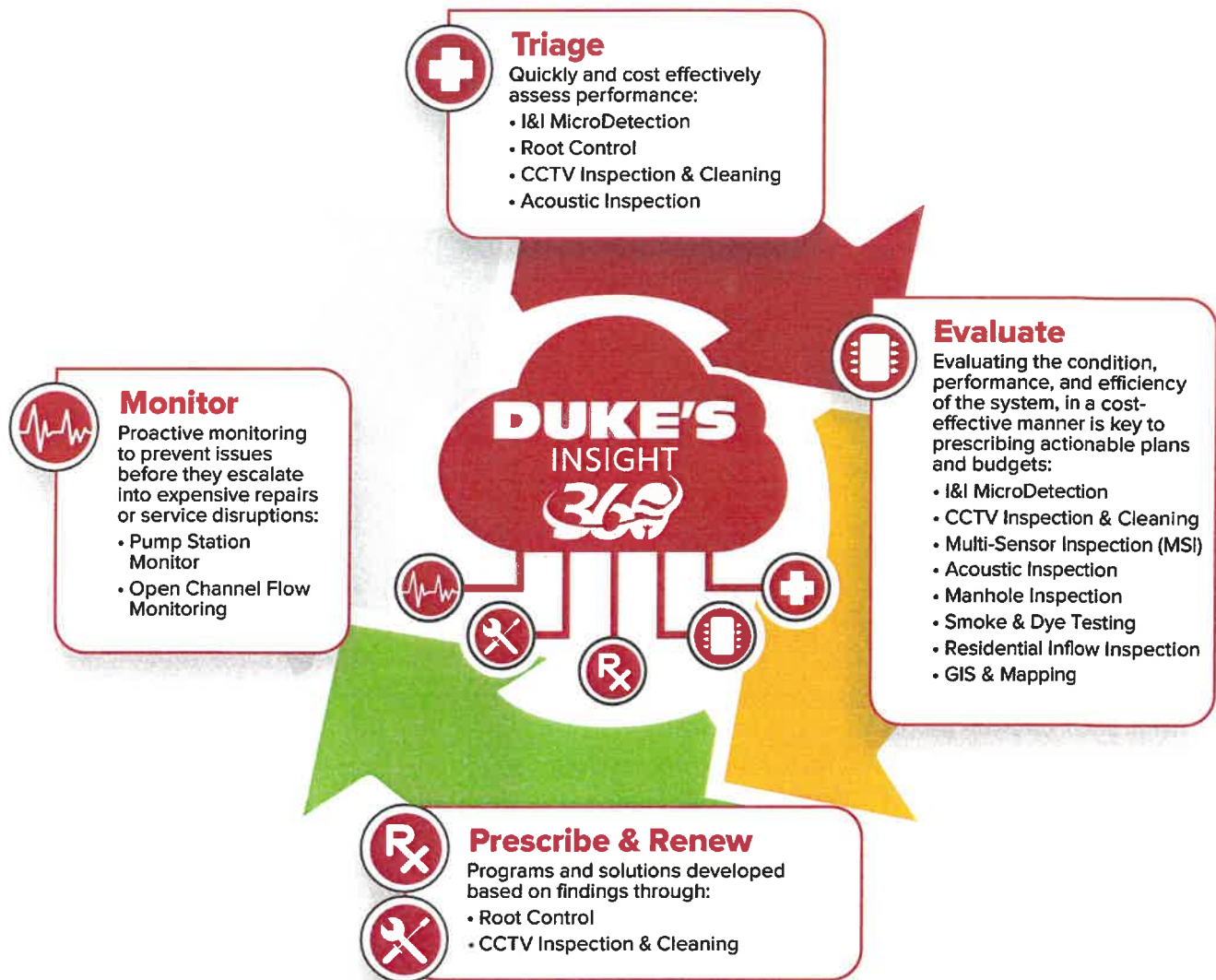
## Inside:

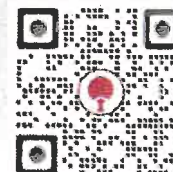
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|                                    |    |
|------------------------------------|----|
| Root Control                       | 4  |
| CCTV Inspection & Cleaning         | 6  |
| Multi-Sensor Inspection (MSI)      | 7  |
| I & I Micro-Detection              | 9  |
| Open Channel Flow Monitoring       | 11 |
| Pumpstation Monitoring             | 13 |
| Acoustic Pipeline Monitoring       | 15 |
| Smoke Testing                      | 17 |
| Manhole Inspections                | 19 |
| Residential Inflow Inspection      | 21 |
| CIPP Spot Repairs                  | 23 |
| Cross-bore Inspection & Prevention | 25 |
| Hydro-Excavation Service           | 27 |

# Duke's Service Lifecycle

Maintaining the health of your Infrastructure is not just a task; it's a continuous lifecycle.





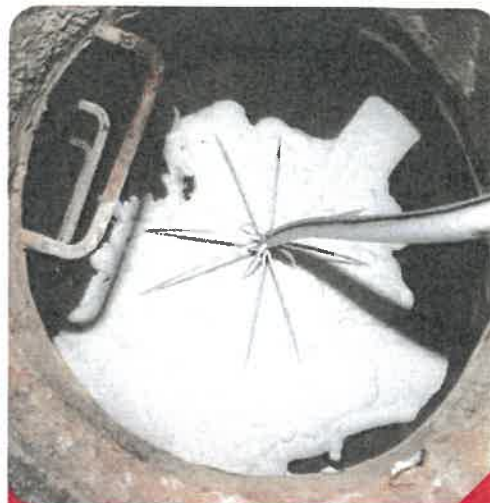
# Root Control

Duke's utilizes Razorooter®, a herbicide-laden, thick foam the consistency of heavy shaving cream. Since effectively killing roots in sewer systems requires access to the entire line, Duke's crew inserts a hose from manhole to manhole. The hose releases and sprays the foam in all directions, allowing it to adhere to roots and penetrate through wye connections to kill roots even in lateral lines. The entire system is treated as the foam compresses against pipe surfaces and penetrates cracks, joints and connecting sewers. Roots are killed on contact inside and outside the pipe walls, decay naturally and slough away, with regrowth delayed for two to three years. Trees and other above ground vegetation are not harmed.

## **Alternative Solutions: Expensive, Disruptive & No Guarantee**

Replacing or lining a pipe is another option; however, it is expensive, can be disruptive and doesn't guarantee the thirsty roots won't find their way through the pipe once again. Mechanical root removal involves physically cutting away roots, which can damage pipes and lead to thicker regrowth, often requiring more frequent cutting.

Regardless of the method used, the best root control program is one that minimizes damage and costs through regular, proactive maintenance. Duke's exclusive root control product is translocated up the roots with each application. This preventive maintenance prolongs the life of pipes, providing substantial cost savings in the long run.



"Duke's solves maintenance problems. I have worked with them directly for many years on several projects, and I've seen the exceptional results firsthand. I have personally entered manholes where we had up to 80% blockage caused by large root masses. After the Duke's application, I re-entered one year later, and the roots were completely decayed. I'm so confident in Duke's products and services that I refer them directly to my municipal clients."

— Jim McGregor, PE  
Hatch Mott McDonald



**DUKES.COM**  
800.447.6687

### Partnering in Asset Management

Duke's has been called in on countless consent decrees to help reduce overflows quickly and gain back much needed capacity. Our crews act as another resource in your arsenal to meet even the toughest mandates for capacity assurance and I/I abatement.

Duke's treatments are effective on the largest roots in your system, but treating smaller roots before there are issues is the key to asset management. We have clients that started treating over 40 years ago and those segments are still an asset to this day.

### Case in Point: Rooting Out SSOs

#### Virginia Beach Department of Public Utilities Management

400 pumping stations, 1,800 miles of gravity pipe and 190 miles of force mains

VA Beach needed a proactive Management, Operation and Maintenance (MOM) Program to determine the cause of stoppages and overflows, maintenance history, the work process and system characteristics. Inspections and thorough analysis showed that grease and roots were the No. 1 and 2 listed causes of SSOs. Duke's Razorooter pilot program was initiated.

#### Results:

- Instantaneous ROI via reduced frequency of SSOs after implementation of the MOM program.
- 1st year of formal root control program: the number of SSOs dropped over 30 percent and have continued to drop substantially every year since.
- Taking an O&M approach as opposed to a "Find and Fix" mentality, all things being equal, over 20 years, the cost would be about \$157 million, significantly less than the nearly \$400 million estimated for a traditional once-and-done solution that would likely require a reinvestment 20 years down the road.



Duke's exclusive Razorooter® is a diquat-based herbicide registered by the U.S. Environmental Protection Agency (EPA) for controlling nuisance tree roots in sanitary sewer line collection systems.

"The comprehensive MOM program, which includes a sizeable root control effort, is a prime example of a success story that can be shared with other similar communities. It documents capacity assurance results and reductions in SSOs, which was our primary goal, without high cost of implementing traditional I&I reduction efforts. We now have a good, solid foundation, fewer environmental impacts and a process to continually get to the cause — grease and roots — instead of our previous reactionary approach to clean when the stoppages occurred. We have made great strides."

— Aaron K. Nelson, P.E., VP  
Brown and Caldwell



DUKES.COM  
800.447.6687

# VILLAGE OF LOMBARD

## Sewer Root Control Program FY 2026

This agreement is made this 16<sup>th</sup> day of July 2026, by and between, and shall be binding upon, the Village of Lombard, an Illinois Municipal Corporation hereinafter referred to as (the "Village") and (Duke's Root Control of Syracuse, NY) hereinafter referred to as (the "Contractor").

Witnesseth That in consideration of the mutual promises of the parties delineated in the Contract Documents, the Contractor agrees to sell and the Village agrees to pay for the following described items as set forth in the Contract Documents:

Provide labor, equipment, and materials for Sewer Root Control in an amount not to exceed  
\$54,112.28

1. This Contract shall embrace and include all of the applicable Contract Documents listed below as if attached hereto or repeated herein:

a. The Contractor's Proposal dated April 24, 2026

b. Required Certificate of Insurance, Indemnification, Venue, Other Contractor Responsibilities

2. The Village agrees to pay, and the Contractor agrees to accept as full payment for the items which are the subject matter of this Contract amount not to exceed \$54,112.28 paid in accordance with the provisions of the Local Government Prompt Payment Act and the provisions of the Contract Documents.

3. Risk of loss, destruction or damage of or to goods under this Contract shall be on contractor until delivery of the goods to the Village and acceptance of the goods by the Village.

4. The Contractor agrees to perform the terms of this Contract according to the following schedule set forth in their quotation after the Notice to Proceed has been delivered. Time is of the essence of this Contract.

5. The Contractor represents and warrants that it will comply with all applicable Federal, State and local laws concerning prevailing wage rates regarding installation services provided under this Contract and all Federal, state and local laws concerning equal employment opportunities.

6. The Contractor shall deliver the goods under this Contract by December 31, 2026.

7. In executing this Contract, Contractor agrees that it has examined the site of the work and the conditions existing therein, has examined the Contract Documents and taken and compared field measurements and conditions with those Documents.

8. This Contract represents the entire agreement between the parties and may not be modified without the written approval of both parties.

9. Where the terms of this Contract conflict with the provisions of the Contract Documents, the Contract Documents shall be binding.

IN WITNESS WHEREOF, the Village of Lombard, Illinois by Village Manager, and the Contractor have hereunto set their hands this 16<sup>th</sup> day of July, 2026.

If an individual or partnership, all individual names of each partner shall be signed or if a corporation, an officer duly authorized shall sign here:

Accepted this \_\_\_ day of \_\_\_\_\_, 20\_\_.

Individual or Partnership \_\_\_\_\_ Corporation \_\_\_\_\_

\_\_\_\_\_  
By \_\_\_\_\_ Position/Title

\_\_\_\_\_  
By \_\_\_\_\_ Position/Title

\_\_\_\_\_  
Print Company Name

THE VILLAGE OF LOMBARD, ILLINOIS

Accepted this 16th day of July, 2026.

\_\_\_\_\_  
Anthony Puccio  
Village President

Attest:

\_\_\_\_\_  
Ranya Elkhatib  
Village Clerk

## VILLAGE OF LOMBARD CONTRACTOR'S CERTIFICATION

\_\_\_\_\_, having been first duly sworn, depose and states as follows:

I am the \_\_\_\_\_ (Officer or Owner of Company)  
\_\_\_\_\_ (Title) for \_\_\_\_\_ (Name of Company),

(the "Contractor"), which has submitted a proposal for 2026 Sewer Root Control Treatment to the Village of Lombard and, having personal knowledge of the matters certified to herein, and being authorized by the Contractor to make the certifications set forth herein, hereby certifies that said Contractor:

1. has a written sexual harassment policy in place, in full compliance with 775 ILCS 5/2-105(A) (4);
2. is not delinquent in the payment of any tax administered by the Illinois Department of Revenue, or if it is:
  - a. it is contesting its liability for the tax or the amount of tax in accordance with procedures established by the appropriate revenue Act; or
  - b. it has entered into an agreement with the Department of Revenue for payment of all taxes due and is currently in compliance with that agreement;
3. is in full compliance with the Federal Highway Administration Rules on Controlled Substances and Alcohol Use and Testing, 49 CFR Parts 40 and 382, and that

(Name of employee/driver or "all  
employee drivers")

is/are currently participating in a drug and alcohol testing program pursuant to the aforementioned rules; and

4. is not barred from contracting with any unit of state or local government as a result of a violation of either Section 33E-3 or 33E-4 of Article 33E of the Illinois Criminal Code of 1961.

By: \_\_\_\_\_

Authorized Agent of Contractor

Subscribed and sworn to

before me this \_\_\_\_\_

day of \_\_\_\_\_, 2026.

Notary Public