

DISTRICT: 5

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: August 12, 2026 (B of T) Date: August 20, 2026
 TITLE: Multi Sensor Inspection Large Diameter Combined Sewer (FY 26)
 SUBMITTED BY: Philip Tartaglia, P.E. Village Engineer **PT**

RESULTS:Date Bids Were Published N/A Bidding Closed N/ATotal Number of Bids Received 3Total Number of Bidders Meeting Specifications 3Bid Security Required _____ Yes X NoPerformance Bond Required X Yes _____ NoWere Any Bids Withdrawn _____ Yes X No**Explanation:**Waiver of Bids Requested? X Yes _____ No

If yes, explain: See Memo

Award Recommended to Lowest X Yes _____ No**Responsible Bidder?**

If no, explain:

FISCAL IMPACT:FY 2026 CIP Budget: \$ 882,000.00 (CMOM RM PROG 94)

Engineer's Estimate of Cost: \$75,000.00

Note this is one of four contracts awarded under CMOM (RM PROG 94)

Total Amount of Award: \$56,709.00

Funding: \$56,709.00 Water/Sewer Capital Reserve (520.790.715.75420) RM PROG 94

BACKGROUND/RECOMMENDATION:Has Recommended Bidder Worked for Village Previously X Yes _____ NoIf yes, was quality of work acceptable X Yes _____ NoWas item bid in accordance with Public Act 85-1295? _____ Yes X NoWaiver of bids - Public Act 85-1295 does not apply 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.

Interoffice Memo



To: Nicole Aranas, Village Manager
Through: Carl Goldsmith, Director of Public Works *CG*
From: Philip Tartaglia, P.E., Village Engineer *PT*
Date: August 12, 2026
Subject: Multi-Sensor Inspection Large Diameter Combined Sewer (FY 26)

Description

The Village's large diameter combined sewer is one of its most critical underground infrastructure assets. The system is approaching 100 years of service, and evaluating its condition requires more than a traditional closed-circuit television (CCTV) inspection.

Public Works proposes to perform a multi-sensor inspection of the large diameter combined sewer from Westmore Woods to Lombard Common Park. The inspection will use high-definition video, laser, and sonar technologies to evaluate the condition and geometry of the sewer both above and below the waterline. This technology provides a more complete assessment of the sewer's condition than a video inspection alone.

The multi-sensor inspection provides valuable information, including:

- ✓ Visible defects, including cracks, joint separation, corrosion, infiltration, and debris.
- ✓ Changes in pipe shape, diameter, and alignment.
- ✓ Sediment accumulation and available hydraulic capacity.
- ✓ Areas of wall loss or deterioration that may indicate structural deficiencies.

The information collected will allow Engineering staff to effectively evaluate the sewer's structural condition, identify areas requiring immediate repair, estimate remaining service life, and program future rehabilitation improvements based on actual condition and risk. Given the size, age, and importance of this sewer, obtaining detailed condition information will greatly assist in the Capital Improvement Plan (CIP) programming process regarding any future maintenance and/or rehabilitation in the

The downstream section of the sewer, from Lombard Common Park to the Glenbard Wastewater Authority facility, was lined with geopolymer concrete during the 2024 and 2025 construction seasons. A multi sensor inspection of that segment was previously performed in 2018.

Funding for this work is included in the CIP through the CMOM Program (RM PROG 94). Evaluating the remaining upstream portion is an important component of the Village's CMOM (Capacity, Management, Operations, and Maintenance) program. The CMOM budget includes multiple contracts for sewer and manhole inspection, lining, rehabilitation, and other related work.

Proposal Process

Multi-sensor sewer inspection is a specialized service requiring contractors with the appropriate equipment, technology, and experience. Proposals were solicited from three firms with whom the Village has an established working relationship, and which have demonstrated experience performing this specific type of inspection.

Results

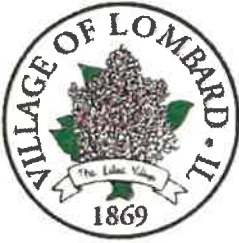
Three (3) proposals were received. Following review of the proposals, the Village negotiated the final scope and price with RedZone Robotics.

Contractor	Proposal Amount
RedZone Robotics	\$56,709.00
Vortex Lining Solutions	\$80,500.00
National Power Rodding	\$276,884.95
Engineer's Estimate	\$75,000.00

Recommendation

The Engineering Division recommends awarding the Multi Sensor Inspection Large Diameter Combined Sewer (FY 26) to RedZone Robotics of Warrendale, Pennsylvania in the amount of \$56,709.00.

Please present this item to the President and Board of Trustees for their review and approval at their regular meeting on August 20, 2026. If approved, please return two (2) executed copies of the Contract to Public Works Engineering for further processing.



Village of Lombard Contract

**Multi Sensor Inspection
Large Diameter Combined Sewer (FY 26)
Contract Document Number: RM PROG 94**

This agreement is made on this 20th day of August 2026, between and shall be binding upon the Village of Lombard, an Illinois municipal corporation (hereinafter referred to as the "Village") and RedZone Robotics Inc. (hereinafter referred to as the "Contractor") and their respective successors.

Witnessed that in consideration of the mutual promises of the parties delineated in the Contract Documents, the Contractor agrees to perform the services, and the Village agrees to pay for the following services as outlined in the Contract Documents:

Scope of Services include providing NASSCO PACP compliant CCTV, lidar, and sonar inspection as well as assessment services for the quantity of sewers listed in the Proposal Form, under the terms of the General and Special Provisions included in the Contract Document

1. This contract shall embrace and include all the applicable Contract Documents listed below as if attached hereto or repeated herein:
 - a. Contract Document Number RM PROG 94 (FY 26) for Multi Sensor Inspection Large Diameter Combined Sewer, consisting of the following:
 - i) Cover Sheet
 - ii) Table of Contents
 - iii) General Provisions
 - iv) Special Provisions
 - v) Inspection of Sewer Lines
 - vi) Appendices A- F
 - b. The Contractor's Price and Proposal Forms Dated: August 11, 2026
 - c. Persons and Entities Subject to Disqualification
 - e. Contractor's Certification Form
 - e. Anti-Collusion Affidavit
 - f. Conflict Of Interest
 - g. Tax Compliance Affidavit
 - h. Subcontractor Identification
 - g. Required Performance and Payment Bonds and Certificate(s) of Insurance
2. The Village agrees to pay, and the Contractor agrees to accept as full payment the amount as shown on the Contractor's Submittal Form, which is made a part hereof, subject to such additions and deletions as agreed to by the parties hereto.
3. The Contractor shall commence work under this Contract upon written Notice to Proceed from the Village and shall complete all work under this Contract by December 18, 2026. Time is of the essence regarding this Contract, and the Contractor agrees to achieve completion within the time permitted by all proper and appropriate means including working overtime without additional compensation.
4. Under the provisions of Section 5 of the Mechanics' Lien Act of Illinois, before making any payment to the Contractor under this Contract, the Village demands that the Contractor furnish a written statement of the names of all parties furnishing labor and/or materials under this Contract and the amounts due or to become due each. This statement must be made under oath or be verified by affidavit. The Village shall not issue final payment nor

shall any retained percentage become due until releases and waivers of lien have been supplied as the Village designates.

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

Upon execution by both parties, these Contract Documents, including the Price Proposal Form, General Provisions, Special Provisions, Technical Specifications, Proposal Forms, Appendices and all subsequently approved Change Orders, constitute the entire agreement between the Village and the Contractor

IN WITNESS WHEREOF, the Village of Lombard, Illinois, and the Contractor have each hereunto caused this Contract to be executed by their respective duly authorized representatives this 20th day of August 2026.

If an individual or partnership, the individual or all partners shall sign or, if a corporation, an officer(s) duly authorized shall sign.

RedZone Robotics, Inc.

Individual or Partnership _____ Corporation X

Accepted this 11th day of August 2026.

Janen Black Controller
By Position/Title

By Position/Title

THE VILLAGE OF LOMBARD, ILLINOIS

Accepted this 20th day of August 2026.

Anthony Puccio, Village President

Attest:

Ranya Elkhatib, Village Clerk