

**Various Sanitary Sewer Lining
Plano, IL**

CONTRACTOR'S BID DATE: Monday May 6, 2024 at 2:00 p.m.

PLACE FOR CONTRACTORS
TO SUBMIT BIDS: City of Plano – City Hall
17 E. Main Street
Plano, Illinois, 60545
Phone 630-552-8275

ADDENDUM NO.1

May 1st, 2024

TO ALL PLANHOLDERS:

To clarify information, it is necessary to provide the following Bid Addendum No.1 for the above referenced project. Bid Addendum No.1 consists of revised specifications, forms, and plan sheets.

Prospective Bidders must consider the Bid Addendum No.1 when preparing their bidding proposal. The signed copy of Bid Addendum No.1 must be included with the submitted Bid Proposal. Failure to incorporate all relevant addenda may cause the bid to be declared unacceptable.

The contract documents for the above referenced project are hereby amended as set forth below. The information contained within this Addendum No. 1 shall be treated as if it was originally contained within the contract documents.

Summary of Changes are below:

Questions, Clarifications, and Interpretations:

In no particular order and drafted based from emails received by Darrin Boyer and David Schultz are the following:

Question 1: There is a lateral lining info in the specs but nothing in the plans or on the bid form. Can you please confirm no lateral lining is expected to be done on this project?

Response:
a. That is correct, there is no lateral lining (services) for this project and only sanitary sewer mainline pipe segments. Please ignore any specs related to lateral lining.
b. Please follow ASTM 1216 guidelines as well (Not pulled in place ASTM 1743)

Question 2: Can you provide a link to download the existing CCTV videos of the line segments? It is helpful to review those in addition to included tv reports when putting together pricing.

Response:
a. Yes we will provide a link to download the videos that are available from the City.
b. A folder has been created and would need to respond via email for link (example below) to christine.borgerding@hrgreen.com or dschultz@hrgreen.com
c. Please find link below to folder of the available City's video's which can be downloaded:

[Sanitary-Sewer-Lining-2024](#)

Miscellaneous Statements and Additional Information:

N/A – Not Included.

Project Manual:

The following sections of the PROJECT MANUAL are hereby revised as follows:

1. Cover
2. Page 13 of 65 under cured in place pipe liner technical specifications (Page 14 of PDF)
3. Page 14 of 65 under cured in place pipe liner technical specifications (Page 15 of PDF)

Specification and Forms

N/A – Not Included.

Drawings/Plans:

N/A – Not Included.

ATTACHMENTS:

This Addendum includes the following attached Documents:

- ATTACHMENT 1 – PLAN HOLDERS LIST
- ATTACHMENT 2 – REVISED NOTICE TO BIDDERS
- ATTACHMENT 3 – REVISED SCHEDULE OF PRICES (BLR 12201)
- ATTACHMENT 4 – REVISED SPECIAL PROVISIONS
- ATTACHMENT 5 – REVISED DRAWINGS
- ATTACHMENT 6 – BIDDERS ACKNOWLEDGEMENT OF RECEIPT

**ATTACHMENT 1
PLAN HOLDER'S LIST
(AS OF 05/01/2024)**



**Plans will be provided via Email.
 Request information at 815.759.8361
 or email request to
christine.borgerding@hrgreen.com**

HR Green, Inc.
 2363 Sequoia Drive
 Aurora IL, 60506
 630-553-7560

PLANHOLDER LIST

Project Name: Plano, IL – Various Sanitary Sewer Lining
Letting Date/Time: 4/19/2024 at 10:00 AM
Location: City Hall, 17 E. Main Street Plano, IL 60545

HR Green Job No.: 2202529.07
Plan Deposit: NO
Prequalification? N/A

Contractor	Email/Contact	Phone	Date Emailed	Pre-Qual Provided	Addendum No. 1
ConstructConnect (Publication)	Pamela Brown	513-548-8578	4/19		
Insituform Technologies, LLC 3014 US Hwy 301 N Suite 700 Tampa, FL 33619	Wesley Baker wbaker@aegion.com	815-258-6630	4/19		
Visu-Sewer LLC W230 N4855 Betker Dr. Pewaukee, WI 53072	JoAnne Dellemann visu-info@visu-sewer.com	262-695-2340	4/22		
Andrew Siegel Communications	Andrew Siegel asiegel@impreg.com	804-303-4507	4/22		
ePlan (Publication)	Josh Couch eplan@eplanbidding.cpm	573-447-7130	4/24		

**ATTACHMENT 2
REVISED NOTICE TO BIDDERS
(N/A - NOT INCLUDED AS PART OF THIS ADDENDUM)**

**ATTACHMENT 3
REVISED SCHEDULE OF PRICES
(BLR 12201)
(N/A - NOT INCLUDED AS PART OF THIS ADDENDUM)**

**ATTACHMENT 4
REVISED SPECIAL PROVISIONS
(AS OF 05/01/2024)**



INVITATION TO BID

**Project Name: City of Plano - Various Sanitary Sewer Lining
Contract 2024-02 (HRG No. 2202529.07)**

**Location: Various Local Streets and Side Yard Area,
City of Plano Illinois**

Bid Issue Date: Friday, April 19th, 2024
Addendum No. 1: Wednesday, May 1, 2024

City of Plano
17 E. Main Street
Plano, IL 60545
Ph: 630.552.8275

This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of the City of Plano and is not to be used, in whole or in part, for any other project without the written authorization of the City of Plano.

CURED-IN-PLACE PIPE LINER TECHNICAL SPECIFICATIONS

A. General

1. Scope:

- a. CONTRACTOR shall repair defective sewer segments without excavation using cured-in- place pipe (CIPP) as specified herein and where shown on the Plans.
- b. ASTM 1216 Guidelines to be followed (Inversion and Curing of a Resin-Impregnated Tube) for the project. The reconstruction will be accomplished using CIPP which shall consist of a resin- impregnated flexible tube that is inverted into an existing sewer pipe through existing manholes and expanded to fit tightly against the existing pipe by the use of water or air pressure. The resin is cured by circulating hot water or by introducing controlled steam within the tube. When the thermosetting resin cures, the finish pipe will be continuous and tight fitting, and the total wall thickness shall be a homogeneous and monolithic felt and resin composite matrix that is chemically resistant to withstand internal exposure to domestic sewage and storm water. Once the tube/resin composite is cured, the inversion bladder and the carrying device are removed.
- c. CIPP pulled into place according to ASTM 1743 will not be allowed for this project.

B. Materials:

1. Flexible Liner Material

The tube will consist of one or more layers of flexible needled felt or an equivalent non-woven material. The tube will be continuous in length and the wall thickness shall be uniform. No overlapping sections shall be allowed in the circumference or the length of the liner. The tube will be capable of conforming to offset joints, bells, and disfigured pipe sections. The tube shall have sufficient strength to bridge missing pipe and stretch to fit irregular pipe sections. The wall color of the interior pipe surface of the CIPP after installation shall be a relatively light color so that a clear and detailed examination with closed circuit television inspection equipment can be made. The resin will be polyester or vinyl ester with proper catalysts as designed for the specific application. Each installation shall have a design report documenting the design criteria for a fully deteriorated pipe section, relative to the hydrostatic pressure, depth of soil cover, and type of soil.

All lining products, installation and testing of CIPP shall be in accordance with the specification reference standards from the American Society for Testing and Materials (ASTM) including: ASTM F1216-93, ASTM D638, ASTM D543, ASTM D790, and ASTM D5813.

The composite of the materials above shall upon installation inside the host pipe, exceed the minimum test standards applicable including ASTM D-790 of 4,500 psi for flexible strength, ASTM D-638 of 3,000 psi for tensile strength and ASTM D-790 of 250,000 psi for modules of elasticity. The CONTRACTOR shall submit to the ENGINEER for review prior to installation,

the Manufacturer's product literature and certification, application and installation requirements for materials used in liner. The submittal shall include the liner pipe thickness to be used in this application with supporting design thickness calculations. The design shall assume fully deteriorated pipe conditions.

2. Acceptable Liner Products

The following CIPP Liners are acceptable products: Insituform, Natural Liner, CIPP Corporations or approved equal.

3. CIPP Lining Thickness Design Criteria

- a. Diameter - varies (see plans)
- b. Depth - varies (see plans)
- c. Ovality = 5%
- d. Ground Water Depth = assume half of soil cover
- e. Soil density = assume 120 lbs/c.f.
- f. Soil Modulus = assume 1000 psi
- g. Loading = assume highway loading
- h. Safety factor = 2.0

C. Execution

1. General

Installation shall be in accordance with standard practice for rehabilitation of existing pipelines and conduits by the inversion and curing of a resin - impregnated tube ASTM F1216-93 and AWWA C-950.

2. Preliminary Cleaning and Inspection

Prior to any lining of designated storm sewer line segments, the BIDDER/CONTRACTOR shall remove internal deposits as necessary to assure proper liner installation. The cleaning shall be performed in accordance with the specifications for SEWER CLEANING, STANDARD GRADE. Television inspection shall be performed to verify extent of damage, required length of lining and location of service connections. The entire length of the sewer between the two manholes shall be televised regardless of the size of the repair or lining. Televising shall be performed in accordance with the specifications for TELEVISED INSPECTION. Video tapes and a suitable log shall be provided by the CONTRACTOR which shall document, to the satisfaction of the ENGINEER, the condition of the sewer line segment both immediately before and after lining has been installed. The Recordable Digital Versatile Discs (DVD-R) and log shall become the property of the CITY.

**ATTACHMENT 5
REVISED DRAWINGS
(N/A - NOT INCLUDED AS PART OF THIS ADDENDUM)**

ATTACHMENT 6 BIDDER'S ACKNOWLEDGEMENT OF RECEIPT

All bidders shall acknowledge receipt and acceptance of Addendum No. 1 by signing in the space provided below. Bids submitted without Addendum No. 1 being acknowledged will be considered non-responsive.

Acknowledgement of Addendum No.1

Date: _____

Company Name: _____

Signature: _____

Name: _____

END OF ADDENDUM No.1