

VILLAGE OF HOMEWOOD
Invitation to Bid – Bid 25-03PW Sanitary Sewer Lining Project

APPLICABILITY:

All items contained in the instructions to bidders are applicable to this Invitation to Bid.

QUESTIONS CONCERNING BID:

Contact person: Eric Fritz, Utility Supervisor

Phone: (708) 206-2910

Monday through Friday: 7:00 a.m. through 3:00 p.m.

WITHDRAWING OF BIDS:

No bids may be withdrawn for at least (30) days after closing time for receipt of bids.

CLOSING TIME:

Bids must be sealed in an envelope labeled as a sealed bid for Bid 25-03PW either hand delivered or mailed to the attention of the Director of Public Works, Village of Homewood, 17755 Ashland Avenue, Homewood, Illinois, 60430, no later than October 21, 2025 at 10:00 am. **Late or Phone or Fax or Emailed bids will not be accepted.**

BID OPENING:

All bids will be opened at the Homewood Public Works Department, 17755 Ashland Avenue, Homewood, IL, on October 21, 2025 at 10:00 am.

BID AWARD:

The bid will be awarded within 30 days to the lowest responsible bidder who meets the specifications outlined by the Village of Homewood. No partial bids will be accepted.

BID SECURITY

All bidders shall submit a bid bond, certified check, bank draft or a cashier's check in an amount equal to five (5) percent of the total bid, payable to the Village of Homewood, as a guarantee that the successful bidder will supply material and services as specified.

The bid security of the successful bidder will be retained until such bidder has executed the Contract, whereupon it will be returned. If the successful bidder fails to execute the Contract within 15 days of the Notice of Award, the Village may annul the Notice of Award and the bid security of that bidder will be forfeited. The bid security of any bidder whom the Village believes to have a reasonable chance of receiving the award may be retained by the Village until the earlier of the seventh (7th) day after the effective date of the Contract or the sixty-first (61st) day after the bid opening. Bid security of other bidders will be returned within seven (7) days of bid opening.

PERFORMANCE BOND:

FORM OF BOND

Contract Bonds shall be a standard, preprinted form of Surety, and shall contain the Contract bonds securely fastened to the rear cover of the Contract at the time of execution of the Contract by the Contractor.

PROVISIONS OF THE BOND

PERFORMANCE BOND shall serve as security for payment of CONTRACT AMOUNT and shall be in a penal sum of 100 % OF THE CONTRACT AMOUNT. Such bond shall be in a form acceptable to the Village and shall terminate upon the completion and acceptance of the work.

SURETY / POWER OF AUTHORITY

The surety must be licensed to do business in the State of Illinois and must be acceptable to the Village. The Contractor shall file with the Village, certification that the insurance/bonding agencies have current power to bond. The Power of Authority shall be in the form of a copy of the local agencies current contract with the insurance/bonding company indicating the local agency is under current contract to issue bonds, etc.

RIGHT TO REJECT BIDS:

The Village reserves the right to reject any or all bids. Unless otherwise specified, the Village reserves the right to accept any item in the bid. In case of error in extending the total amount of the bid, the unit prices will govern.

DEFAULT:

In case of default by the vendor the Village of Homewood shall hold such vendor responsible for any excess cost caused by the vendor. The Village of Homewood may procure the articles or services from other sources and may deduct from the unpaid balance due to the vendor, and the prices paid by the Village of Homewood shall be considered the prevailing market price at the time such purchase is made. The "Default" provision stated herein shall not preclude the use of the Performance Bond Section stated herein.

PRICE:

All prices must be submitted on the enclosed bid proposal form. The proposal must be signed by an authorized officer or individual of the company submitting the bid.

TERM:

The term of this contract shall be from date of award through April 30, 2026.

WORK COMPLETION DATE:

All work must be completed by April 15, 2026.

SPECIAL PROVISIONS

The following Special Provisions supplement the "Standard Specifications for Water and Sewer Main Construction in Illinois," the "IDOT Standard Specifications for Road and Bridge Construction", and the Village of Homewood Standard Specifications for the Design and Construction of Public Improvements which govern the construction of this improvement. In case of conflict with either of the Standard Specifications documents, these Special Provisions shall take precedence and govern, but they shall not operate to annul those portions of the specifications with which they are not in conflict.

1. SANITARY SEWER REHABILITATION WITH LINER

The existing sanitary sewer section described herein shall be rehabilitated through the installation of a continuous, tight-fitting watertight pipe-within-a-pipe over the entire length of the sewer section by utilizing the cured-in-place process.

The finished liner shall be fabricated from materials that will be chemically resistant to withstand internal exposure to domestic, commercial and industrial sewage. All materials shall be in accordance with the specifications of the appropriate manufacturer.

The Contractor shall determine the appropriate length, size and thickness of the liner and the Contractor shall include such information with his bid. All such determinations shall be made in accordance with the specifications of the manufacturer.

The Contractor shall install the liner in accordance with the specifications of the manufacturer.

2. MATERIALS

RESIN IMPREGNATED FABRIC SYSTEMS

The manufacturer of the fabric and resins shall certify that the materials are suitable for general sanitary sewer use and shall comply with ASTM F1743. The manufacturer shall supply material specifications and shall sample and test each batch of material incorporated into the project according to the test specifications for the material supplied. Test results and certification of material shall be supplied.

3. LINER DIMENSIONS/PROPERTIES/CALCULATIONS

The minimum inside diameter of the sewer liner shall be such that the flow capacity of the existing pipe is not reduced. The outside diameter of the liner shall be as close as practical to the inside diameter of the existing pipe, and there shall be no annular space between the pipe and liner in the completed pipe/liner system.

The structural calculations shall take into account the depth, loading condition, and existing pipe condition at each location and shall not allow greater than 5% initial deflection. The Contractor shall specify the dimensions, of the liner to be supplied and shall supply calculations showing that the proposed liner meets structural and flow requirements. The Contractor shall also supply information on the chemical resistance of the liner material.

4. **JOINTS**

A lining system, which is continuous from manhole to manhole, is required. No joints shall be made between manholes. The joint of the liner to the existing manholes shall be watertight. The method of construction of the manhole joints shall be approved by the Engineer.

Insertion runs may be made over more than one manhole section only with prior written approval of the Engineer. The finished liner shall be continuous over the entire length of the sanitary sewer and shall be as free as commercially practicable from visual defects such as foreign inclusions, dry spots, pinholes, and delaminations.

5. **CLEANING AND REMOVAL OF OBSTRUCTIONS**

The Contractor shall provide all equipment, labor, and materials necessary for cleaning of the sewer and the removal of obstructions from the sewer, prior to the liner installation; so that the sewer is suitable for lining. All grease, mineral deposits, roots, and other debris shall be removed and disposed of by the Contractor in a lawful manner.

Protruding service connections or other obstructions shall be removed by the Contractor before lining the sewer. Sewer cleaning and removal of obstructions shall be completed to the satisfaction of the Engineer prior to the start of sewer lining work. This work shall be incidental to the contract unit price for **LINE EXISTING SANITARY SEWER**.

The interior surfaces of the existing walls and inverts of the manholes shall be cleaned by high pressure water blasting, and all loose debris and/or cleaning media shall be removed from the manhole upon completion of cleaning. No debris shall be allowed to enter the sanitary sewer line as a result of the manhole cleaning process. This work shall be incidental to the contract unit price for **LINE EXISTING SANITARY SEWER**.

6. **EXCAVATION**

Except for point repairs necessary to repair collapsed pipe or pipe offsets in order to accomplish the lining process; any excavation, sheeting, shoring, removal of manholes, or removal of pipe necessary to perform the lining process shall be noted as a deviation from the specifications. If the Contractor determines that excavation or specialized equipment is required to remove any obstructions, the cost of such work shall be considered incidental to all contract pay items.

7. **POINT REPAIRS**

The Engineer shall determine if any repairs are necessary. The Village may elect to perform the repair using its own forces or have the Contractor perform the point repairs at a negotiated price. No extra work shall be done and no payment for extra work will be considered without written authorization from the Engineer. Extra payment for delay to the Contractor shall not be made on the basis of a determination by the Contractor, after the award of the Contract, that the Contractor's proposed process for the sewer rehabilitation work contemplated under this Contract is unsuitable for a portion or all of the work proposed under this Contract.

8. **EQUIPMENT LODGED IN SEWERS**

The Contractor shall be responsible, without any additional cost to the Village, for the removal of any equipment that becomes lodged in the sewer in the course of the project. Any restoration or repair necessary as a result of such removal work shall be done by the Contractor at his own expense and no additional compensation shall be made.

9. **BYPASS PUMPING**

All sewer main plugging, bypass pumping, bailing, and other work necessary to maintain sewer flow while keeping the work area dry during the sewer main and manhole lining process shall be performed by the Contractor. The Contractor shall be liable for any damages due to insufficient pumping capacity or pumping equipment breakdowns. The Contractor shall notify the individual residents within the construction area of temporary shut-off of sewage flows in writing at least **24 hours** prior to the shut off of sewage flow. In no case shall any existing service line be out of operation for more than 12 consecutive hours as a result of the Contractor's operations. This work shall be incidental to the contract unit price for **LINE EXISTING SANITARY SEWER**.

10. **SEWER LINER CONSTRUCTION**

The sewer liner shall be placed according to manufacturer's specifications and shall result in a watertight liner, which is continuous from manhole to manhole. The outside diameter of the sewer liner shall be as close as practical to the inside diameter of the existing pipe and the resulting pipe/liner system shall have no annular space between the pipe and liner. For cured-in-place sewer liners, curing may be accomplished by hot air, steam or hot water. The inlet and outlet temperature of the curing fluid shall be recorded at regular intervals during the curing process.

Connections between the sewer liner and the manhole linings at the pipe ends shall be made in such a way that water cannot enter between the existing manhole walls and the liner at the connection. The details for these connections shall be approved by the Engineer prior to the start of work. This work will be paid for at the contract unit price per linear foot for **LINE EXISTING SANITARY SEWER** for the diameter specified which price shall include all labor, materials, equipment and supervision required to complete the work.

11. **SERVICE CONNECTIONS**

After the liner installation, curing, and testing is complete, all active service connections, as designated by the Engineer, shall be reestablished from the inside of the pipe by cutting with a remote controlled cutting device. The reestablished service connections shall have at least 90% of the capacity of the existing connection. This work will be paid for at the contract unit price each for **REESTABLISH EXISTING SERVICE CONNECTION** which price shall be payment in full for all labor, materials, equipment and supervision required to complete the work. If the Contractor determines that excavation is required to reconnect any service connection, the cost of such excavation shall be considered incidental to the contract unit price for each **REESTABLISH EXISTING SERVICE CONNECTION**.

12. **SEWER LINING INSPECTION**

Two copies of a flash drive/DVD of the completed lining shall be supplied to the Engineer. This work shall be incidental to the contract unit price for **LINE EXISTING SANITARY SEWER**. Two copies of the completed flash drive/DVD of each liner, upon completion, will be supplied to the Village of Homewood for review. Final payment will be made after complete review of the video by Department of Public Works Staff.

13. **RESTORATION**

Any lawn area, sidewalk, or pavement disturbed or damaged by the contractor shall be restored to its original condition. Lawn areas disturbed shall be restored with 4 inches of topsoil and sod.

Sidewalks shall be restored to original dimensions except that sidewalk thickness shall be 5 inches and shall increase to 8 inches at driveway crossings.

Concrete shall be IDOT Class SI Bag Mix. Pavement and/or driveway restoration shall be done with materials in such thicknesses to match existing materials and thicknesses. Any required aggregate, concrete, and bituminous mixtures shall meet IDOT specifications.

Any restoration required shall be done by the Contractor at his sole expense and no additional compensation shall be made for any such restoration.

14. **TRAFFIC CONTROL**

The Contractor shall provide all necessary traffic control during construction. Traffic control shall conform to all applicable IDOT standards and specifications. The Contractor shall be responsible for maintaining the existing roads within the limits of this improvement in a condition which will allow vehicular traffic movements at all times during construction operations and when construction is not in progress until the project is complete and accepted. The cost of traffic control shall be considered to be incidental to each contract pay item

15. **ADJUSTMENTS TO MEET FINAL GRADE**

Any required final adjustment of the frames for manholes or structures to meet final grading conditions shall be incidental to all contract pay items.

16. **STRUCTURE PROTECTION**

Temporary support, adequate protection and maintenance of all underground and surface structures, drains, sewers and other obstructions encountered in the progress of the work shall be furnished by the Contractor at his expense and under the direction of the Engineer. Any structures, which are disturbed by the work, shall be restored upon completion of the work.

17. **METHOD OF MEASUREMENT**

Quantities for payment sewer lining will be measured from center of manhole to center of manhole. Service connection re-establishments shall be measured at each service re-established.

18. **SCOPE OF WORK**

The Village reserves the right to add to or to delete from the quantities included in the proposal section of this Contract with no change allowed to the Contractor to the unit prices of the Contract should any such quantity adjustment occur.

19. **COMPLETION OF WORK**

All work contemplated under this contract; including any required restoration work shall be completed not later than April 15, 2026. Liquidated damages of \$750.00 per calendar day will be assessed for each and every calendar day that the project is not completed beyond April 15, 2026.

Village of Homewood Bid Proposal 2025 Sewer Lining Project

Bid#: 25-03PW

All bid proposals are conditioned upon the bid instructions and specifications attached to this bid proposal form. All bid proposals must be sealed and must be either hand delivered or mailed to the office of the Director of Public Works, Village of Homewood, 17755 S. Ashland Avenue, Homewood, IL 60430 no later than **10:00 a.m. on October 21, 2025**. No late, phone, fax or emailed bids will be accepted.

Proposal:

In accordance with the specifications attached to this proposal: we propose to furnish all labor, material, and equipment necessary to line existing sanitary sewers at the locations stated in the Locations list and shown in Appendix A attached, at the contract unit prices shown below. We propose to utilize the cast-in-place process with material with an outside pipe diameter of 8" and 10" and a liner wall thickness of 6 mm or appropriate thickness determined by contractor. (Attach appropriate calculations and specifications).

Item	Quantity	Unit	Unit Price	Total Price
Line Existing Sanitary Sewer 8" Diameter Main	5,880	L.F.	\$_____	\$_____
Line Existing Sanitary Sewer 10" Diameter Main	810	L.F.	\$_____	\$_____
Line Existing Sanitary Sewer 12" Diameter Main	1,200	L.F.	\$_____	\$_____
Reestablish Existing Service Connection	181	EA	\$_____	\$_____
Total				\$_____

Note: Any deviations from the specifications shall be noted on the space provided below.

Company: _____

Address: _____

Phone: _____

Authorized signature: _____

Name & Title (print): _____

Date: _____

Scope of Work/Pricing

The intent of this specification is that the locations presented herein shall be considered to be the actual work locations under this Contract. No deviations from the unit prices bid herein shall be allowed for the locations stated below except by permission granted by the Village Engineer.

Locations List

The job locations below are located as indicated on the location maps included herein. Initial work quantities and locations are:

<i>Section</i>	<i>Size "</i>	<i>Manhole #</i>	<i>to</i>	<i>Manhole #</i>	<i>Linear Feet</i>	<i>Services</i>
Western Avenue	8	18-60-8		18-61-8	320	4
Western Avenue	8	18-61-8		18-62-8	180	4
Western Avenue	8	18-62-8		18-65-8	130	0
Western Avenue	8	18-65-8		18-66-8	380	1
Dundee Avenue	8	18-59-8		18-58-8	700	19
Dundee Avenue	8	18-58-10		18-57-10	750	20
Dundee Avenue	8	18-57-10		18-55-8	600	19
Dundee Alley	8	18-55-8		18-68-8	200	3
Perth Avenue	8	18-50-8		18-53-10	300	13
Perth Avenue	8	18-53-10		18-54-10	750	22
Perth Avenue	8	18-54-10		18-56-8	320	16
Stewart Avenue	8	18-45-8		18-46-8	130	5
Stewart Avenue	8	18-46-8		18-47-12	260	5
Stewart Avenue	12	18-47-12		18-48-15	750	20
Heather Road	8	18-16-8		18-17-8	130	3
Heather Road	8	18-17-8		18-18-8	200	2
Heather Road	8	18-19-8		18-20-8	120	2
Heather Road	8	18-7-8		18-6-8	140	2
Heather Road	8	18-8-8		18-19-8	160	1
Argyle Avenue	10	18-38-10		18-39-10	460	16
Argyle Avenue	10	18-39-10		18-40-12	350	8
Argyle Avenue	12	18-41-12		18-42-12	220	6
Argyle Avenue	12	18-42-12		18-43-12	220	2

Manhole Numbering

Manhole numbering is for contractor convenience. The aforementioned addresses are approximate only. Actual manholes locations must be verified in the field. All service connection counts are approximate. The Contractor shall determine all final dimensions and service locations in the field prior to the start of construction.