

VILLAGE OF VERNON HILLS

ORDINANCE NO. 2021-029

AN ORDINANCE WAIVING THE COMPETATIVE BIDDING PROCESS AND  
AUTHORIZING A CONTRACT WITH CHICAGOLAND TRENCHLESS  
REHABILITATION SYSTEMS (CTR SYSTEMS) TO PERFORM STORM SEWER REPAIRS  
TO THE VILLAGE'S STORM SEWER SYSTEM VIA A CURED IN PLACE PIPE (CIPP)  
SECTIONAL LINING PROCEDURE FOR AN AMOUNT NOT TO EXCEED \$35,000

THE 2<sup>nd</sup> DAY OF MARCH 2021

Published in pamphlet form by the Authority of the  
President and Board of Trustees of the Village of  
Vernon Hills, Lake County, Illinois, this  
2<sup>nd</sup> Day of March, 2021

**VILLAGE OF VERNON HILLS  
ORDINANCE 2021-029**

**AN ORDINANCE WAIVING THE COMPETATIVE BIDDING PROCESS AND AUTHORIZING A CONTRACT WITH CHICAGOLAND TRENCHLESS REHABILITATION SYSTEMS (CTR SYSTEMS) TO PERFORM STORM SEWER REPAIRS TO THE VILLAGE'S STORM SEWER SYSTEM VIA A CURED IN PLACE PIPE (CIPP) SECTIONAL LINING PROCEDURE FOR AN AMOUNT NOT TO EXCEED \$35,000**

**WHEREAS**, the President and Board of Trustees desire to maintain the Village's infrastructure; and

**WHEREAS**, a few areas of storm sewer pipe on Cherry Valley Rd. within the Village's storm sewer system require repairs which can be completed via a CIPP sectional lining procedure; and

**WHEREAS**, the Village sought proposals from six (6) individual companies who specialize in storm sewer services and repairs and the following two companies responded:

Chicagoland Trenchless Rehabilitation (CTR Systems, Inc.)- \$31,800

National Power Rodding- \$39,200

**WHEREAS**, CTR Systems, Inc. submitted the lowest priced proposal, and has performed work for the Village in the past; providing satisfactory work; and

**WHEREAS**, funds for said work are available within the FY2020-2021 budget account (0102040-520630).

**WHEREAS**, expenditures over \$25,000 require Board of Trustee approval.

**NOW THEREFORE BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF VERNON HILLS, LAKE COUNTY, ILLINOIS, AS FOLLOWS:**

**SECTION 1: EXECUTION OF AGREEMENT:** The Village Manager is hereby authorized to execute all documents required with Chicagoland Trenchless Rehabilitation Systems (CTR Systems) to perform repairs to the Village's storm sewer system for an amount not to exceed \$35,000.

**SECTION 2: AUTHORIZATION & RELEASE OF PAYMENT:** The Finance Director is hereby authorized to make payments to Chicagoland Trenchless Rehabilitation Systems (CTR Systems) for an amount not to exceed \$35,000.

**SECTION 3: EFFECTIVE DATE:** This Ordinance shall be in full force and effective from its passage and approval.

**SECTION 4: ORDINANCE NUMBER:** This Ordinance shall be known as Ordinance Number 2020-029.

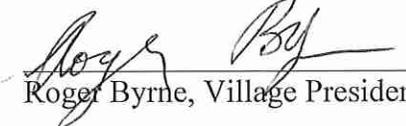
Dated this 2nd day of March, 2021.

Adopted by roll call vote as follows:

AYES: 7 – Byrne, Schultz, Oppenheim, Takaoka, Marquardt, Forster, Koch

NAYS: 0 - None

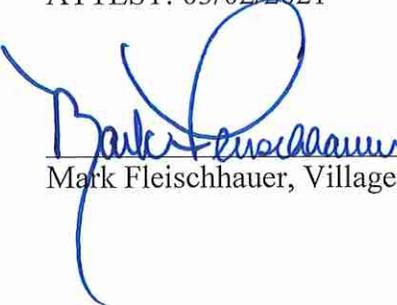
ABSENT AND NOT VOTING: 0 - None

  
\_\_\_\_\_  
Roger Byrne, Village President

PASSED: 03/02/2021

APPROVED: 03/02/2021

ATTEST: 03/02/2021

  
\_\_\_\_\_  
Mark Fleischhauer, Village Clerk

# CIPP 2021 SEWER REPAIR PROPOSAL FEBRUARY 12, 2021

COMPANY/ CONTACT      ADDRESS      PHONE/ FAX      PROPOSAL      EMAIL

National Power Rodding, Reid Ruprecht	2500 W. Arthington Street, Chicago, IL 60612	312.666.7700 Ph. 312.666.0748 FAX	\$39,200.00	rruprecht@nationalpowerrodding.com
Michels Eric Johnson	6396 W. 74 <sup>th</sup> Street Bedford Park, IL 60638	920. 924.4300 Ph. 920. 579.9952 FAX	DECLINED	ejohnson@michels.us
American Underground Inc. David Kerber	246 Marquardt Drive Wheeling, IL 60090	847.724.3503 Ph. 847.724.3508 FAX	DECLINED	dkerber@americanundergroundinc.com
CTR Systems Inc. Dan Di Paolo	7400 Waukegan Road Suite 102 Niles, IL 60714	847.815.4478 Ph. 847.390.8923 FAX	\$31,800.00	dan@ctrssystem.com
Insituform Technologies USA, LLC Kevin Coburn	1334 Enterprise Drive Romeoville, IL 60446	630.842.8539 mobile	DECLINED	kcoburn@aegion.com



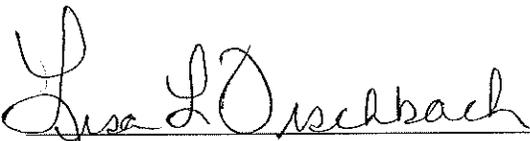
AFFIDAVIT OF SERVICE

STATE OF ILLINOIS     )  
  )  
COUNTY OF LAKE     )

I, MARK FLEISCHHAUER, BEING FIRST DULY APPOINTED, DEPOSES AND SAYS ON OATH THAT AS VILLAGE CLERK OF THE VILLAGE OF VERNON HILLS, HE DID CAUSE THE FOREGOING CERTIFICATE FOR ORDINANCE NO. 2021-029 AN ORDINANCE WAIVING THE COMPETATIVE BIDDING PROCESS AND AUTHORIZING A CONTRACT WITH CHICAGOLAND TRENCHLESS REHABILITATION SYSTEMS (CTR SYSTEMS) TO PERFORM STORM SEWER REPAIRS TO THE VILLAGE'S STORM SEWER SYSTEM VIA A CURED IN PLACE PIPE (CIPP) SECTIONAL LINING PROCEDURE FOR AN AMOUNT NOT TO EXCEED \$35,000 TO BE POSTED IN THE VILLAGE HALL AS REQUIRED BY LAW FROM MARCH 2, 2021 TO MARCH 12, 2021.

  
\_\_\_\_\_  
Mark Fleischhauer  
Village Clerk

SUBSCRIBED AND SWORN TO BEFORE  
THIS 2<sup>nd</sup> DAY OF MARCH 2021

  
\_\_\_\_\_  
Notary Public



**CONTRACT BETWEEN  
VILLAGE OF VERNON HILLS  
AND  
CHICAGOLAND TRENCHLESS REHABILITATION SYSTEMS, INC.**

In consideration of the mutual promises set forth below, the Village of Vernon Hills, 290 Evergreen Drive, Vernon Hills, IL 60061-1039, a public corporation ("Owner"), and ("Chicagoland Trenchless Rehabilitation Systems, Inc."), make this Contract as of the 2nd day of March, 2021, and hereby agree as follows:

**ARTICLE I  
THE WORK**

1.1 **Performance of the Work.** Contractor shall, at its sole cost and expense, provide, perform, and complete all of the following work described on Attachment A and in this Section 1.1, all of which is herein referred to as the "Work". To the extent the terms of this Contract and the document attached as Attachment A conflict, the terms of this Contract shall control.

A. **Labor, Equipment, Materials and Supplies.** Contractor shall provide, perform and complete in the manner described and specified in this Contract, all necessary work, labor, services, transportation equipment, materials, apparatus, machinery, tools, fuels, gas, electric, water, waste disposal, information, data, and other means and items necessary to accomplish the project in accordance with the documents attached hereto as Attachment A and made a part hereof.

B. **Insurance.** Contractor shall procure and furnish all certificates and policies of insurance specified in this Contract under attached **Exhibit A.**

C. **Taxes.** Contractor shall pay all applicable federal, state, and local taxes.

D. **Quality.** Contractor shall provide, perform and complete all of the foregoing in a proper and workmanlike manner, consistent with the highest standards of professional and construction practices and in full compliance with, and as required by or pursuant to, this Contract, and in a manner and in accordance with all applicable federal, state, and county laws and regulations and the Village codes, ordinances, regulations, and directives, including but not limited to all local zoning ordinances and regulations, and other applicable codes, and with the greatest economy, efficiency, and expedition consistent herewith, with only new, undamaged and first quality equipment, materials and supplies.

E. **Bonds.** The Contractor shall furnish to the Owner at the time of execution of the contract, bonds in the full amount of the contract sum, securing the full and faithful performance of this contract and the payment for all labor and material furnished by the Contractor or anyone furnishing such under the Contractor's contract or a subcontract of

any tier. Said bonds shall be in conformance as set forth below and any additional specifications imposed by other contract documents, including, but not limited to, the prevailing wage requirements set forth in the contract documents. Said bonds shall be written by a surety that is acceptable to the Owner, in the Owner's discretion. Such bonds shall be obtained from a company with a minimum A.M. Best Rating of A- and to which the Owner has no reasonable objection.

The Contractor shall provide a Performance Bond as follows:

1. Provide a 100 percent Performance Bond in conformance with AIA Document 312 as modified by Owner and Contractor.

2. The bonds must be from a reputable company acceptable to the Owner set forth above and authorized to do surety business in Illinois.

1.2 **Commencement and Completion Dates.** This contract shall commence on the contract signature date and extend until completion of the work which shall be completed no later than May 1, 2021. ("Contract Time")

1.3 **Technical Ability to Perform.** Contractor represents and warrants that it is sufficiently experienced and competent, and has the necessary capital, facilities, organization, and staff, to provide, perform and complete the Work in full compliance with, and as required by or pursuant to, this Contract.

1.4 **Financial Ability to Perform.** Contractor represents and warrants that it is financially solvent, and Contractor has the financial resources necessary to provide, perform and complete the Work in full compliance with, and as required by or pursuant to, this Contract.

1.5 **Time.** Contractor represents and warrants that it is ready, willing, able and prepared to begin the work on the Commencement Date and that the Contract Time is sufficient time to permit completion of the Work in full compliance with, and as required by or pursuant to, this Contract for the Contract Price, all with due regard to all natural and man-made conditions that may affect the Work or the Work Site and all difficulties, hindrances, and delays that may be incident to the Work.

1.6 **Safety at the Work Site.** Contractor shall be solely and completely responsible for providing and maintaining safe conditions at the Work Site, including the safety of all persons and property during performance of the Work. This requirement shall apply continuously and shall not be limited to normal working hours. Contractor shall take all safety precautions as shall be necessary to comply with all applicable laws and to prevent injury to persons and damage to property.

Contractor shall conduct all of its operations without interruption or interference with vehicular and pedestrian traffic on public and private rights-of-way.

1.7 **Cleanliness of the Work Site and Environs.** Contractor shall keep the Work Site and adjacent areas clean at all times during performance of the Work and shall, upon completion of the Work, leave the Work Site and adjacent areas in a clean and orderly condition.

1.8 **Damage to the Work, the Work Site, and Other Property.** Contractor shall have no claim against Owner because of any damage or loss to the Work or to Contractor's equipment, materials, or supplies from any cause whatsoever, including damage or loss due to simultaneous work by others. Contractor shall, promptly and without charge to Owner, repair or replace, to the satisfaction of Owner, any damage done to, and any loss suffered by, the Work and any damage done to, and any loss suffered by, the Work Site or other property as a result of the Work. Notwithstanding any other provision of this Contract, Contractor's obligations under this Section shall exist without regard to, and shall not be construed to be waived by, the availability or unavailability of any insurance, either of Owner or Contractor, to indemnify, hold harmless, or reimburse Contractor for the cost of any repair or replacement work required by this Section.

1.9 **Owner's Right to Terminate or Suspend Work for Convenience.**

A. **Termination of Suspension for Convenience.** Owner shall have the right, for its convenience, to terminate or suspend the Work in whole or in part at any time by written notice to Contractor. Every such notice shall state the extent and effective date of such termination or suspension. On such effective date, Contractor shall, as and to the extent directed, stop Work under this Contract, cease all placement of further orders or subcontracts, terminate or suspend Work under existing orders and subcontracts, and cancel any outstanding orders or subcontracts that may be canceled.

B. **Payment for Completed Work.** In the event of any termination pursuant to Subsection 1.9A above, Owner shall pay Contractor (1) such direct costs, excluding overhead, as Contractor shall have paid or incurred for all Work done in compliance with, and as required by or pursuant to, this Contract up to the effective date of termination. Any such payment shall be offset by any prior payment or payments and shall be subject to owner's rights to withhold and deduct as provided in this Contract. Furthermore any payment by Owner made pursuant to this section, including the amount of any offsets due to a prior payment or payments, shall not exceed the Contract Price set forth in Attachment A unless such a payment is permitted by and granted under the terms and conditions set forth in Article V and Attachment A.

## **ARTICLE II CHANGES AND DELAYS**

2.1 **Changes.** Owner shall have the right, by written order executed by Owner, to make changes in the Contract, the Work, the Work Site, and the Contract Time ("Change Order"). If any Change Order causes an increase or decrease in the amount of the Work, an equitable adjustment in the Contract Price or Contract Time may be made. No claims

for equitable adjustments in the Contract Price or Contract Time shall be made or allowed unless embodied in a Change Order signed by Owner. All claims by Contractor for an equitable adjustment in either the Contract Price or the Contract Time shall be made within two (2) business days following receipt by Contractor of such Change Order, and shall, if not made prior to such time, be conclusively deemed to have been waived. No decrease in the amount of the Work caused by any Change Order shall entitle Contractor to make any claim for damages, anticipated profits, or other compensation. No oral modification, amendment, or change shall be allowed to this contract. Any modification, amendment, or change hereto shall be in writing and approved by the corporate authorities of the Owner.

### ARTICLE III CONTRACTOR'S RESPONSIBILITY FOR DEFECTIVE WORK

3.1 **Inspection: Correction of Defects.**

A. **Inspection.** All parts of the Work shall be subject to inspection by Owner or its designated representatives.

B. **Correction.** Contractor shall, promptly and without charge, repair, correct, or replace all or any portion of the Work that is defective, damaged, flawed, or unsuitable or that in any way fails to conform strictly to the requirements of this Contract.

3.2 **Owner's Right to Correct.** If, within ten (10) business days after Owner gives Contractor written notice of any unsuitability or nonconformity, Contractor fails to make, or undertake with due diligence to make, the necessary corrections, then Owner shall be entitled to make, either with its own forces or with contract forces, the corrections and to recover from Contractor all resulting costs, expenses, losses, or damages, including attorneys fees and administrative expenses.

### ARTICLE IV FINANCIAL ASSURANCES

4.1 **Insurance.** Contemporaneous with Contractor's execution of this Contract, Contractor shall provide certificates and policies of insurance evidencing the minimum insurance coverages and limits set forth in the attached **Exhibit A.**

### ARTICLE V PAYMENT

5.1 **Contract Price.** Owner shall pay to Contractor, in accordance with and subject to the terms and conditions set forth in this Article V and Attachment A, and Contractor shall accept in full satisfaction for providing, performing, and completing the Work, the

amount or amounts set forth in Attachment A (the "Contract Price"), subject to any additions, deductions, or withholdings provided for in the Contract.

5.2 **Taxes and Benefits.** Owner is exempt from and shall not be responsible to pay, or reimburse Contractor for, any state or local sales, use, or exercise taxes.

5.3 **Payments.**

A. **Payment.** Invoices shall be submitted to the Village (Owner) by the Contractor and shall be paid within 30-45 days upon receipt of the invoice by the Village (Owner) to the Contractor.

5.4 **Deductions.**

A. **Owner's Right to Withhold.** Notwithstanding any other provision of this Contract and without prejudice to any of Owner's other rights or remedies, Owner shall have the right at any time or times, whether before or after approval of any Pay Request, to deduct and withhold from any progress payment that may be or become due under this Contract such amount as may reasonably appear necessary to compensate Owner for any actual or prospective loss due to: (1) Work that is defective, damaged, flawed, unsuitable, nonconforming, or incomplete; (2) damage for which Contractor is liable under this Contract; (3) state or local sales, use, or exercise taxes from which Owner is exempt; (4) Liens or claims of Lien regardless of merit; (5) claims of subcontractors, suppliers, or other persons regardless of merit; (6) delay in the progress or completion of the Work; (7) inability of Contractor to complete the Work; (8) failure of Contractor to properly complete or document any Pay Request; (9) any other failure of Contractor to perform any of its obligations under this Contract; or (10) the cost to Owner, including attorney's fees and administrative costs, of correcting any of the aforesaid matters or exercising any one or more of Owner's remedies set forth in Section 6.3 of this Contract.

B. **Use of Withheld Funds.** Owner shall be entitled to retain any and all amounts withheld pursuant to Subsection 5.4A above until Contractor shall have either performed the obligations in question or furnished security or such performance satisfactory to Owner. Owner shall be entitled to apply any money withheld or any other money due Contractor under this Contract to reimburse itself for any and all costs, expenses, losses, damages, liabilities, suits, judgments, awards, attorneys' fees and administrative expenses incurred, suffered, or sustained by Owner and chargeable to Contractor under this Contract.

## **ARTICLE VI DISPUTES AND REMEDIES**

6.1 **Dispute Resolution Procedure**

A. **Notice of Disputes and Objections.** If Contractor disputes or objects to any requirement, direction, instruction, determination, or decision of Owner, Contractor may

notify Owner in writing of its dispute or objection and of the amount of any equitable adjustment to the Contract Price or Contract Time to which Contractor claims it will be entitled as a result thereof, provided, however, that Contractor shall, nevertheless, proceed without delay to perform the Work as required, directed, instructed, interpreted, determined, or decided by Owner, without regard to such dispute or objection. Unless Contractor so notifies Owner within two business days after receipt of such requirement, directions, instruction, interpretation, determination, or decision, Contractor shall be conclusively deemed to have waived all such disputes or objections and all claims based thereon.

B. **Negotiation of Disputes and Objections.** To avoid and settle without litigation any such dispute or objection, Owner and Contractor agree to engage in good faith negotiations. Within three business days after Owner's receipt of Contractor's written notice of dispute or objection, a conference between Owner and Contractor shall be held to resolve the dispute. Within three (3) business days after the end of the conference, Owner shall render its final decision, in writing, to Contractor. If Contractor objects the final decision of Owner, then it shall, within three (3) business days, give Owner notice thereof and, in such notice, shall state its final demand for settlement of the dispute. Unless Contractor so notifies Owner, Contractor shall be conclusively deemed (1) to have agreed to and accepted Owner's final decision and (2) to have waived all claims based on such final decision.

6.2 **Contractor's Remedies.** If Owner fails or refuses to satisfy a final demand made by Contractor pursuant to Section 6.1 of this Contract, or to otherwise resolve the dispute which is the subject of such demand to the satisfaction of Contractor, within ten (10) days following receipt of such demand, then Contractor shall be entitled to pursue such remedies, not inconsistent with the provisions of this Contract, as it may have in law or equity.

6.3 **Owner's Remedies.** If it should appear at any time prior to Final Payment that Contractor has failed or refused to prosecute, or has delayed in the prosecution of, the Work with diligence at a rate that assures completion of the Work in full compliance with the requirements of this Contract on or before the Completion Date, or has attempted to assign this Contract or Contractor's rights under this Contract, either in whole or in part, or has falsely made any representation or warranty in this Contract, or has otherwise failed, refused, or delayed to perform or satisfy any other requirement of this Contract or has failed to pay its debts as they come due ("Event of Default"), and has failed to cure any such Event of Default within five (5) business days after Contractor's receipt of written notice Event of Default, then Owner shall have the right, at its election and without prejudice to any other remedies provided by law or equity, to pursue any one or more of the following remedies:

1. Owner may require Contractor, within such reasonable time as may be fixed by Owner, to complete or correct all or any part of the Work that is defective, damaged, flawed, unsuitable, nonconforming, or incomplete; to remove from the Work Site any such Work; to accelerate all or any part of

the Work; and to take any and all other action necessary to bring Contractor and the Work into compliance with this Contract.

2. Owner may perform or have performed all Work necessary for the accomplishment of the results stated in Paragraph 1 above and withhold or recover from Contractor all the cost and expense, including attorneys' fees and administrative costs, incurred by Owner in connection therewith.
3. Owner may accept the defective, damaged, flawed, unsuitable, nonconforming, incomplete, or dilatory Work or part thereof and make an equitable reduction in the Contract Price.
4. Owner may terminate this Contract without liability for further payment of amounts due or to become due under this Contract.
5. Owner may withhold from any Progress Payment or Final Payment, whether or not previously approved, or may recover from Contractor, any and all costs, including attorneys' fees and administrative expenses, incurred by Owner as the result of any Event of Default or as a result of actions taken by Owner in response to any Event of Default.

6.4 **Terminations and Suspensions Deemed for Convenience.** Any termination or suspension of Contractor's rights under this Contract for an alleged default that is ultimately held unjustified shall automatically be deemed to be a termination or suspension, for the convenience of Owner under Section 1.9 of the Contract.

## **ARTICLE VII LEGAL RELATIONSHIPS AND REQUIREMENTS**

7.1 **Binding Effect.** This Contract shall be binding upon Owner and Contractor and upon their respective heirs, executors, administrators, personal representatives, and permitted successors and assigns. Every reference in this Contract to a party shall also be deemed to be a reference to the authorized officers, employees, agents, and representatives of such party.

7.2 **Relationship of the Parties.** Contractor is retained by the Owner only for the purposes and to the extent set forth in this contract, and its relation to the Village shall, during the term of this contract, be that of an independent contractor while providing and performing the Work. Nothing in, nor done pursuant to, this Contract shall be construed to create the relationship of principal and agent, partners, or joint venturers between Owner and Contractor. Contractor shall not be considered as having an employee status, nor shall the Owner withhold any sums for the payment of income taxes, or FICA taxes, nor shall Contractor be entitled to participate in any plans, arrangements, or distributions by the Owner pertaining to or in connection with any pension or retirement plans, or any other benefits for the regular employees of the Owner.

7.3 **No Collusion.** Contractor hereby represents that the only persons, firms, or corporations interested in this Contract as principals are those disclosed to Owner prior to the execution of this Contract, and that this Contract is made without collusion with any other person, firm, or corporation. If at any time it shall be found that Contractor has, in procuring this Contract, colluded with any other person, firm, or corporation, then Contractor shall be liable to Owner for all loss or damage that Owner may suffer thereby, and this Contract shall, at Owner's option, be null and void.

7.4 **Assignment.** Contractor shall not (1) assign this Contract in whole or in part, (2) assign any of Contractor's rights or obligations under this Contract, or (3) assign any payment due or to become due under this Contract without the prior express written approval of Owner, which approval may be withheld in the sole and unfettered discretion of Owner.

7.5 **Notices.** All notices required or permitted to be given under this Contract shall be in writing and shall be deemed received by the addressee thereof when delivered in person on a business day at the address set forth below or on the third business day after being deposited in any United States Post Office, for delivery at the address set forth below by properly addressed, postage prepaid, certified or registered mail, return receipt requested or one (1) business day after being delivered to a recognized overnight delivery service for guaranteed next business day delivery.

Notices and communications to Owner shall be addressed to, and delivered at, the following address:

Village of Vernon Hills  
490 Greenleaf Drive  
Vernon Hills, IL 60061-1039  
Attention: David H. Brown, Director of Public Works

Copy to: Klein, Thorpe and Jenkins, Ltd.  
20 N. Wacker Drive, Suite 1660  
Chicago, IL 60606  
Attention: James V. Ferolo

Notices and communications to Contractor shall be addressed to, and delivered at, the following address:

CTR Systems, Inc.  
7400 Waukegan Rd.  
Niles, IL 60714

7.6 **Indemnification.** As a material inducement for the Owner to enter into this contract, Contractor agrees to defend, indemnify and hold harmless the Owner and its elected officials, officers, agents, attorneys and employees from and against any and all claims, actions, suits, damages, costs, expenses and liabilities, including the reasonable fees and expenses of their attorneys, expert witnesses and consultants, court costs and fines, asserted against them or sought to be imposed upon them, individually, jointly or severally, and which arise directly or indirectly out of or in connection in any way with Contractor's operation of the Project or performance of the terms of this contract, except to the extent that those claims, actions, suits, damages, costs, expenses and liabilities arise

from the sole negligence of Owner, its representatives, officers, trustees, agents and employees. In the event of any claims, actions, suits, damages, costs, expenses and liabilities, the Owner shall have the right to counsel of its choice and the right to direct its own defense.

The scope of Contractor's indemnification shall include, but is not limited to:

- (1) Any negligent, tortious or wrongful act or omission of Contractor, its officers, agents, employees, contractors or subcontractors, resulting in personal injury, bodily injury, sickness or death to any person, loss or damage of any kind to the property of any person, including Contractor, its officers, agents employees, licensees and invitees, or damage to or loss of other intangible property rights or personal rights, including but not limited to libel, slander and invasion of privacy; and
- (2) loss or damage of any kind resulting from Contractor's failure to comply with any provision of this contract, or of any federal, state or local law or regulation applicable to Contractor.

7.7 **Governing Laws.** This contract provides for services to be performed and goods to be delivered within the State of Illinois. Accordingly, this contract, and all questions of interpretation, construction and enforcement hereof, and all controversies hereunder, shall be governed by the applicable statutory and common law of the State of Illinois. The parties agree that for the purpose of any litigation relative to this contract and its enforcement, venue shall be in the Circuit Court of Lake County, Illinois and the parties consent to the in personam jurisdiction of said Court for any such action or proceeding.

7.8 **Compliance with Laws and Grants.** Contractor shall give all notices, pay all fees, and take all other action that may be necessary to ensure that the Work is provided, performed, and completed in accordance with all required governmental permits, licenses or other approvals and authorizations that may be required in connection with providing, performing, and completing the Work, and with all applicable statutes, ordinances, rules, and regulations.

In accordance with the Illinois Prevailing Wage Act III. Rev. Stat. 820 ILCS 130/1 et seq., the Contractor (and all subcontractors hired by Contractor) shall not pay less to all laborers, workman, and mechanics performing work under this contract that the prevailing rate of wages for similar work in the locality of the Village of Vernon Hills. Not less than the prevailing rate of wages as found by Owner or the Department of Labor or determined by a Court on review shall be paid to all laborers, workers and mechanics performing work under this Contract. The Contractor and each subcontractor shall keep an accurate record showing the names and occupations of all laborers, workers and mechanics employed by them on this contract, and also showing the actual hourly wages paid to each of such persons. The submission by the Contractor and each subcontractor of payrolls, or copies thereof, is not required. However, the Contractor and each

subcontractor shall preserve their weekly payroll records for a period of three years from the date of completion of this Contract and delivered to Owner upon written request by Owner. If the Department of Labor revised the prevailing rate of hourly wages to be paid by the public body, the revised rate as provided by the public body shall apply to this Contract. Contractor shall require each subcontractor to comply with the provisions of this Section 7.7.

Each party and its officers, corporate authorities, employees and agents certify that they are not barred from entering into this contract as a result of a violation of either 720 ILCS 5/33E-3 or 5/33E-4 (bid rigging or bid rotating) or 5/33E-6 (interference with contract submission and award by public official) or as a result of a violation of 820 ILCS 130/1 et seq. (the Illinois Prevailing Wage Act) or as a result of: (1) a delinquency in the payment of any tax administered by the Illinois Department of Revenue or any fee required by any unit of local government or the State, unless the party is contesting, in accordance with the procedures established by the appropriate revenue act, its liability for the tax or the amount of the tax or the fee, as set forth in Section 11-42.1-1 et seq. of the Illinois Municipal Code, 65 ILCS 5/11-42.1-1 et seq. Each party and its officers, corporate authorities, employees and agents further certify by signing this contract that the party and its officers, corporate authorities, employees and agents have not been convicted of, or are not barred for attempting to rig bids, price-fixing or attempting to fix prices as defined in the Sherman Anti-Trust Act and Clayton Act. 15 U.S.C. § 1 et seq.; and has not been convicted of or barred for bribery or attempting to bribe an officer or employee of a unit of state or local government or school district in the State of Illinois in that officer's or employee's official capacity. Nor has any of the parties and their officers, corporate authorities, employees and agents made admission of guilt of such conduct which is a matter of record, nor has any official, officer, agent or employee of the parties been so convicted nor made such an admission.

The Contractor shall comply with the Illinois Drug Free Work Place Act (30 ILCS 580/1 et seq.).

No employee or agent of the Owner is interested in the business of Contractor or this contract; (2) as of the date of this contract, neither Contractor nor any person employed or associated with Contractor has any interest that would conflict in any manner or degree with the performance of the obligations under this contract; and (3) neither Contractor nor any person employed by or associated with Contractor shall at any time during the term of this contract obtain or acquire any interest that would conflict in any manner or degree with the performance of the obligations under this contract.

In the performance of its obligations pursuant to this contract and in the operation of its program, the Contractor shall comply with all applicable provisions of federal, state and local law, including those regulations in regard to all applicable equal employment opportunity requirements, the Equal Opportunity Clause of the Illinois Human Rights Act (775 ILCS 5/1-101 et seq.) and the Rules and Regulations of the Illinois Department of Human Rights and the Americans with Disability Act (42 U.S.C. 12101 et seq.), and all rules and regulations issued pursuant to those Acts. There shall be no discrimination on

the basis of disabilities (as defined in the Act) in the operation of the services and programs provided by Contractor hereunder. Any complaint of such discrimination received by Contractor shall be immediately forwarded to the Owner.

The Contractor shall comply with all applicable federal and state laws and regulations including, but not limited to, such laws and regulations relating to minimum wages to be paid to employees, limitations upon the employment of minors, minimum fair wage standards for minors, payment of wages due employees, and health and safety of employees. Contractor agrees to pay its employees, if any, all rightful salaries, medical benefits, pensions and social security benefits pursuant to applicable labor agreements and federal and state statutes, and Contractor further agrees to make all required withholdings and deposits therefore. Such requirements shall be included by Contractor in all its contracts and agreements with contractors and subcontractors for this program.

The Contractor shall comply with the Illinois Freedom of Information Act (5 ILCS 140/1 et seq.) ("FOIA") as follows: the definition of a public record in the FOIA includes a "public record that is not in the possession of a public body but is in the possession of a party with whom the agency has contracted to perform a governmental function on behalf of the public body and that directly relates to the governmental function and is not otherwise exempt under this Act." (5 ILCS 140/7(2)). Consequently, the parties must maintain and make available to the other parties, upon request, their public records relating to the performance of this contract in compliance with the requirements of the Local Records Act (50 ILCS 205/1 et seq.) and FOIA. To facilitate a response by the Village to any FOIA request, Contractor agrees to provide all requested public records within five (5) business days of a request being made by the Village. Contractor agrees to defend, indemnify and hold harmless the Village, and agrees to pay all reasonable costs connected therewith (including, but not limited to, reasonable attorney and witness fees, filing fees and any other expenses) for the Village to defend any and all causes, actions, causes of action, disputes, prosecutions or conflicts arising from Contractor's actual or alleged violation of the FOIA or Contractor's failure to furnish all public records as requested by the Village. Furthermore, should Contractor request that the Village utilize a lawful exemption under FOIA in relation to any FOIA request thereby denying that request, Contractor agrees to pay all costs connected therewith (such as reasonable attorney and witness fees, filing fees and any other expenses) to defend the denial of the request. The defense shall include, but not be limited to, challenged or appealed denials of FOIA requests to either the Illinois Attorney General or a court of competent jurisdiction. Contractor agrees to defend, indemnify and hold harmless the Village, and agrees to pay all costs incurred by the Village connected therewith (such as reasonable attorney and witness fees, filing fees, penalties, fines, and any other expenses) to defend any denial of a FOIA request pursuant to Contractor request to utilize a lawful exemption.

Contractor affirms that neither it nor any of its principals, shareholders, members, partners, or affiliates, as applicable, is a person or entity named as a Specially Designated National and Blocked Person (as defined in United States Presidential Executive Order 13224) and that it is not acting, directly or indirectly, for or on behalf of a Specially

Designated National and Blocked Person. Contractor further represents and warrants to the Village that Contractor and its principals, shareholders, members, partners, or affiliates, as applicable, are not, directly or indirectly, engaged in, and are not facilitating, the transactions contemplated by this contract on behalf of any person or entity named as a Specially Designated National and Blocked Person. Contractor agrees to defend, indemnify and hold harmless the Village, its respective corporate authorities, and all of the Village's elected or appointed officials, officers, employees, agents, representatives, and attorneys, from and against any and all claims, damages, losses, risks, liabilities, and expenses (including reasonable attorneys' fees and costs) arising from or related to any breach of the representations and warranties in this subsection.

7.9 **Time**. The Contract Time is of the essence of this Contract. Except where otherwise stated, references in this Contract to days shall be construed to refer to calendar days.

7.10 **Severability**. The provisions of this Contract shall be interpreted when possible to sustain their legality and enforceability as a whole. In the event any provision of this Contract shall be held invalid, illegal, or unenforceable by a court of competent jurisdiction, in whole or in part, neither the validity of the remaining part of such provision, nor the validity of any other provision of this Contract shall be in any way affected thereby.

7.11 **Amendments**. No modification, addition, deletion, revision, alteration or other change to this Contract shall be effective unless and until such change is reduced to writing and executed and delivered by Owner and Contractor.

IN WITNESS WHEREOF, Owner and Contractor have caused this Contract to be executed in three original counterparts as of the day and year first written above.

Attest/Witness

By: *Stephanie Kanel*  
Title: *Executive Secretary*

Attest/Witness:

By: *Maya D. Paolo*  
Title: *Secretary*

OWNER:

VILLAGE OF VERNON HILLS

By: *Mark F. Chiodini*  
Title: *Village Manager*

CONTRACTOR:

CHICAGOLAND TRENCHLESS  
REHABILITATION SYSTEMS, INC.

By: *John E. H.*  
Title: *V.P.*

**EXHIBIT A  
INSURANCE REQUIREMENTS**

CONTRACTOR AGREES TO MAINTAIN THE FOLLOWING:

**Property Insurance:**

**Minimum Limits of Insurance**

Contractor shall maintain limits no less than:

- Comprehensive General Liability: \$3,000,000 combined single limit per occurrence for bodily injury, personal injury, and property damage. Minimum General Aggregate shall be no less than \$5,000,000 per person per aggregate.
- Villages and Contractors Protective Liability: \$2,000,000 combined single limit per occurrence.
- Automobile Liability: \$1,000,000 combined single limit per accident for bodily injury and property damage.
- Worker's Compensation and Employers' Liability: Worker's Compensation limits as required by the Labor Code of the State of Illinois and Employers' Liability limits of \$500,000 per accident.

**Deductibles and Self-Insured Retentions**

Any deductibles or self-insured retentions must be declared to and approved by The Village. At the option of The Village, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects The Village, its officials, employees and volunteers; or Contractor shall procure a bond guaranteeing payment of losses and related investigation, claim administration and defense expenses.

**Other Insurance Provisions**

The policies are to contain, or be endorsed to contain the following provisions:  
Commercial General Liability, The Village's and Contractor's Protective Liability and Automobile Liability Coverage

- a. The Village, its elected officials, officers, agents, attorneys, employees and volunteers are to be covered as Additional Insureds with regard to liability arising out of activities performed by or on behalf of Contractor and for materials, and equipment procured, owned, leased, hired or borrowed by Contractor. The coverage shall contain no special limits on the scope of the protection afforded to The Village, its officials, employees or volunteers.
- b. Contractor's insurance coverage shall be primary insurance with regard to the Village, its elected officials, officers, agents, attorneys, employees and volunteers. Any insurance or self-insurance maintained by the Village, its officials, employees or volunteers shall be excess of Contractor's insurance and shall not contribute with it. Contractor's policy or policies

of insurance shall specifically recognize and cover Contractor's indemnification obligations under this contract, and shall contain cross-liability endorsements.

- c. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the Village, its officials, employees or volunteers.
- d. Coverage shall state that Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits or the insurer's liability.

#### **Worker's Compensation and Employers' Liability Coverage**

The insurer shall agree to waive all rights or subrogation against the Village, its officials, employees or volunteers for losses arising from work performed by Contractor for The Village.

#### **All Coverages**

Each insurance policy required by this clause shall be endorsed to state that the coverage shall not be suspended, voided; canceled, reduced in coverage or in limits except after thirty (30) day's prior written notice by certified mail, return receipt requested, has been given to The Village. In the event of the cancellation of any insurance policy required herein, or upon Contractor's failure to procure said insurance, the Village shall have the right to terminate this contract.

#### **Acceptability of Insurers**

The insurance carrier used by Contractor shall have a minimum insurance rating of A- according to the AM Best insurance Rating Schedule and licensed to do business in the State of Illinois.

#### **Certificates of Insurance**

Contractor shall furnish The Village with certificates of insurance and copies of all policies of insurance naming The Village, its officials, agents, employees and volunteers as additional insureds, and with original endorsements affecting coverage required by this clause. The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The certificates and endorsements may be on forms provided by the municipality and are to be received and approved by the municipality before any work commences. The Village reserves the right to request full certified copies of the insurance policies. Contractor shall furnish evidence of such insurance to the Village prior to the Effective Date, and then on an annual basis thereafter, in the form of a Certificate of Insurance that names the Village and its elected officials, officers, agents, attorneys and employees as additional insureds. The Village shall have the right to approve the coverage and carrier, which approval shall not be unreasonably withheld.

STATE OF ILLINOIS        )  
                                      )  
COUNTY OF COOK        )

SS

**CONTRACTOR'S CERTIFICATION**

DANIEL DIPAULO, being first duly sworn on oath, deposes and states that all statements herein are made on behalf of Contractor, that this deponent is authorized to make them, and that all statements contained herein are true and correct.

Contractor deposes, states, and certifies that Contractor is not barred from contracting with a unit of state or local government as a result of a violation of either 720 ILCS 5/33E-3 or 33E-4 of the Criminal Code of 1961.

DATED this 10<sup>th</sup> day of MARCH, 2021.

Attest/Witness

By: Mary Jo Dipaolo

Title: SECRETARY

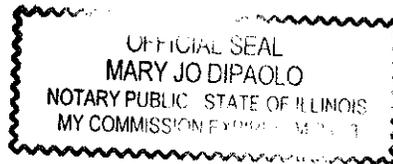
[Signature]

By: DANIEL DIPAULO

Title: N.P.

Subscribed and Sworn to  
before me this day 10<sup>th</sup>  
of MARCH, 2021.

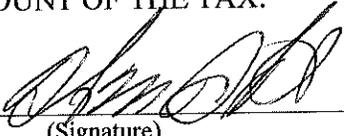
[Signature]  
Notary Public



(SEAL)

**Certificate of Compliance-Bidrigging**

PURSUANT TO ILLINOIS REVISED STATUTES, CHAPTER 38, SECTION 33E-11, THE UNDERSIGNED CERTIFIES ON BEHALF OF HIMSELF AND/OR AS AGENT OR EMPLOYEE OF CTR SYSTEMS INC THAT THIS CONTRACTOR HAS NOT BEEN BARRED FROM CONTRACTING WITH ANY UNIT OF STATE OR LOCAL GOVERNMENT AS A RESULT OF A VIOLATION OF EITHER A BID RIGGING OR BID ROTATING CONVICTION AND FURTHER CERTIFIES THAT SAID INDIVIDUAL OR ENTITY OWES NO DELINQUENT TAXES ADMINISTERED BY THE DEPARTMENT OF REVENUE UNLESS THE INDIVIDUAL OR OTHER ENTITY IS CONTESTING, IN ACCORDANCE WITH THE PROCEDURES ESTABLISHED BY THE APPROPRIATE REVENUE ACTS, ITS LIABILITY FOR THE TAX OR THE AMOUNT OF THE TAX.

By:  CTR SYSTEMS INC  
(Signature) (Name of bidding company)

DANIEL M. BAROLD 7400 WAUKEGAN RD, 101  
(Print Name) (Address)

Date Submitted: 3/10/27 WILES IL 60714  
(City) (State) (Zip)

847-588-1145  
(Phone)

847-588-1146  
(FAX)

dan@ctrsystem.com  
(E-Mail)

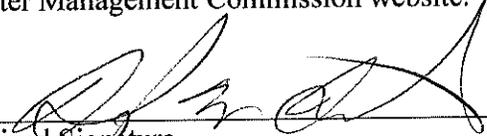
\_\_\_\_\_  
(Seal)

## Coordination of Contractors

The Village of Vernon Hills has the responsibility to hire contractors who are knowledgeable of the applicable requirements of the ILR40 and ILR10 permits. To provide education for all contractors responsible for municipal green infrastructures and ensure they are aware of good housekeeping/pollution prevention practices. The current ILR10 may be found on the Village website, Engineering Department, NPDES Report. The current ILR40 may be found on the Village website, Engineering Department, Vernon Hills SMPP.

## Certification of Coordination of Contractors

This certifies that CTR SYSTEMS, INC (company name) is knowledgeable of the applicable requirements of the ILR40 and ILR10 permits. Also, has reviewed and understands all Stormwater Best Practices as listed on the Lake County Stormwater Management Commission website.

  
\_\_\_\_\_  
Authorized Signature

DANIEL M. DIPAOLO  
\_\_\_\_\_  
Printed Name

V. P.  
\_\_\_\_\_  
Title

CTR SYSTEMS, INC  
\_\_\_\_\_  
Company

3/10/21  
\_\_\_\_\_  
Date

## Certification of Substance Abuse Prevention Program

This certifies that CTR SYSTEMS, INC (company name) has a written Substance Abuse Prevention Program, in compliance with the Prevailing Wage Act.

Authorized Signature

DANIEL M DIPAULO

Printed Name

V. P.

Title

CTR SYSTEMS, INC

Company

3/10/21

Date

VILLAGE OF VERNON  
HILLS  
CONTRACT FOR  
VERNON HILLS STORM  
SEWER REPAIRS

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS:

that

\_\_\_\_\_  
*[ Name and Address of Successful Bidder ],*

as principal, hereinafter called Contractor, and

\_\_\_\_\_  
*[ Name and Address of Surety ],*

as Surety, a corporation organized and existing under the laws of the State

of

\_\_\_\_\_  
*[ State of Incorporation ],*

hereinafter called Surety, are held and firmly bound unto Village of Vernon Hills, 290 Evergreen Drive, Vernon Hills, Illinois 60061, as Obligee, hereinafter called the Village, in the full and just sum of

\_\_\_\_\_  
*[ Contract Amount in Writing ] ( \$ [ Contract Amount in Figures ] ),*

for the payment of which sum of money well and truly to be made, Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents, said amount to include payment of actual costs and damages and for attorneys' fees, architectural fees, design fees, engineering fees, accounting fees, testing fees, consulting fees, administrative costs, court costs, interest and any other fees and expenses resulting from or incurred by reason of Contractor's failure to promptly and faithfully perform its Contract/Proposal with Owner, said Contract/Proposal being more fully described below, and to include attorneys' fees, court costs and administrative and other expenses necessarily paid or incurred in successfully enforcing performance of the obligation of Surety under this bond.

WHEREAS, Owner has accepted Contract/Proposal from

\_\_\_\_\_  
*[ Name of Successful Bidder ],*

dated \_\_\_\_\_ 2021, entitled Village of Vernon Hills Storm Sewer Repairs (the "Contract/Proposal"), the terms and conditions of which are by this reference incorporated herein as though fully set forth herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH THAT if Contractor shall well, truly and promptly perform all the undertakings, covenants, terms, conditions and agreements of said Contractor under the Contract/Proposal, including, but not limited to, Contractor's obligations under the

Contract/Proposal: (1) to provide, perform and complete at the Work Sites and in the manner specified in the Contract/Proposal all necessary work, labor, services, transportation, equipment, materials, apparatus, machinery, tools, fuels, gas, electric, water, waste disposal, information, data and other means and items necessary for the Contract; (2) to procure and furnish all permits, licenses and other governmental approvals and authorizations necessary in connection therewith; (3) to procure and furnish all bonds, certificates of insurance specified in the Contract/Proposal; (4) to pay all applicable federal, state and local taxes; (5) to do all other things required of Contractor by the Contract/Proposal; and (6) to provide, perform and complete all of the foregoing in a proper and workmanlike manner and in full compliance with, and as required by and pursuant to, the Contract/Proposal; all of which is herein referred to as the "Work," whether or not any of said Work enter into and become component

parts of the improvement contemplated, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

Surety, for value received, hereby stipulates and agrees that no changes, modifications, alterations, omissions, deletions, additions, extensions of time, or forbearances on the part of either Owner or Contractor to the other in or to the terms of said Contract/Proposal; in or to the schedules, plans, drawings or specifications; in or to the method or manner of performance of the Work; in or to Owner-furnished facilities, equipment, material, service or sites; or in or to the mode or manner of payment therefore, shall in any way release Contractor and Surety or either or any of them, or any of their heirs, executors, administrators, successors or assigns or affect the obligations of Surety on this bond, all notice of any and all of the foregoing changes, modifications, alterations, omissions, deletions, additions, extensions of time or forbearances, and notice of any and all defaults by Contractor or of Owner's termination of Contractor being hereby waived by Surety.

Notwithstanding anything to the contrary in the foregoing paragraph, in no event shall the obligations of Surety under this bond in the event of Contractor's default be greater than the obligations of Contractor under the Contract/Proposal in the absence of such Contractor default.

In the event of a default or defaults by Contractor, Owner shall have the right to take over and complete the Contract/Proposal upon 30 calendar days' written notice to Surety, in which event Surety shall pay Owner all costs incurred by Owner in taking over and completing the Contract/Proposal.

At its option, Owner may instead request that Surety take over and complete the Contract/Proposal, in which event Surety shall take reasonable steps to proceed promptly with completion no later than 30 calendar days from the date on which Owner notifies Surety that Owner wants Surety to take over and complete the Contract/Proposal.

Owner shall have no obligation to actually incur any expense or correct any deficient performance of Contractor in order to be entitled to receive the proceeds of this bond.

No right of action shall accrue on this bond to or for the use of any person or corporation other than  
Owner  
or the heirs, executors, administrators or successors of Owner.

Signed and sealed this \_\_\_\_\_ day of \_\_\_\_\_, 2021.

Attest/Witness:

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

Title: \_\_\_\_\_

Attest/Witness:

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

Title: \_\_\_\_\_

Principal:

\_\_\_\_\_  
*Name of Successful Bidder*

By:

\_\_\_\_\_  
*Name of Contractor's Executing Officer*

Title:

\_\_\_\_\_  
*Title of Contractor's Executing Officer*

Surety:

\_\_\_\_\_  
*Name of Surety*

By:

Title:

Telephone: \_\_\_\_\_

**ATTACHMENT A**  
**DESCRIPTION OF WORK/PROPOSAL**

**(see attached proposal also)**

Work shall be completed by no later than May 1, 2021

**C.T.R. SYSTEMS, INC.**  
CHICAGOLAND TRENCHLESS  
REHABILITATION  
7400 WAUKEGAN RD.



NILES, ILLINOIS 60714  
PH.(847) 815-4478  
FX.(847) 390-8923

Vernon Hills Village Hall  
290 Evergreen Drive  
Vernon Hills, IL 60061

ATTN:  
Steven Maslov  
Crew Leader/Senior Engineer Technician  
Village of Vernon Hills Public Works Department  
Engineering/Landscape Division  
(847) 918-3590 office (847) 367-3728 fax  
[stevenm@vhills.org](mailto:stevenm@vhills.org)

Date: January 29th. 2019

**DESCRIPTION: SECTIONAL LINERS FOR -- VERNON HILLS / STORM SEWER REPAIRS**

We propose to furnish the necessary material, labor, and equipment to perform a C.I.P.P. sectional lining procedure to repair a fault in the following area.

- 6 @ 10" x 4' ..... \$ 2900.00 ea.
- 2 @ 15" x 4' ..... \$ 3400.00 ea.
- 2 @ 24" x 4' ..... \$ 3800.00 ea.

Pre and Post inspection videos will be supplied for spot repairs in mpeg format on a USB thumb drive.

**NOTES:**

- THIS PRICING IS BASED WITHOUT HAVING A VIDEO TO REVIEW. THIS PRICING IS ALSO BASED ON NOT HAVING TO CLEAN / ROOTCUT ( BEYOND 1HR). PRICE IS SUBJECT TO CHANGE AFTER REVIEW OF PIPES.
- ANY CLEANING BEYOND 1 HR WILL BE PERFORMED AT A RATE OF \$375.00 / HR.

**Purchaser Will Furnish:**

- Water from a 1½" to 2" outlet capacity outlet for our high velocity jetting equipment. .
- Any special permits or fees.
- Access to all manholes and sewer lines.
- A dump site for debris removed from the sewers and/or manholes during cleaning
- Any additional traffic control should it be necessary to provide more than standard traffic cones and truck mounted arrow boards.

Thank you for the opportunity and for allowing us to present this quote. If this meets with your acceptance, please sign below and fax a copy back to me along with a purchase order, if applicable. **Payment is due upon completion of the work.**

If you have any questions, please feel free to contact Danny Di Paolo at cell phone no. (773) 575-5302.

PRINT: Mark Fleischbauer, Village Manager  
Signature: Mark Fleischbauer Date: 03/03/21

**ATTACHMENT B**  
**DESCRIPTION OF WORK SITE**

Sections of Village of Vernon Hills Storm Sewer System on Cherry Valley Rd.