

Proposal Submittal

By: _____

Address: _____

CONTRACT DOCUMENTS
AND
SPECIFICATIONS FOR
2015 SEWER LINING PROJECT
VRNTL-16-B-04
RANTOUL, CHAMPAIGN COUNTY, ILLINOIS

SUBMISSION DATE & TIME:

November 30, 2015
2:00 PM LOCAL TIME

BID OPENING DATE & TIME:

November 30, 2015
2:00 PM LOCAL TIME

PRE-BID MEETING:

NONE

BID BOND:

REQUIRED

CONTACT PERSON:

Peter Passarelli
Assistant Director of Public Works
VILLAGE OF RANTOUL
PUBLIC WORKS DEPARTMENT
200 W Grove Avenue
RANTOUL, IL 61866
(217) 892-2178

Approved by
Village of Rantoul
DEPARTMENT OF PUBLIC WORKS

DATE: _____

DIRECTOR OF PUBLIC WORKS

TABLE OF CONTENTS

ADVERTISEMENT FOR BIDS.....2

INFORMATION FOR BIDDERS.....3

GENERAL CONDITIONS..... 7

1.0 CORRELATION OF CONTRACT DOCUMENTS 7

2.0 DESCRIPTION OF THE PROJECT 8

3.0 AWARD OF CONTRACTS.....8

4.0 CONSTRUCTION SCHEDULE AND WORKING DAYS8

5.0 TRAFFIC CONTROL AND PROJECT SAFETY 9

6.0 AUTHORIZED VARIATIONS IN WORK 10

7.0 PAYMENTS TO CONTRACTOR..... 10

8.0 PROTECTION OF WORKERS 11

9.0 PRE-CONSTRUCTION MEETING..... 11

10.0 GUARANTEE PERIOD..... 11

11.0 RESPONSIBILITY FOR DAMAGE CLAIMS 12

12.0 INSURANCE.....12

12.0 MANHOLE ENTRY REQUIREMENTS 16

13.0 CORRESPONDENCE AND COMMUNICATION17

14.0 PREVAILING WAGE RATE.....17

SPECIAL PROVISIONS.....18

1.0) INTRODUCTION AND PROJECT DESCRIPTION 18

2.0) APPROVED PRODUCTS AND INSTALLERS19

3.0) SEWER PLUGS AND BY-PASS PUMPING 20

4.0) CUTTING PROTRUDING SERVICE CONNECTIONS 21

5.0) REINSTATING SERVICE LINE CONNECTIONS 21

6.0) POINT REPAIRS.....22

7.0) PROJECT RECORDS.....23

8.0) TRAFFIC CONTROL.....23

9.0) FULL-LENGTH LINER INSTALLATION..... 24

BID.....33

CONTRACT.....40

CONTRACT BOND..... 41

APPENDIX A..... 43

APPENDIX B.....44

APPENDIX A – SEWER LINING PLANS & TELEVISION INSPECTION REPORTS

APPENDIX B – TRAFFIC CONTROL STANDARDS

ADVERTISEMENT FOR BIDS

Village of Rantoul
Department of Public Works
200 W Grove Avenue
Rantoul, Illinois 61866

Sealed BIDS will be received until **2:00 P.M.** prevailing time on **NOVEMBER 30, 2015** and opened and read aloud publicly at **2:00 P.M.** prevailing time on **NOVEMBER 30, 2015** at the office of the Comptroller, 333 S Tanner, Rantoul, Illinois, 61866 for the **2015 Sewer Lining Project** furnishing of all materials, equipment and labor necessary for the cured-in-place full-length lining of approximately **3728 lineal feet of 8-inch, 330 lineal feet of 10-inch, and 284 lineal feet of 12-inch sanitary sewer and the reinstatement of 104 taps.** All of the sewers under these projects belong to the Village of Rantoul.

Each BID must be accompanied by a BID BOND payable to the Village of Rantoul in the amount of five percent of the total amount of the BID. The Bid Bond of the three lowest bidders for the CONTRACT will be held until receipt of a signed CONTRACT and CONTRACT BOND. All other BID BONDS will be returned after comparison of the BIDS.

A CONTRACT BOND in the total amount of the contract price with a corporate surety approved by the Village will be required for the faithful performance of the CONTRACT.

The BID forms and plans may be examined and copies obtained at the office of the Director of Public Works, 200 W Grove Avenue, Rantoul, Illinois 61866. There is a \$50.00 nonrefundable charge for the documents.

All bidders are required to provide current financial and experience statements or other pre-qualification documents to show satisfactory evidence of the bidder's competency to perform the proposed work prior to award of CONTRACT.

The award for the CONTRACT will be made to the lowest qualified bidder.

DATED this 6th day of November, 2015

G. Gregory Hazel
Director of Public Works

INFORMATION FOR BIDDERS

BIDS will be received by the Village of Rantoul (herein called the "OWNER") acting through the Village Council at 200 W Grove Avenue, Rantoul, Illinois 61866 until **2:00 P.M.** prevailing time on **NOVEMBER 30, 2015** and opened and read aloud publicly at **2:00P.M.** prevailing time on **NOVEMBER 30, 2015.**

The ENGINEER is the Director of Public Works, 200 W Grove Avenue, Rantoul, Illinois, or their designee.

Each BID must be submitted in a sealed envelope, addressed to the Village of Rantoul in care of the Comptroller, 333 S Tanner Street, Rantoul, Illinois 61866. Each sealed envelope containing a BID must be plainly marked on the outside as "**2015 Sewer Lining Project, VRNTL-16-B-04**" and the envelope should bear on the outside the name of the BIDDER and his or her mailing address. If forwarded by mail, the sealed envelope containing the BID must be enclosed in another envelope addressed to the Village of Rantoul in care of the Comptroller, 333 S Tanner Street, Rantoul, Illinois 61866, Rantoul, Illinois 61866.

All Bids must be made on the required Bid form. All blank spaces for Bid prices must be filled in, in ink or typewritten, and the Bid form must be fully completed and executed when submitted. Where amounts are given in both words and figures, the words will govern. If there is a discrepancy between the total amount and unit price, the unit prices will govern.

Each Proposal shall be accompanied by a certified check, bank draft, bank cashier's check or bid bond acceptable to the Owner as a Proposal Guarantee, in an amount not less than five percent (5%) of the amount bid, payable without condition to the Owner as a guaranty that the Bidder, if awarded the Contract, will promptly execute the Agreement in accordance with the Proposal and the other Contract Documents, and will furnish good and sufficient bond for the faithful performance of the work. As soon as the Proposals have been compared, the Owner shall return the Proposal Guarantees of all except the three lowest responsible Bidders. When the Contract is executed, the Proposal Guarantees of the two remaining unsuccessful Bidders shall be returned. The Proposal Guarantee of the successful bidder will be retained until the Performance Bond has been executed and approved, after which it will be returned.

The Contract Documents contain the provisions required for the construction of the Project. Information obtained from an officer, agent or employee of the Owner or any other person shall not affect the risks or obligations assumed by the Contractor or relieve him/her from fulfilling any of the conditions of the Contract.

Bidders must satisfy themselves of the accuracy of the estimated quantities in the Bid schedule by examination of the site and a review of the drawings and specifications, including addenda. After Bids have been submitted, the Bidder shall not assert that there was a misunderstanding concerning the quantities of work or of the nature of the work to be done.

Each Bidder is responsible for inspecting the site and for reading and being thoroughly familiar with the Plans and Contract Documents, including all addenda. The failure or omission of any Bidder to do any of the foregoing shall in no way relieve any Bidder from any obligation in respect to his/her Bid.

Should a bidder find discrepancies in or omission from any part of the documents, or be in doubt as to their meaning, the bidder shall at once notify the Village at least five (5) days prior to the deadline for bid receipt. The Village will send written instructions in the form of an addendum to all bidders if the information is deemed necessary by the Village in submitting bids. The Village will not be responsible for any oral instructions. The failure of the bidder to request clarification prior to submitting the bid waives the bidder's right to claim any ambiguity or discrepancy in the documents.

Should the Village issue any addendum to the bid documents, the bidder shall submit acknowledgement of receipt of the addenda on the bid form and the bid shall be based on all addenda. **Any addendum issued by the Village shall be considered part of the bid documents and failure to submit acknowledgement of the receipt of all addenda shall be cause for the Village to reject the bid.**

Any Bid may be modified or withdrawn prior to the above scheduled time for the opening of Bids or authorized postponement thereof. Any Bid received after the time and date specified shall not be considered. No Bidder may withdraw a Bid within 90 calendar days after the actual date of the opening thereof. Should there be reasons why the contract cannot be awarded within the specified period; the time may be extended by mutual agreement between the Owner and the Bidder.

Award of the Contract will be based on the responsive qualified bid. Award of the bid will be based on the lowest base bid not including the alternative additive.

The Village of Rantoul reserves the right to reject any and all proposals, to waive any technicalities in the proposals, or to continue the letting from time to time as deemed necessary.

A Contract Bond in the amount of 100 percent of the contract price, with a corporate surety approved by the Owner, will be required for the faithful performance of the Contract.

Attorneys-in-fact who sign Bid Bonds or Contract Bonds must file with each bond a certified and effective dated copy of their power of attorney.

The party to whom the Contract is awarded will be required to execute the Contract Forms and obtain the Contract Bond within fifteen (15) calendar days after the contract has been mailed to the Bidder. **The effective date of the CONTRACT BOND shall not precede the date of the CONTRACT.** The NOTICE OF AWARD shall be accompanied by the necessary CONTRACT Forms and BOND forms. In case of failure of the Bidder to execute the Contract, the Owner may at his/her option consider the Bidder in default, in which case the Bid Bond accompanying the proposal shall become the property of the Owner.

The Owner within fifteen (15) days of receipt of acceptable Contract Bond and Contract signed by the party to whom the Contract was awarded shall sign the Contract and return to such party an executed duplicate of the Contract. Should the Owner not execute the Contract within such period, the Bidder may by written notice withdraw his/her signed Contract. Such notice of withdrawal shall be effective upon receipt of the notice by the Owner.

The NOTICE TO PROCEED shall be issued within fifteen (15) days of the execution of the CONTRACT by the OWNER. Should there be reasons why the NOTICE TO PROCEED cannot be issued within such period, the time may be extended by mutual agreement between the OWNER and BIDDER. If the NOTICE TO PROCEED has not been issued within the fifteen (15) day period or within the period mutually agreed upon, the BIDDER may terminate the CONTRACT without further liability on the part of either party. The BIDDER shall begin work within 15 days of receipt of the NOTICE TO PROCEED.

Prior to commencement of the work, the Contractor shall purchase and maintain during the term of the Project, such insurance as will protect him/her, the Owner, and the Engineer from claims arising out of work described in this contract and performed by the Contractor, Subcontractor(s), or Sub-subcontractor(s).

The Owner may make such investigations as (s)he deems necessary to determine the ability of the Bidder to perform the Work, and the Bidder shall furnish to the Owner all such information and data for this purpose as the Owner may request. The Owner reserves the right to reject any Proposal if the evidence submitted by, or investigation of, such Bidder fails to satisfy the Owner that such Bidder is properly qualified to carry out the obligations of the Contract and to complete the Work contemplated therein. The low Bidder shall supply the names and addresses of major material suppliers and subcontractors when requested to do so by the Owner.

A conditional Bid will not be accepted.

All applicable laws, ordinances, and the rules and regulations of all authorities having jurisdiction over construction of the Project shall apply to the contract throughout.

All time limits designated as days within these documents shall be interpreted to mean calendar days. A calendar day is every day on the calendar.

Construction is to be performed within Village rights-of-way and easements.

Attention of Bidders is directed to "An Act Regulating Wages of Laborers, Mechanics, and Other Workmen Employed Under Contracts for Public Work" enacted by the 62nd General Assembly, approved June 26, 1941, as amended to date, and in accordance herewith there shall be paid to each workman engaged in contract work, not less than the prevailing wage including fringe benefits as determined by the Secretary of Labor. Vendors shall be subject to any change in rates, which may be effective at the time the Contract is awarded. Certified payroll submittals from the Contractor shall be required in conjunction with all pay requests.

Attention of Bidders is directed to the provisions of the Fair Employment Practices Act of the State of Illinois approved July 1, 1961, and particularly the provisions of Section 4 thereof, concerning Public Contracts. The Contract, which is to be entered into, shall be conditioned as provided by law.

Attention of Bidders is directed to the provisions of the Illinois Human Rights Act of the State of Illinois approved December 6, 1979, and particularly the provisions of Section 2-501 thereof, concerning Public Contracts. The Contract, which is to be entered into, shall be conditioned as provided by law.

In addition, each Bidder must certify that it is not barred from bidding as a result of non-compliance with State laws, which prohibit bid rigging or bid rotating.

GENERAL CONDITIONS

1.0 CORRELATION OF CONTRACT DOCUMENTS

This project shall be governed by the general requirements and covenants of the “STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS”, latest edition, and the “STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION”, adopted January 1, 2015 by the Illinois Department of Transportation, hereinafter referred to as the STANDARD SPECIFICATIONS.

This document, which includes the general conditions and the special provisions, is herein referred to as the CONTRACT DOCUMENT. The CONTRACT DOCUMENT along with the PROJECT PLANS from the PROJECT PLANS AND SPECIFICATIONS for this project. In the event of conflict between the STANDARD SPECIFICATIONS and the PROJECT PLANS AND SPECIFICATIONS, the PROJECT PLANS AND SPECIFICATIONS shall take precedence.

2.0 DESCRIPTION OF THE PROJECT

This project consists of lining the inside of existing sanitary sewers with full-length cured-in-place liners at various locations within the Village of Rantoul, cutting off protruding service connections necessary to insert the liner, reinstating all live service connections, by-pass pumping as required for installation, traffic control and performing all related incidental work. The work includes the insertion of full-length liners in various 6-inch and 8-inch diameter sanitary sewers.

The Plan sheets for this project are on 8.5" x 11" sheets, which are attached to this document in Appendix A.

The CONTRACTOR shall also be responsible for cleaning up all areas disturbed by the work operations.

3.0 AWARD OF CONTRACTS

A NOTICE OF AWARD will be issued to the lowest qualified BIDDER whose BID meets the requirements presented in the CONTRACT DOCUMENTS.

4.0 CONSTRUCTION SCHEDULE AND WORKING DAYS

The CONTRACTOR shall complete the project within **one hundred and twenty (120) calendar days** of the date of the receipt of Notice to Proceed hereafter referred to as the Completion Time.

Article 108.02, 108.03, 108.04, 108.06, 108.07, 108.08, 108.09 and 108.10 of the STANDARD SPECIFICATIONS shall apply for the prosecution and progress of the work schedule on the project.

The Completion Time may be changed only by a written Change Order from the ENGINEER. A Change Order for an extension of the Completion Time will only be issued as described in Section 108.08(a) of the STANDARD SPECIFICATIONS.

The attention of each CONTRACTOR is directed to Article 108.09 of the STANDARD SPECIFICATIONS, which indicates the schedule of deductions for overruns on the contract time. Article 108.09 shall apply in the event that the CONTRACTOR cannot complete the project within the working days specified.

5.0 TRAFFIC CONTROL AND PROJECT SAFETY

Traffic control shall be in accordance with the applicable sections of the Standard Specifications for Road and Bridge Construction, the applicable guidelines contained in the Manual on Uniform Traffic Control Devices, these Special Provisions, and any special details and Highway Standards.

CONTRACTOR shall present a Traffic Control Plan for approval prior to the start of construction. ENGINEER shall review the proposed Traffic Control Plan and make any modifications deemed necessary for safety and other reasonable considerations. Any delays, inconvenience or expenses, which the CONTRACTOR incurs in complying with these requirements, shall be considered incidental to the project and no additional compensation will be allowed.

When flagmen are required, CONTRACTOR shall attempt to utilize flagmen certified by the Illinois Department of Transportation.

To ensure a prompt response to incidents involving the integrity of the work zone traffic control devices, CONTRACTOR shall provide a telephone number where a responsible individual can be contacted on a 24-hour-a-day basis. When the ENGINEER is notified or determines a deficiency exists, they shall be the sole judge as to whether the deficiency is an immediate safety hazard. CONTRACTOR shall dispatch sufficient resources within 1/2 hour of notification to make needed corrections of deficiencies that constitute an immediate safety hazard. Other deficiencies shall be corrected within 12 hours.

If CONTRACTOR fails to restore the required traffic control and protection within the time limits specified above, the ENGINEER may impose a daily monetary deduction for each 24-hour period (or portion thereof) the deficiency exists. This time period will begin with the time of notification to the CONTRACTOR and end with the ENGINEER's acceptance of the corrections. For this project, the daily deduction will be \$1,000. In addition, if the CONTRACTOR fails to respond, the ENGINEER may correct the deficiencies and the cost thereof will be deducted from monies due or which may become due the CONTRACTOR. The corrective action will in no way relieve the CONTRACTOR of their contractual requirements or responsibilities.

At the end of every work day, the CONTRACTOR shall clean up his/her work area so a safe traveling surface is available for night time use by local traffic. The CONTRACTOR shall be required to provide access to every driveway along each construction area before leaving the job site at the end of the day, unless other provisions to the contrary have been approved by the ENGINEER.

6.0 AUTHORIZED VARIATIONS IN WORK

The ENGINEER may authorize minor variations in the work from the requirements of the Contract Documents, which do not involve a significant adjustment in the Contract Price or the Contract Time and are consistent with the overall intent of the Contract Documents. These may be accomplished by a Field Order and will be binding on the OWNER, and also on the CONTRACTOR who shall promptly perform the Work involved. If the CONTRACTOR believes the Field Order justifies an increase in the Contract Price or an extension of the Contract Time and the parties are unable to agree as to the amount or extent thereof, the CONTRACTOR may make a claim therefore as provided in Section 109 of the STANDARD SPECIFICATIONS.

7.0 PAYMENTS TO CONTRACTOR

It is pointed out that this CONTRACT is a unit price project, and the CONTRACTOR and the ENGINEER will agree on the quantities of each type of work performed. There will be no extra payments due because of extra quantities calculated by the CONTRACTOR after quantities have been agreed upon. Payment to the CONTRACTOR will be made monthly upon receipt of invoices submitted to the ENGINEER by the CONTRACTOR.

Section 109 of the STANDARD SPECIFICATIONS for Road and Bridge Construction by the IDOT, latest edition, shall apply for measurement and payment on the project. Article 109.07(b) shall specifically apply for amounts retained on the project.

Payment will be made by check; no payments will be made with bonds.

8.0 PROTECTION OF WORKERS

All BIDDERS are reminded that the Occupational Safety and Health Administration of the U.S. Department of Labor (OSHA) has certain requirements pertaining to protection of workers when working with hazardous chemicals, when excavation is being performed, when working in confined spaces or other work to be performed under this contract. It is pointed out that it is fully the CONTRACTOR'S responsibility to comply with these requirements and the Village will not accept any extra charges for this compliance or any responsibilities for non-compliance by the CONTRACTOR.

There will be no extra payments for performing any work needed to comply with these requirements.

9.0 PRE-CONSTRUCTION MEETING

As soon as possible after receipt of the Notice to Proceed, the ENGINEER will schedule a Pre-construction Meeting for the project. The CONTRACTOR shall have his General Superintendent and Supervisor present at the pre-construction meeting to discuss all details of the project. At these meetings, the CONTRACTOR shall submit to the ENGINEER for approval information and drawings where appropriate on all major equipment and materials planned for use on the projects. Information shall be included on a minimum of the following items:

- Specifications, design and thickness of the lining planned for each location
- Service tap removal procedure
- Service tap reinstatement procedure
- Sewer cleaning and televising procedure
- Project working schedule
- Traffic control plan

It is expected that these will be reviewed and returned to the CONTRACTOR within five (5) working days with the ENGINEER approval or denial.

10.0 GUARANTEE PERIOD

The CONTRACTOR shall warrant all work performed for a period of one (1) year from the date of completion and acceptance by the OWNER.

11.0 RESPONSIBILITY FOR DAMAGE CLAIMS

The CONTRACTOR shall indemnify and save harmless the OWNER, the ENGINEER, their officers, employees and agents, from all suits, actions or claims of any character including costs and attorney's fees, brought because of any injuries or damages received or sustained by any person, persons, or property on account of the operations of said CONTRACTOR; or on account of, or in consequence of, any neglect in safeguarding the work; or through the use of unacceptable materials in constructing the work; or because of any act or omission, neglect, or misconduct of said CONTRACTOR; or because of any claims or amounts recovered for any infringement of patent, trademark, or copyright; or from any claims or amounts arising or recovered under the "Worker's Compensation Act", or any other law, ordinance, order or decree; and so much of the money due said CONTRACTOR under and by virtue of the CONTRACT as shall be considered necessary by the OWNER for such purposes may be retained for the use of the OWNER; or in case no money is due, the CONTRACTOR'S surety shall be held until such suits, actions or claims have been settled and suitable evidence to that effect furnished to the OWNER.

Any CONTRACTOR'S duty to indemnify the OWNER provided for in this CONTRACT or in the STANDARD SPECIFICATIONS shall be to the greatest extent allowed by law.

12.0 INSURANCE

A. Limitation of Liability

The CONTRACTOR affirmatively represents that (s)he is skilled and experienced in the use and interpretation of Drawings and Specifications such as those included in the CONTRACT DOCUMENTS. Further, (s)he also affirmatively represents that (s)he has carefully reviewed the Drawings and Specifications of this CONTRACT and that (s)he has based his/her BID solely on these Documents, not relying in any way on any explanation or interpretation, oral or written, from any other source.

Unless a CONTRACTOR shall give written notice to the ENGINEER of any ambiguities contained in the Drawings and Specifications prior to the submission of its Bid, the CONTRACTOR agrees that it shall be conclusively presumed that the CONTRACTOR has exercised his/her aforementioned skill and experience and found the Drawings and Specifications sufficient and free from ambiguities, errors, or omissions for the purpose of determining its contract Bid Price for the performance of the Work in conformity with the Drawings and Specifications.

If the CONTRACTOR is required to do extra work not shown in the CONTRACT DOCUMENTS or which the CONTRACTOR could reasonably not have been expected to discover by exercising his/her aforementioned skill and experience, an equitable adjustment in the CONTRACT BID price will be made as provided in the “STANDARD SPECIFICATIONS”.

CONTRACTOR shall list OWNER as additional insured on the insurance documents.

B. Insurance Specifications

1. Insurance Required of the CONTRACTOR

Prior to commencement of the work, each CONTRACTOR shall purchase and maintain during the term of the Project such insurance as will protect him/her, the OWNER(s) and the ENGINEER(s) from claims arising out of the work described in this contract and performed by the CONTRACTOR, SUBCONTRACTOR(S) or SUB-SUBCONTRACTOR(S) consisting of:

- a. Worker’s Compensation Insurance including Employer’s liability to cover employee injuries or disease compensable under the Worker’s Compensation Statutes of the states in which work is conducted under this CONTRACT; disability benefit laws, if any; or Federal compensation acts such as U.S. Longshoremen or Harbor Workers Maritime Employment, or Railroad Compensation Act(s), if applicable. Self-insurance plans approved by the regulatory authorities in the state in which work on this Project is performed are acceptable.
- b. A Comprehensive General Liability policy to cover bodily injury to persons other than employees and for damage to tangible property, including loss of use thereof, including the following exposures.
 - (1) All premises and operations
 - (2) Explosion, collapse and underground damage
 - (3) CONTRACTOR’S Protective coverage for independent CONTRACTORS or SUBCONTRACTORS employed by him/her
 - (4) Contractual Liability for the obligation assumed in the Contract including the Indemnification or Hold Harmless agreement found in the General Conditions section of this contract
 - (5) The usual Personal Liability endorsement with no exclusions pertaining to employment
 - (6) Products and Completed Operations coverage. This coverage shall extend through the contract guarantee period.

- c. A Comprehensive Automobile Liability policy to cover bodily injury and property damage arising out of the Ownership, maintenance or use of any motor vehicle, including owned, non-owned and hired vehicles. In light of standard policy provisions concerning (1) loading and unloading and (2) definitions pertaining to motor vehicles licensed for road use vs. unlicensed or self-propelled construction equipment, it is strongly recommended that the Comprehensive General Liability and the Comprehensive Auto Liability be written by the same insurance carrier, though not necessarily in one policy.
- d. The CONTRACTOR will purchase for the OWNER an OWNER's Protective Liability policy or name the OWNER as an additional insured on the CONTRACTOR'S policies to protect the OWNER, the ENGINEER, their consultants, agents, employees and such public corporations in whose jurisdiction the work is located for their contingent liability for work performed by the CONTRACTOR or the SUBCONTRACTOR(S) under this CONTRACT.
- e. Umbrella or Excess Liability

The OWNER or its representative may, for certain projects, require limits higher than those stated under "Limits of Liability" below. The CONTRACTOR is granted the option of arranging coverage under a single policy for the full limit required or by a combination of underlying policies with the balance provided by an Excess or Umbrella Liability policy equal to the total limit(s) requested. Umbrella or Excess policy wording shall be at least as broad as the primary or underlying policy(ies) and shall apply both to the CONTRACTOR'S general liability and to his/her automobile liability insurance.

2. Limits of Liability

The required limits of liability of insurance coverages required under "Insurance Required of the CONTRACTOR" above shall be not less than the following:

a. Worker's Compensation

Coverage A – Compensation	Statutory
Coverage B - Employer's Liability	\$ 100,000.00

b. Comprehensive General Liability

Bodily Injury – Each Occurrence	\$1,000,000.00
Bodily Injury - Aggregate (Completed Operations)	\$1,000,000.00
Property Damage - Each Occurrence	\$ 500,000.00
Property Damage – Aggregate or Combined Single Limit	\$ 500,000.00 \$1,000,000.00

c. Comprehensive Automobile Liability

Bodily Injury - Each Person	\$ 500,000.00
Bodily Injury - Each Occurrence	\$ 500,000.00
Property Damage – Aggregate or Combined Single Limit	\$ 500,000.00 \$1,000,000.00

d. OWNER's Protective

Bodily Injury - Each Occurrence	\$1,000,000.00
Property Damage - Each Occurrence	\$ 500,000.00
Property Damage – Aggregate or Combined Single Limit	\$1,000,000.00 \$1,500,000.00

e. Umbrella or Excess Liability \$2,000,000.00

f. Railroad Protective Liability (where applicable) Set by
Railroad(s)

3. Insurance - Other Requirements

a. NOTICE OF CANCELLATION OR INTENT NOT TO RENEW

Policies will be endorsed to provide that at least thirty (30) days written notice shall be given to the OWNER and to the ENGINEER of cancellation or of intent not to renew.

b. Evidence of coverage

Prior to commencement of the work, the CONTRACTOR shall furnish to the OWNER, Certificates of Insurance in force. The OWNER reserves the right to request complete copies of policies if deemed necessary to ascertain details of coverage not provided by the certificates. Such policy copies shall be "Originally Signed Copies," and so designated. The acceptance and filing by the ENGINEER and/or the OWNER of a Certificate or Certificates of Insurance disclosing coverage which does not meet the requirements of these specifications shall not constitute a waiver of those requirements by the OWNER nor operate to release the CONTRACTOR from his/her obligation to provide the required insurance coverage.

C. Qualification of Insurers

All insurance carried by the CONTRACTOR to meet these requirements shall be provided by insurance companies legally authorized to provide the respective coverages in the State of Illinois, and which are registered with the Illinois Department of Insurance for providing said coverages.

D. Subrogation Clause

The following subrogation clause shall appear in all policies of insurance, "Subrogation Clause - it is hereby stipulated that this insurance shall not be invalidated should the insured waive in writing prior to a loss any or all right of recovery against any part for loss occurring to the property described herein."

12.0 MANHOLE ENTRY REQUIREMENTS

Manholes within the Village of Rantoul are considered Confined Spaces, which means that they are to be considered to contain an atmosphere with an oxygen deficiency, combustible gases and/or toxic substances.

All confined space entry shall comply with the requirements of Sub-Part 29 CFR 1910.146 of the Occupational Safety and Health Administration of the U.S. Department of Labor (OSHA). The CONTRACTOR shall be fully aware of these requirements and is notified that it is his or her responsibility to comply fully with them.

There will be no extra payments for performing any work needed to comply with these requirements.

13.0 CORRESPONDENCE AND COMMUNICATION

The CONTRACTOR shall direct all project related questions and concerns in writing to the ENGINEER or their designee for the project.

14.0 PREVAILING WAGE RATE

The most up-to-date prevailing wages for Champaign County are included as a part of these documents. All CONTRACTORS and sub-CONTRACTORS are reminded that all workers employed on this project must be paid in accordance with these wages as updated periodically by the Illinois Department of Labor. Certified payroll submittals from the Contractor shall be required in conjunction with all pay requests. Those with questions are advised to contact the Illinois Department of Labor, Division of Conciliation and Mediation at (217) 782-6206 or contact the Department of Labor at the web site <http://www.state.il.us/agency/idol>

SPECIAL PROVISIONS

1.0) INTRODUCTION AND PROJECT DESCRIPTION

These specifications include the requirements for all design, materials, transportation, equipment and labor necessary to rehabilitate deteriorated sections of sewer indicated in the contract documents.

The contract consists of installing full-length cured-in-place liners between manholes of the Village sanitary sewers as indicated on the Plans and in accordance with the appropriate provisions given in these Specifications.

The normal operating hours of the Village of Rantoul Public Works Department are from 7:30 a.m. until 4:30 p.m. Monday through Friday. The CONTRACTOR shall build his operations around this schedule. If there are special conditions that require work to be performed during periods outside of the time frame mentioned, the CONTRACTOR shall bring that to the ENGINEER'S attention prior to bidding.

The CONTRACTOR shall give the ENGINEER a minimum of forty-eight (48) hours advance notice when work will be started or re-started on any phase of the project.

The Village of Rantoul has requirements regarding a CONTRACTOR'S use of their fire hydrants. The CONTRACTOR must contact the Public Works Department to notify of their use at the time thereof; remain in the vicinity of the hydrant; and notify The Village of Rantoul of completion of use.

Quantities indicated in this document are estimates and the CONTRACTOR is informed that there may be deviations from these when the project is completed. The deviations shall not be a reason for the CONTRACTOR to default on the work indicated herein and/or the amounts indicated in the Proposal for each pay item.

Reports of television inspection of the sewers designated for lining are attached to this document in Appendix A (not all lines have been previously televised). The television inspection report sheets are identified with the same label as the corresponding plan sheets. Both are contained in Appendix A.

Videos of the television inspections are available on the enclosed DVDs and are identified with the same label as the corresponding plan sheets contained in Appendix A.

2.0) APPROVED PRODUCTS AND INSTALLERS

Approved Products and Installers

1. Product – National Liner CIPP
Manufacturer – National Liner
Installer – Visu-Sewer
2. Product – Insituform CIPP
Manufacturer – Insituform Technologies
Installer - Insituform Technologies
3. Product – M Tube
Manufacturer – Mississippi Textile Corporation (MTC)
Installer – Walden Associated Technologies
4. Product – AquaCure
Manufacturer – Applied Felts
Installer – SAK Construction, LLC
5. Product – Premier Pipe
Manufacturer – Applied Felts
Installer – Michels Pipe Services
6. Product – CIPP Pipe
Manufacturer – CIPP Corporation
Installer – Hoerr Construction, Inc.
7. Product – Inliner CIPP
Manufacturer – Inliner Technologies
Installer – Kenny Construction Co.
8. Product – M Tube
Manufacturer – Mississippi Textile Corporation (MTC)
Installer – Utility Services Authority

In order to be considered acceptable, the product, manufacturer, and installer must each demonstrate, to the Village's satisfaction, compliance with the following requirements:

For a product to be considered acceptable, a minimum of 200,000 feet or 400 line sections of successful wastewater collection system installation in the U.S. must be documented to assure commercial liability. The product must also have been tested in accordance with ASTM D 2990.

For a manufacturer to be considered acceptable, that manufacturer must have provided continuously for at least five years, the materials for acceptable product (as defined in above). The manufacturer must be able to demonstrate sufficient in-house engineering support and manufacturing quality control.

For an installer to be considered as acceptable, the installer must satisfy all insurance, financial, and bonding requirements of the Village, and must have had at least 2 years active experience in the installation of the product. In addition, the installer must have successfully installed at least 100,000 feet of the product in wastewater collection system installations.

The installations must have had a combined total of 1,000 successful internally reinstated lateral connections.

The manufacturer and installer shall submit a written request for preapproval to the Engineer a minimum of 15 calendar days before the bid date. This request shall contain responses to the information required in this section. Upon receipt of this request, the Village will preapprove those manufacturers and installers that provide satisfactory proof of these qualification requirements.

The final decision to accept or reject the product/manufacturer/installer lies solely with the Village. The Village will notify all bidders of additional preapproved manufactures seven days prior to bid opening.

3.0) SEWER PLUGS AND BY-PASS PUMPING

Throughout the course of the project lining operations, the CONTRACTOR shall at all times maintain the depth of flow in the sewers to a maximum that will not disrupt the performance of said lining operations. If temporary plugs in a sewer can help, the CONTRACTOR will be allowed to use them, provided they are not in place long enough to cause back-ups into basements in the vicinity or cause other disruptions.

If the CONTRACTOR wishes to do so, they may by-pass the construction site by inserting a pump suction line in the upstream manhole and pumping the sewage through a discharge line that terminates in a downstream manhole. In no cases will sewage be allowed to flow to storm sewer manholes or other areas where it will not flow to the Rantoul Waste Water Treatment Plant for treatment.

Sewer plugs and by-pass pumping are incidental to the contract and no additional compensation is allowed for plug installation or by-pass pumping sewage around a lining location.

Any back-ups into any private or public facilities that cause damage will be the responsibility of the CONTRACTOR and all damage will be repaired to the satisfaction of the appropriate OWNER at the CONTRACTOR'S expense.

CONTRACTOR shall be responsible for notifying residents in advance of sewer lining. This cost for notifying the residents is considered incidental to the contract. ENGINEER shall approve notification plan and materials in advance of lining.

4.0) CUTTING PROTRUDING SERVICE CONNECTIONS

4.1) Description of Work

This item of work shall consist of all labor, materials, equipment and incidentals required to cut existing service line connections that extend into the main too far to allow proper installation of the liners. .

4.2) Construction Requirements

Prior to installation of the liner, the CONTRACTOR shall cut the protruding service connections back with a high speed diamond-bit cutter designed precisely for this work to where they only protrude ½” or less into the main, or to a dimension that is satisfactory to the liner manufacturer. Work is to be performed safely and properly to insure that the main is not damaged during the performance of this work. Any damage to the main or service connection incurred will be repaired by the CONTRACTOR to the satisfaction of the ENGINEER at no extra cost.

4.3) Basis of Payment

This work shall be paid for at the CONTRACT UNIT PRICE per each for CUTTING PROTRUDING SERVICE LINE CONNECTIONS and includes all items necessary to accomplish this work.

5.0) REINSTATING SERVICE LINE CONNECTIONS

5.1) Description of Work

This item of work shall consist of all labor, materials, equipment and incidentals required to reinstate live service line laterals blocked by the liner installation operation.

5.2) Construction Requirements

In some cases, it is not known whether the service line is live or not. ENGINEER will identify service lines to be abandoned and do not require reinstatement.

After the liner has been installed and sufficiently cured but no longer than 24 hours after asking property OWNERS to reduce water usage, the CONTRACTOR shall reinstate the appropriate service lines by cutting out the liner at the proper locations determined during the flushing test. This shall be performed without excavation and in the case of non-man entry pipes, from the interior by means of a television camera and a remote-control cutting device. Service line connections shall be reinstated to at least 90% of the original cross sectional area as it enters the sewer main.

The material cut out from the liner shall be removed from the line to minimize potential blockage.

The CONTRACTOR shall have suitable backup equipment or replacement parts on the project for the devices that reestablish the service connections so that any mechanical failures will have no impact on the CONTRACTOR'S ability to reinstate service line connections.

5.3) Basis of Payment

This work shall be paid for at the CONTRACT UNIT PRICE per each for REINSTATING SERVICE LINE CONNECTIONS and includes all items necessary to accomplish this work.

6.0) POINT REPAIRS

There are no locations in any of the sewers where point repairs are thought to be necessary prior to insertion of the liner. If, during TV examination or other portions of this project, conditions are found where this is thought to be required in order to perform the lining, point repairs shall be performed by others at the direction of the ENGINEER.

If this is necessary, the CONTRACTOR will be informed of the schedule for making the necessary point repairs in order to plan their schedule around this work. Once the schedule is established, the CONTRACTOR shall coordinate their work with the other parties performing the point repairs.

Article 104.03 and Article 108.08(a) of the Standard Specifications for Road and Bridge Construction by the IDOT, latest edition, shall apply for time extensions only if the ENGINEER deems the point repairs have impacted the progress of the work.

No additional compensation is allowed to the CONTRACTORS for coordinating the work.

7.0) PROJECT RECORDS

7.1) Description of Work

This item of work shall consist of all labor, materials, equipment and incidentals required to obtain, record and provide to the ENGINEER the project records of the lining work performed during the lining installation and as directed by the ENGINEER.

7.2) Construction Requirements

Complete written records shall be kept of lining work performed in each pipeline. The records shall identify the pipeline in which the lining was performed, the exact location of lining, the location of each service connection and whether or not it was reinstated or had to be cut for insertion of the camera and other appropriate information deemed necessary by the ENGINEER.

A full copy of this, as well as the TV videos and written reports discussed above shall be turned over to the ENGINEER at completion of the project. The TV videos shall clearly show each service connection that was reinstated during the project. If the ENGINEER determines that the service connection was not clearly shown, the CONTRACTOR shall be responsible for repeating the TV video procedure until a clear record is made of the service connection.

TV videos shall be in a MPEG-2 digital video format and shall be stored on CD or DVD discs.

7.3) Basis of Payment

This work is considered incidental and additional payment is not provided for this work.

8.0) TRAFFIC CONTROL

8.1) Description of Work

This item of work shall consist of all labor, materials, equipment and incidentals required to provide traffic control during lining operations and as directed by the ENGINEER.

8.2) Construction Requirements

The CONTRACTOR shall provide a traffic control plan when the construction activities are located within or adjacent to street or roadway areas. The Traffic Control Details, in Appendix B, contain the appropriate standards for urban lane closure traffic control for these projects. These details and standards are applicable to these projects. However, unforeseen or unknown circumstances may dictate the use of different standards that are not included in the Traffic Control Details. If such unforeseen circumstances arise, Section 700 of the Illinois Department of Transportation Highway Standards shall be utilized for additional traffic control standards.

8.3) Basis of Payment

TRAFFIC CONTROL is considered incidental to the contract and no additional compensation is allowed for providing traffic control on the project.

9.0) FULL-LENGTH LINER INSTALLATION

9.1) General Requirements

This item of work shall consist of all design, labor, materials, equipment and incidental required to rehabilitate certain sanitary sewers within the Village of Rantoul by inserting a full-length Cured-in-Place-Pipe (CIPP) liner at the locations presented in the plans and as detailed in these Special Provisions, and performing all related incidental work. The plans for the sanitary sewers designated for rehabilitation are presented in the Appendix A.

The project consists of lining 6-inch to 8-inch diameter sewers. The CONTRACTOR shall utilize CIPP liner by inversion or steam cured methods.

The sewers shall be lined with a resin impregnated flexible felt tube, which shall be inverted into the existing sewer line utilizing a vertical inversion standpipe and hydrostatic head (or an equivalent system approved by the ENGINEER). **Steam curing is an approved alternative to the traditional hydrostatic method.** When cured, the liner shall extend the full length of the pipe to be lined in a continuous tight fitting water-tight pipe within a pipe. There shall be no annular space between the liner and the pipe. This method shall meet all the requirements of ASTM F1216, latest edition. "The Standard Practice for Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of a Resin-Impregnated Tube."

The liner shall be constructed of materials which, when cured, will be chemically resistant to withstand internal exposure to domestic sewage. The cured-in-place pipe shall provide a smooth bore interior with a coefficient of friction of $n = .010$ or lower.

The liner shall be fabricated to a size that when installed will neatly fit the internal circumference of the conduit specified by the OWNER. Allowance shall be made for circumferential stretching during insertion.

The length of the liner shall be chosen by the CONTRACTOR to effectively span the distance from the inlet of the downstream manhole to the outlet of the upstream manhole of each reach of existing sewer to be lined. The CONTRACTOR shall verify the lengths and diameters of the existing sewers to be lined in the field before impregnation. Individual inversion runs can be made over one or more manhole sections as determined in the field by the CONTRACTOR with approval of the ENGINEER. The CONTRACTOR shall be responsible for removing the liner from within a manhole if they elect to invert the liner through an intermediate manhole. There will be no additional compensation for removing liner from a manhole.

9.2) Referenced Documents

10.2.1) General

This CONTRACT references ASTM F 1216, latest edition, which shall become a part of these documents. ASTM F 1216 shall govern the installation, material and methods of the CIPP lining if these specifications do not address a particular item. If a conflict exists between these specifications and ASTM F 1216, these specifications shall govern.

9.3) Materials

10.3.1) Tube

The tube shall consist of one or more layers of flexible needled felt or an equivalent non-woven or woven material or a combination non-woven and woven material meeting the requirements of ASTM F1216, Section 5.1.

10.3.2) Resin

To comply with the specifications, the CONTRACTOR shall furnish and install a general purpose, unsaturated, styrene-based, thermoset resin and catalyst system or epoxy resin and hardener specifically designed for lining sewers that provides minimum strengths as specified below.

Strength	Minimum Value	Applicable ASTM Test
	(psi.)	
Tensile Strength	3,000	D 638
Flexural Stress	4,500	D 790
Flexural Modulus	250,000	D 790

All other material properties of the resin system shall meet the requirements of ASTM F1216, Section 5.2.

9.4) Liner Wall Thickness

9.4.1) General

The thickness of the liner shall be selected by the CONTRACTOR with the best technology available at the time of the examination of the pipe. The CONTRACTOR shall select the liner thickness based on the information given in the Village’s television inspection reports for the sewers scheduled for lining, the strength requirements in Section 10.3.2, pipe conditions, hydrostatic pressures, depth of soil cover, types of soil and the information given in these Specifications. Appendix A contains the television inspection reports for the sewers scheduled for lining in this project. All documentation, material properties and calculations necessary for the selection of the liner thickness shall be presented along with the liner thickness for each section of sewer to the ENGINEER as part of the bid submission. The ENGINEER shall approve or deny the liner thickness for each section of sewer within five days of receipt of the documentation.

9.4.2) Minimum Thickness Requirements

The minimum thickness requirements shall be 0.236 inches thick

9.4.3) Water Table

In the absence of groundwater elevation data for a particular sewer, the CONTRACTOR shall assume the water table adjacent to these sewers on the project is equivalent to the rim elevation above the pipe. This shall be utilized for liner thickness calculations.

9.5) Installation Procedures And Details

9.5.1) General

The installation of the CIPP liner in the sewers on this project shall be in accordance with ASTM F 1216 and the following procedures outlined in this section. If a conflict exists between ASTM F 1216 and the following sections, the procedures outlined in this section shall govern the project. These procedures shall be adhered to unless otherwise approved by the ENGINEER.

9.5.2) Safety

The CONTRACTOR shall carry out his operations in strict accordance with all OSHA and the manufacturer's safety requirements. Particular attention is drawn to those safety requirements involving working with scaffolding and entering confined spaces as outlined in the General Conditions.

9.5.3) Cleaning of Sewer Lines and Line Obstructions

The cleaning of the sewer lines shall be in accordance with ASTM F 1216, Section 7.1.2 with the following additional requirements:

It shall be the responsibility of the CONTRACTOR to remove all internal debris from the sewer line in accordance with his price per foot for installation of the liner by making one to three passes with an appropriate up-to-date sewer cleaning machine and recommended tools for the size and type of pipe being lined. Internal debris consists of any material that obstructs the original pipeline and prevents the installation of the liner. Example of debris include solids, crushed or collapsed pipe, roots, grease and other miscellaneous materials. After three cleaning passes, should the line be found to be too littered with debris and/or roots to effectively install the liner, additional cleaning shall be performed as indicated in Section 9.0 of the Special Provisions.

Work involving the cutting of protruding service connections is covered in Section 4.0 of the Special Provisions.

9.5.4) Inspection of Pipelines

Inspection of pipelines shall be performed by experienced personnel trained in locating breaks, obstacles, service connections or other reductions in cross sectional area by closed circuit television. The interior of the pipeline shall be carefully inspected to determine the location of any conditions that may prevent proper installation of the liner into the pipelines. These conditions shall be noted so that they can be corrected before beginning installation of the liner. A video and suitable log of conditions prior to installation of the liner as well as after project completion shall be given to the OWNER for later reference. There will be no additional cost for performing this work.

9.5.5) Point Repair Line Obstructions

If a sewer pipeline obstruction cannot be removed by conventional sewer cleaning equipment as specified in Section 10.5.3 or Section 9.0 of the Special Provisions and the ENGINEER determines that the cross sectional area of the sewer to be lined is inadequate for the proper insertion of the liner then point repairs shall be performed as indicated in Section 6.0 of the Special Provisions.

9.5.6) Bypassing Flow

The CONTRACTOR, when needed, shall provide for flow around the section or sections of pipe designated for lining at no additional cost. The bypass shall be made by plugging the line at an existing upstream manhole and pumping the flow into a downstream manhole or adjacent system, if available. The pump and bypass lines shall be of adequate capavillage and size to handle the flow. Sanitary sewage may only be bypassed to other sanitary sewers. Section 3.0 of the Special Provisions shall apply for sewer plugs and by-pass pumping of sewage.

The CONTRACTOR shall coordinate this work with the ENGINEER in order to minimize the impacts to the parties utilizing the service laterals connected to the bypass flow sections.

9.5.7) Resin Impregnation

The CONTRACTOR shall perform the resin impregnation of the tube in accordance with ASTM F 1216, Section 7.2 with the following additional requirements:

The CONTRACTOR shall designate a location where the uncured resin in the original containers and unimpregnated tube will be vacuum impregnated prior to installation. The CONTRACTOR shall allow the ENGINEER to inspect the materials and “wet out” procedure. A resin and catalyst system compatible with the requirements of the Section 9.3.2 shall be utilized in this process.

Liner shall be fully wet-out in accordance with ASTM specifications. CONTRACTOR shall provide report to ENGINEER with required volume or mass of resin required for full wet-out and documentation of the resin used to wet-out the liner prior to installation.

9.5.8) Inversion

The “wet out” tube shall be inserted through an existing manhole or other approved access by means of an inversion process and the application of a hydrostatic head sufficient to fully extend it to the next designated manhole or approved access. The tube shall be inserted into the vertical inversion standpipe with the impermeable plastic membrane side out. At the lower end of the inversion standpipe, it shall be turned inside out and attached to the standpipe so that a leakproof seal is created. The inversion head shall be adjusted to provide sufficient height to cause the impregnated tube to invert from manhole to manhole and hold the tube tight to the pipe wall, produce dimples at side connections and flared ends at the manholes. Care shall be taken during the inversion so as not to over-stress the felt fiber.

The use of lubricant is recommended during the inversion procedure. The methods and materials used for lubrication shall be in accordance with ASTM F 1216, Section 7.5.

In certain cases the CONTRACTOR may elect to use a top inversion. In this method, the tube is pre-inverted to a distance that corresponds to the required inversion head and instead of attaching to an elbow at the base of the vertical inversion standpipe, it is attached to a top ring and the standpipe is formed from the tube itself.

Before inversion begins, the CONTRACTOR shall obtain from the manufacturer the minimum pressure required to hold the tube tight against the existing conduit and the maximum allowable pressure so as to not damage the tube. Once the inversion process begins, the CONTRACTOR shall maintain the pressure between the minimum and maximum pressure until the completion of the inversion process. If the pressure deviates beyond the limits of the minimum and maximum pressures, the CONTRACTOR shall remove the installed tube from the existing conduit. No extra payment is allowed for this work.

9.5.9) Curing

The CONTRACTOR shall perform the curing of the inverted tube in accordance with ASTM F 1216, Section 7.6 with the following additional requirements:

After the inversion is completed, the CONTRACTOR shall supply a suitable heat source and water recirculation equipment. The equipment shall be capable of delivering hot water throughout the section by means of a perforated pre-strung hose to uniformly raise the water temperature above the temperature required to effect a cure of the resin. This temperature shall be determined by the resin/catalyst system employed.

The heat source shall be fitted with suitable monitors to gauge the temperature of the incoming and outgoing water supply. Another such gauge shall be placed between the impregnated inner form and the pipe invert at the remote manhole to determine the temperatures during cure. Water temperature in the line during the cure period shall be as recommended by the resin manufacturer.

Initial cure shall be deemed to be completed when inspection of the exposed portions appear to be hard and sound and the remote temperature sensor indicates that the temperature is of a magnitude to realize an exotherm or cure in the resin. The cure period shall be of a duration recommended by the resin manufacturer, as modified for the process, during which time the recirculation of the water and cycling of the heat exchanger continues to maintain the temperature.

Steam curing is allowed and shall follow Section 7.6.2 and Section 7.6.3 of ASTM F1216.

9.5.10) Cool-Down

The CONTRACTOR shall cool the hardened liner to a temperature below 100°F before relieving the static head in the inversion standpipe. Cool-down may be accomplished by the introduction of cool water into the inversion standpipe to replace water being drained from a small hole made in the down-stream end. Care shall be taken in the release of the static head so that a vacuum will not be developed that could damage the newly installed liner.

If the CONTRACTOR elects to utilize a steam cure, the procedure presented in Section 7.7.2 of ASTM F 1216 shall be utilized to cool down the pipe liner.

9.5.11) Workmanship and Finish

The finished liner shall be continuous over the entire length of an inversion run and be as free as commercially practicable from visual defects such as foreign inclusions, dry spots, pinholes and delaminations.

The hardened liner shall also meet the leakage requirements and/or pressure tests specified in Section 10.6.

9.5.12) Sealing Gaps at Manholes

If due to broken or misaligned pipes at the manhole wall, the hardened liner fails to make a tight seal, the CONTRACTOR shall apply a seal at that point. The seal shall consist of a hand-placed resin mixture compatible with the inner liner. This is incidental to the contract and no extra payment is allowed for this work.

9.5.13) Service Connections

After the liner has been cured in place, but no longer than 24 hours after asking any property OWNER to reduce water usage, the CONTRACTOR shall reconnect the existing active service connections as presented in Section 4.0 of the Special Provisions. This shall be done without excavation, and in the case of non-man entry pipes, from the interior of the pipeline by means of a television camera and a cutting device that will reestablish them to not less than 90 percent of the original capavillage.

Payment shall be in accordance with Section 4.0 of these specifications.

9.6) Liner Sampling and Testing

Samples of the finished liner shall be obtained by the CONTRACTOR in accordance with ASTM F1216, Section 8 and as directed by the ENGINEER. The samples shall be submitted to the ENGINEER upon completion of the sampling procedures. The ENGINEER shall examine and perform testing on the samples to determine if the finished liner meets the requirements of these specifications.

Testing performed by the ENGINEER on the finished liner shall include flexural modulus tests, tensile strength tests, delamination tests and thickness tests. The testing methods utilized for this section shall be in accordance with ASTM F1216, Section 8.

The watertightness of the new liner shall be gauged while curing and under a positive head in accordance with Section 31-1.11 of the "Standard Specifications for Water and Sewer Main Construction in Illinois", fifth edition or using air pressure if steam curing is utilized.

After the work is completed, the CONTRACTOR shall provide the OWNER with a video-tape indicating the completed work including the restored conditions and reinstated service connections.

9.7) Clean-up

Upon acceptance of the installation work and testing, the CONTRACTOR shall reinstate the project area affected by his/her operation to the condition it was in prior to starting or better. This work is incidental to the contract and no extra payment is allowed for this work. Payment will not be made on a section of liner until completion of clean up operations as approved by the ENGINEER.

9.8) Warranty

The Installer shall provide a warranty that provides for replacement of defective work and/or materials for a period of one (1) year from the date of acceptance. Several times during the one-year period, the Village may inspect the interior of the lined sewer with television cameras for defects. If any defects are found, the Installer, His Successors, and Licensors will be notified of repairs to be made in accordance with said warranty.

9.9) Basis of Payment

This work shall be paid for at the CONTRACT UNIT PRICE per linear foot for FULL-LENGTH SEWER LINER (per diameter size) and includes all items necessary to accomplish this work.

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BID

OWNER, Village of Rantoul, Illinois

Proposal of _____
(Name and Address of Bidder)

for the completion of the 2015 Sewer Lining Project () which includes furnishing of all materials, equipment and labor necessary for performing all work for inserting a full-length liner in the sewers indicated in Appendix A, cutting off protruding service connections necessary to insert the liner, reinstating all live service connections, by-pass pumping, traffic control indicated by the ENGINEER and/or presented in the Detailed Specifications and performing all related incidental work.

This bid includes all labor, materials and equipment necessary for the proper execution and completion of said work, as shown in the details and as herein specified. It also includes all work not specifically included in the contract documents which is properly inferable and necessary for the completion of this project.

The specifications herein referred to are the STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS latest edition, the STANDARD SPECIFICATIONS herein referred to are the STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, adopted January 1, 2015 by the Illinois Department of Transportation and the project Special Provisions, which are a part of this document.

In submitting this BID, the undersigned declares that the only persons or parties interested in the proposal as principals are those named herein; and that the BID is made without collusion with any other person, firm, or corporation.

The undersigned affirmatively represents that (s)he is skilled and experienced in the use and interpretation of Drawings and Specifications such as those included in the CONTRACT DOCUMENTS. Further, (s)he also affirmatively represents that (s)he has carefully reviewed the Drawings and Specifications of this CONTRACT and that (s)he has based his/her BID solely on these Documents, not relying in any way on any explanation or interpretation, oral or written, from any other source.

Unless a undersigned shall give written notice to the ENGINEER of any ambiguities contained in the Drawings and Specifications prior to the submission of its BID, the undersigned agrees that it shall be conclusively presumed that the undersigned has exercised his/her aforementioned skill and experience and found the Drawings and Specifications sufficient and free from ambiguities, errors, or omissions for the purpose of determining its contract Bid Price for the performance of the Work in conformity with the Drawings and Specifications.

The undersigned further declares that (s)he has carefully examined the BID, Specifications, form of CONTRACT and CONTRACT BOND, Special Provisions, and Plans and that (s)he has inspected in detail the site of the proposed work, and that (s)he has familiarized himself/herself with all of the local conditions affecting the CONTRACT and the detailed requirements of construction, and understands that in making this BID he waives all right to plead any misunderstanding regarding the same.

The undersigned further agrees that (s)he will abide by the requirements of the Equal Employment Opportunity Ordinance which requirements and procedures are included in these BID documents.

The undersigned further understands and agrees that if this BID is accepted (s)he is to furnish and provide all necessary machinery, tools, apparatus and other means of construction, and to do all of the work, and to furnish all of the materials specified in the CONTRACT except such materials as are to be furnished by the OWNER, in the manner and at the time therein prescribed, and in accordance with the requirements therein set forth.

Bidder has examined and carefully studied the Bidding Documents, the other related data identified in the Bidding Documents, and the following Addenda, receipt of all which is hereby acknowledged.

Addendum No.	Addendum Date
_____	_____
_____	_____

The undersigned further agrees to execute a CONTRACT for this work and present it to the OWNER within fifteen (15) days after the date of Notice of Award.

The undersigned further agrees that (s)he and his/her surety will execute and present within fifteen (15) days after the date of Notice of Award, a CONTRACT Bond satisfactory to and in the form prescribed by the OWNER, in the penal sum of the full amount of the CONTRACT, guaranteeing the faithful performance of the work in accordance with the terms of the CONTRACT.

The undersigned further agrees to begin work not later than fifteen (15) days after receipt of the Notice to Proceed unless otherwise agreed, and to prosecute the work in such manner and with sufficient materials, equipment and labor as will insure its completion within the time limit specified herein, it being understood and agreed that the completion within the time limits is an essential part of the CONTRACT. The undersigned agrees to complete the portion of the work awarded to his/her firm within 90 days of the Notice to Proceed unless additional time is granted in accordance with the Specifications. In case of failure to complete the work within the time named herein or within such extra time as may have been allowed by extensions, the undersigned agrees that the OWNER shall withhold, from such sums as may be due him/her under the terms of this CONTRACT, the costs set forth in Section 108.09 of the STANDARD SPECIFICATIONS for Road and Bridge Construction by the IDOT, latest edition, which costs shall be considered and treated not as a penalty but as damages due the OWNER from the undersigned by reason of inconvenience to the public, added cost of Engineering and supervision and other items which have caused an expenditure of public funds resulting from the failure of the undersigned to complete the work within the time specified in the CONTRACT.

Accompanying this proposal is a bid bond complying with the requirements of the specifications, made payable to the Village of Rantoul, Illinois. The amount of the check, draft or Bid Bond is 5% of the Bid. If this proposal is accepted and the undersigned shall fail to execute a CONTRACT and CONTRACT Bond as required herein it is hereby agreed that the amount of the check or draft or bidder's bond substituted in lieu thereof, shall become the property of the OWNER, and shall be considered as payment of damages due to delay and other causes suffered by the OWNER because of the failure to execute said CONTRACT and CONTRACT Bond: otherwise said check or draft, or bid bond substituted in lieu thereof shall be returned to the undersigned.

-ATTACH BID BOND HERE-

In the event that one check or draft is intended to cover two or more proposals, the amount must be equal to the sum of the proposal guarantees of the individual section covered.

The undersigned firm certifies that it is not barred from bidding on this contract as a result of a conviction for the violation of Chapter 38, Section 33-E and 33-E4 of Illinois Revised Statutes prohibiting bid-rigging or bid-rotating.

The undersigned certifies that pursuant to Chapter 24, Section 11-42.1-1 of the Illinois Revised Statutes, the bidder is not delinquent in the payment of any tax administered by the Illinois Department of Revenue.

The undersigned firm certifies that it is in compliance with the Drug Free Workplace Act of the State of Illinois (ILCS 580/1).

It is expressly understood that the foregoing statement, representations and promises are made as a condition to the right of the BIDDER to receive payment under any award made in accordance with these Specifications.

All materials provided for this project are exempt from sales tax. The Village of Rantoul will provide its tax-exempt number to the successful bidder. All bids shall include all other applicable taxes and fees.

The Village of Rantoul will waive its permit fees applicable to this project.

The undersigned declares that (s)he understands that the quantities mentioned are approximate only and that they are subject to increase or decrease; that (s)he will take full payment therefore the amount and the summation of the actual quantities, as finally determined, multiplied by the unit prices shown in the schedule of prices contained herein.

The undersigned further agrees that the unit prices submitted herewith are for the purpose of obtaining a gross sum and for use in computing the value of extras and deductions; that if there is a discrepancy between the gross sum bid and that resulting from the summation of the quantities multiplied by their respective unit prices the latter shall apply.

The undersigned further agrees that if the OWNER decides to extend or shorten the improvement, add additional work with the limits of the Village of Rantoul, or otherwise alter it by extras or deductions, including the elimination of any one or more of the items, as provided in the specifications, (s)he will perform the work as altered, increased or decreased at the contract unit prices.

The undersigned submits herewith his/her schedule of prices covering the work to be performed under this CONTRACT; (s)he must show in the schedule the unit prices for which (s)he proposes to perform each item of work, that the extensions must be made by him/her, and that if not so done his/her Proposal may be rejected as irregular.

(if an individual) **Signature of Bidder** _____ **(seal)**

Business Address _____

(if a co-partnership) **Firm Name** _____

Signed by _____

Business Address _____

(Insert names and addresses of all Members of the Firm) _____

(if a Corporation) **Corporate name** _____

(Corporate Seal) **Signed by** _____

Business Address _____

(Insert Names of Officers) **President** _____

Secretary _____

Treasurer _____

ATTEST: _____

Champaign County Prevailing Wage

VILLAGE OF RANTOUL
CONTRACT

1. THIS AGREEMENT, made and concluded the ____ day of _____ 2015, between the Village of Rantoul (OWNER) acting by and through its Council known as the party of the first part, and _____, his/her/their executors, administrators, successors or assigns, known as the part of the second part.

2. WITNESSETH: That for and in consideration of the payments and agreements mentioned in the BID hereto attached, to be made and performed by the party of the first part, and according to the terms expressed in the Bond referring to these presents, the party of the second part agrees with said party of the first part at his/her/their own proper cost and expense to do all the work, furnish all materials and all labor necessary to complete the work in accordance with the Plans and Specifications hereinafter described, and in full compliance with all of the terms of this agreement and the requirements of the ENGINEER under it.

3. And it is also understood and agreed that the Notice to Contractors, Special Provisions, CONTRACT Bond hereto attached, and the Plans for the 2015 Sewer Lining Project in Rantoul, Illinois, approved by the Director of Public Works on November 6, 2015, are all essential documents of this contract and a part hereof.

4. IN WITNESS WHEREOF, the said parties have executed these presents on the date above mentioned.

Attest: _____ Michael Graham (Seal) Attest: _____ Secretary	Village Clerk	The Village of Rantoul By _____ Neal Williams (if a Corporation) Corporate Name _____ By _____ President (if a Co-Partnership) _____ _____ _____ Partners doing Business under the firm name of _____ Party of the Second Part (if an Individual) _____
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(If PRINCIPAL is a joint venture of two or more contractors, the company names, seals and authorized signatures of each contractor must be affixed.)

SURETY

(Name of Surety) By: _____
(Signature of Attorney-in-Fact)

STATE OF ILLINOIS,

COUNTY OF _____

I, _____, a Notary Public in and for said county, do hereby certify

That _____
(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL AND SURETY, appeared before me this day in person and acknowledged respectively, that they signed, sealed, and delivered said instrument as their free and voluntary act for the uses and purposes therein set forth

Given under my hand and notarial seal this ____ day of _____ 2015 A.D.

My commission expires _____

Notary Public

APPENDIX A

**PLANS & TELEVISION INSPECTION REPORTS
FOR
“2015 SEWER LINING PROJECT”**

**VILLAGE
OF
RANTOUL, ILLINOIS**

APPENDIX B

**TRAFFIC CONTROL STANDARDS
FOR
“2015 SEWER LINING PROJECT”**

**VILLAGE
OF
RANTOUL, ILLINOIS**