



**Request for Bid  
Group 3 CIPP Addendum No. 1 to  
RFB No. 419768.71.0387  
June 5, 2024**



The following information encompasses Addendum No. 1 for the above referenced RFB. Bidders shall fully consider and acknowledge this Addendum in the preparation and submittal of its formal Bid. Failure to do so may result in the rejection of the Bid.

Section 1 – 00170.3 Scope of Work

Section 2 – 00370.3.1 Unit Pricing

Section 3 – 00575.1 Project Safety and Health Program

Section 4 – 00770 Loss Control Manual

All other conditions and requirements remain unchanged.

---

**Section 1  
00170.3 Scope of Work**

## 00170 - Request for Bid

### 00170.1 Introduction

Sealed bids will be received at the Office of the City of Memphis Environmental Administration, Room 620, City Hall, 125 N. Main, Memphis, TN 38103, until **3:00 p.m. local time, June 28, 2024** for furnishing the City of Memphis with the following:

FOR THE DIVISION OF: PUBLIC WORKS FOR THE CONSTRUCTION OF:  
SARP10 Program **Group 3 CIPP**

**The Sealed Bid envelope must be labeled with the project name, bidder's name, license bidder number, license expiration date, license classification. The Sealed Bid envelope must contain one (1) hardcopy of the bid and one (1) electronic CD copy of the bid.**

Sealed Bids sent through the mail or other such delivery service shall be sent in such a manner so as to allow the opening of the "Mailing Container" and still have intact the sealed Bid. On the Mailing Container the sender shall state the words that a **"SEALED RESPONSE IS ENCLOSED"** and the Bid number.

Subcontractors intending to bid on this project must follow the instructions for Registration as stated in the Advertisement Legal Notice Request for Bid No. **419768.71.0387** (dated Month Day, 2024). Registration information must be submitted by **June 18, 2024**.

### 00170.2 Program Overview

The Program consists of the management of the capital program needed to bring the City's wastewater and sewer system into compliance with federal and state regulations per the City of Memphis Wastewater Collection and Transmission System (WCTS) Condition Assessment and Rehabilitation Program Consent Decree signed on September 21, 2012, including the procurement of studies, design and construction services associated with the City of Memphis SARP10 Program.

### 00170.3 Scope of Work

The Scope of Work for this bid generally consists of installing cured in place pipe (CIPP) ~~on approximately 37,000 linear feet of 8"–21" diameter gravity sewer~~ **in approximately 48,900 linear feet of 8", 10", 12", 15", 18", 21", 24", and 36" diameter gravity sewer**. In most cases the work will include, but is not limited to, any pre-cleaning necessary to complete the lining, performing point repairs in preparation for lining, installing the CIPP liner, reinstating laterals, and completing manhole rehabilitation on select manholes in the area. Other related work will include providing traffic control and restoring any disturbed area.

### 00170.4 Bid Guarantee Requirements

Guarantee Requirements:

- a) Bidder will not withdraw bid for one hundred eighty (180) calendar days after opening of bids without Purchaser's written consent.
- b) If bid is accepted, bidder will enter into formal Subcontract with Purchaser, within five (5) calendar days after receipt of Subcontract documents for execution.
- c) If bid is accepted, bidder will execute required 100% Performance/Payment Bond in accordance with Article 00571.4 and will obtain required insurance coverage in accordance with Article 00572.21 within ten (10) calendar days after receipt of Subcontract.
- d) All bids will require a bidder's bond or certified or cashier check made payable to the Purchaser on a solvent bank in the amount of 5% of the bid. Said instrument to remain in effect and will be returned only after the Subcontract has been fully executed and secured. Additionally, the successful bidder shall execute a performance bond in an amount equal to 100% of the Subcontract sum as security for the faithful performance of the Subcontract and for the payment of labor and material furnished and incorporated into the Work. The only acceptable form of instrument for this bid bond is bound herein, Article 00672.7.





**Request for Bid  
Group 3 CIPP Addendum No. 1 to  
RFB No. 419768.71.0387  
June 5, 2024**



---

**Section 2  
00370.3.1 Unit Pricing**

Table 00370.3.1 - Unit Price Bid Form

Bidder should refer to Section 00270, Instructions to Bidders, when completing this Bid Form. Bidder shall complete this form entirely and return it with Bidder's Bid.					
Bid Submitted by: (Company Name)					
00370.3 Bid Pricing Information					
00370.3.1 Unit Pricing					
<p>Bidder proposes to complete the RFB Work based on firm, fixed, unit prices (US dollars), which prices multiplied by the final Work quantities would represent the full consideration to Bidder for its complete and satisfactory performance of the Work in compliance with all the terms and conditions of the RFB Documents. The Unit Prices in this Table include the cost of all the work which is required or implied by the RFB documents or which may be inferred therefrom, and which is customarily provided in furnishing a complete and finished work item of its kind. Further, any and all alterations, modifications, and adjustments to the work item, which is reasonably foreseeable or customarily encountered in providing and installing equipment, material, and services of the work item kind, will be performed without additional compensation.</p> <p>In the event of a Purchaser-approved change in the scope of Work for which a unit price from this Table is not applicable, as determined by the Purchaser, the Subcontractor shall provide a new unit price for review and acceptance by the Purchaser. Subcontractor shall provide all information requested by the Purchaser to substantiate the value of the new unit price.</p>					
00370.3.1.1 Unit Prices Breakdown					Bidder Response Columns
Item Number	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Extension Price
<b>71.0387 Group 3 CIPP</b>					
<b>Manhole Replacement / Installation</b>					
02531-4.01.A	Manhole Replacement with Precast Manhole	Vertical Foot	30		\$ -
02531-4.01.B	Precast Manhole Installation	Vertical Foot	50		\$ -
02531-4.01.C	Pavement Backfill for Manholes	Cubic Yards	60		\$ -
02531-4.01.D	Traffic Control per MH Installation/Replacement	Crew Day	10		\$ -
<b>Manhole Rehabilitation</b>					
02533-4.01.A	Manhole Rehabilitation - Cementitious Coating	Vertical Foot	960		\$ -
02533-4.01.C	Invert and Bench Replacement	Each	54		\$ -
02533-4.01.B.1	Sewer Manhole Inside Drop Construction (<5')	Each	3		\$ -
02533-4.01.B.2	Sewer Manhole Inside Drop Construction (5'-10')	Each	6		\$ -
02533-4.01.E	Traffic Control for Manhole Rehabilitation	Crew Day	116		\$ -
<b>CIPP</b>					
02535-4.01.A-1.1	8" Diameter CIPP (0-10 feet)	Linear Foot	28,795		\$ -
02535-4.01.A-1.2	8" Diameter CIPP (10-20 feet)	Linear Foot	5,630		\$ -
	8" Diameter CIPP (>20 feet)	Linear Foot	240		\$ -
02535-4.01.A-2.1	10" Diameter CIPP (0-10 feet)	Linear Foot	3,470		\$ -
02535-4.01.A-2.2	10" Diameter CIPP (10-20 feet)	Linear Foot	1,605		\$ -
02535-4.01.A-3.1	12" Diameter CIPP (0-10 feet)	Linear Foot	1,655		\$ -
02535-4.01.A-3.2	12" Diameter CIPP (10-20 feet)	Linear Foot	465		\$ -
02535-4.01.A-4.1	15" Diameter CIPP (0-10 feet)	Linear Foot	815		\$ -
02535-4.01.A-4.2	15" Diameter CIPP (10-20 feet)	Linear Foot	1,675		\$ -
02535-4.01.A-5.1	18" Diameter CIPP (0-10 feet)	Linear Foot	580		\$ -
02535-4.01.A-6.1	21" Diameter CIPP (0-10 feet)	Linear Foot	225		\$ -
02535-4.01.A-7.1	21" Diameter CIPP (10-20 feet)	Linear Foot	1,070		\$ -
02535-4.01.A-7.2	24" Diameter CIPP (0-10 feet)	Linear Foot	970		\$ -
02535-4.01.A-7.2	24" Diameter CIPP (10-20 feet)	Linear Foot	1,370		\$ -
02535-4.01.A-8.1	36" Diameter CIPP (0-10 feet)	Linear Foot	350		\$ -
02535-4.01.B-1	Bypass Pumping (12" Diameter)	Each	8		\$ -
02535-4.01.B-2	Bypass Pumping (15" Diameter)	Each	8		\$ -
02535-4.01.B-3	Bypass Pumping (18" Diameter)	Each	2		\$ -
02535-4.01.B-4	Bypass Pumping (21" Diameter)	Each	4		\$ -
02535-4.01.B-5	Bypass Pumping (24" Diameter)	Each	7		\$ -
02535-4.01.B-6	Bypass Pumping (36" Diameter)	Each	1		\$ -
02535-4.01.C	Lateral Reinstatement	Each	1,229		\$ -
02535-4.01.D	Locate and Expose Mainline Terminus	Each	7		\$ -
02535-4.01.E	Traffic Control for CIPP	Crew Day	252		\$ -
<b>Mainline Point Repair</b>					
02540-4.01.A-1.1	Sewer Point Repair, 6" Through 10" Pipe (<10' Deep)	Each	<del>158</del> <b>23</b>		\$ -
02540-4.01.A-1.2	Each Additional Linear Foot Beyond the 10 Feet Minimum, For Sewer Point Repair, 6" Through 10" Pipe (<10' Deep)	Linear Foot	<del>230</del> <b>30</b>		\$ -

Item Number	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Extension Price
02540-4.01.A-2.1	Sewer Point Repair, 6" Through 10" Pipe (10.1'-15' Deep)	Each	55 <u>8</u>		\$ -
02540-4.01.A-2.2	Each Additional Linear Foot Beyond the 10 Feet Minimum, For Sewer Point Repair, 6" Through 10" Pipe (10.1'-15' Deep)	Linear Foot	80 <u>10</u>		\$ -
02540-4.01.A-3.1	Sewer Point Repair, 6" Through 10" Pipe (15.1'-20' Deep)	Each	6 <u>2</u>		\$ -
02540-4.01.A-3.2	Each Additional Linear Foot Beyond the 10 Feet Minimum, For Sewer Point Repair, 6" Through 10" Pipe (15.1'-20' Deep)	Linear Foot	25 <u>10</u>		\$ -
<del>02540-4.01.A-3.1</del>	<del>Sewer Point Repair, 6" Through 10" Pipe (&gt;20' Deep)</del>	<del>Each</del>	<del>2</del>		<del>\$ -</del>
<del>02540-4.01.A-3.2</del>	<del>Each Additional Linear Foot Beyond the 10 Feet Minimum, For Sewer Point Repair, 6" Through 10" Pipe (&gt;20' Deep)</del>	<del>Linear Foot</del>	<del>0</del>		<del>\$ -</del>
02540-4.01.A-4.1	Sewer Point Repair, 12" Through 18" Pipe (<10' Deep)	Each	46 <u>5</u>		\$ -
02540-4.01.A-4.2	Each Additional Linear Foot Beyond the 10 Feet Minimum, For Sewer Point Repair, 12" Through 18" Pipe (<10' Deep)	Linear Foot	10		\$ -
<del>02540-4.01.A-4.1</del>	<del>Sewer Point Repair, 12" Through 18" Pipe (10.1'-15' Deep)</del>	<del>Each</del>	<del>4</del>		<del>\$ -</del>
<del>02540-4.01.A-4.2</del>	<del>Each Additional Linear Foot Beyond the 10 Feet Minimum, For Sewer Point Repair, 12" Through 18" Pipe (10.1'-15' Deep)</del>	<del>Linear Foot</del>	<del>40</del>		<del>\$ -</del>
<del>102540-4.01.A-5.1</del>	<del>Sewer Point Repair, 21" Through 27" Pipe (10.1'-15' Deep)</del>	<del>Each</del>	<del>3</del>		<del>\$ -</del>
<del>02540-4.01.A-5.2</del>	<del>Each Additional Linear Foot Beyond the 10 Feet Minimum, For Sewer Point Repair, 21" Through 27" Pipe (10.1'-15' Deep)</del>	<del>Linear Foot</del>	<del>20</del>		<del>\$ -</del>
<del>102540-4.01.A-5.1</del>	<del>Sewer Point Repair, 21" Through 27" Pipe (15.1'-20' Deep)</del>	<del>Each</del>	<del>2</del>		<del>\$ -</del>
<del>02540-4.01.A-5.2</del>	<del>Each Additional Linear Foot Beyond the 10 Feet Minimum, For Sewer Point Repair, 21" Through 27" Pipe (15.1'-20' Deep)</del>	<del>Linear Foot</del>	<del>5</del>		<del>\$ -</del>
02540-4.01.B	Each Service Connection and Associated Lateral Pipe <del>Included In a Sewer Point Repair, All Depths, All Diameters</del>	Each	178 <u>33</u>		\$ -
02540-4.01.C	Traffic Control per Point Repair	Crew Day	242 <u>31</u>		\$ -
02540-4.01.D	Pavement Backfill for Point Repair	Cubic Yards	4,325 <u>681</u>		\$ -
02540-4.01.E	Hydroexcavation/Hand Digging	Each	246 <u>38</u>		\$ -
<b>Post-Rehabilitation PACP Inspection</b>					
02541-4.01.A	Post Rehab CCTV Inspection For All Diameters (<24")	Linear Foot	95,490 46,215		\$ -
	Heavy Cleaning All Diameters	Linear Foot	4,930 <u>30</u>		\$ -
02542-4.01.A	CCTV & Sonar Inspection for All Diameters (24" and Larger Diameter)	Linear Foot	2,825 2,690		\$ -
<b>Post-Rehabilitation MACP Inspection</b>					
02544-4.01.A	GPS Coordinates of Manhole Cover	Each	145		\$ -
02544-4.01.C-1	Post Rehab MACP Level 2 Manhole Inspections	Each	138		\$ -
02544-4.01.C-2	Post Rehab MACP Level 2 Manhole Inspections with 3D Scan	Each	7		\$ -
<b>Site Preparation and Restoration</b>					
02630-4.01.A	Removal and Replacement of Vegetated/Turfed Areas	Square Yard	595 <u>98</u>		\$ -
<b>Pavement and Incidentals</b>					
02950-4.01.A-1	Asphaltic Concrete Pavement Removal and Replacement	Square Yard	2,018 <u>422</u>		\$ -
02950-4.01.A-2	Concrete Pavement Removal and Replacement	Square Yard	458 <u>38</u>		\$ -
02950-4.01.B	Concrete Sidewalk Removal and Replacement	Square Yard	308 <u>80</u>		\$ -
02950-4.01.C	Concrete Curb and Gutter Removal and Replacement	Linear Foot	1,023 <u>235</u>		\$ -
02950-4.01.D	Gravel Driveway and Gravel Area Removal and Replacement With Crushed Stone	Ton	40 <u>4</u>		\$ -
	SRF Sign	Each	4 <u>2</u>		\$ -
<b>71.0387 Group 3 CIPP - Total Estimated Unit Price Value</b>					\$ -



**Request for Bid  
Group 3 CIPP Addendum No. 1 to  
RFB No. 419768.71.0387  
June 5, 2024**



---

**Section 3  
00575.1 Project Safety and Health Program**

## 00575 - Safety, Health and Accident Prevention

### 00575.1 Project Safety and Health Program

Purchaser will implement and coordinate the overall Project Safety and Health Program as defined in the Loss Control Manual which is available for inspection at <http://www.sarp10.com/facts/> <https://sarp10.com/safety/>.

### 00575.2 Safety, Health, and Accident Prevention Program

00575.2.1 Subcontractor shall implement and maintain a written Safety, Health and Accident Prevention Program specifically applicable to the Work. Subcontractor's Safety, Health and Accident Prevention Program must meet the requirements of Applicable Laws and adhere to the Project Safety and Health Program, if implemented by Purchaser. Subcontractor shall submit Subcontractor's Safety, Health and Accident Prevention Program for Purchaser's review at least thirty calendar days before starting Work at the jobsite. Purchaser's review does not relieve Subcontractor of Subcontractor's sole responsibility for safety and health in relation to the Work, nor does Purchaser's review limit Subcontractor's obligation to undertake any action necessary to establish and maintain safe working conditions relating to the Work at the jobsite.

00575.2.2 Purchaser may monitor Subcontractor's safety and health performance and may require changes to Subcontractor's Safety, Health and Accident Prevention Program during the performance of the Work. Purchaser's monitoring and requirement of changes does not relieve Subcontractor of Subcontractor's sole responsibility for safety and health in relation to the Work, nor does Purchaser's monitoring and requirement of changes limit Subcontractor's obligation to undertake any action necessary to establish and maintain safe working conditions relating to the Work at the jobsite.

### 00575.3 Hazardous Waste Project Health and Safety Plan

00575.3.1 Subcontractor understands that the Work involves hazardous substances or hazardous wastes. Subcontractor shall comply with all Applicable Laws, Owner's facility rules and regulations, and applicable guidance documents. Subcontractor shall prepare and implement a jobsite-specific Hazardous Waste Project Health and Safety Plan, based on Subcontractor's Safety, Health and Accident Prevention Program and all written programs required by Applicable Laws. Subcontractor is responsible for the completeness and accuracy of Subcontractor's Hazardous Waste Project Health and Safety Plan. Subcontractor shall submit Subcontractor's Hazardous Waste Project Health and Safety Plan to Purchaser at least thirty calendar days before starting Work at the jobsite and shall maintain a copy at the jobsite for review by Purchaser, Owner, and regulatory personnel.

00575.3.2 Before starting Work at the jobsite, Subcontractor shall submit written verification that:

- (a) personnel assigned to the Work have received forty-hour health and safety training that meets the requirements of 29 CFR 1910.120(e) or 1926.65(e);
- (b) the assigned field supervisor has completed eight hours of supervisor training that meets the requirements of 29 CFR 1910.120(e)(4) or 1926.65(e)(4); and
- (c) personnel assigned to the Work are participating in a medical surveillance program that meets the requirements of 29 CFR 1910.120(f) or 1926.65(f).

### 00575.4 Protective Clothing, Equipment and Instrumentation

Subcontractor agrees to furnish special protective clothing, respiratory protective equipment, and monitoring instrumentation as required by Applicable Laws, the project's safety-related plans and programs, and Purchaser's and Owner's rules and regulations. Subcontractor shall ensure that personnel performing Work at the jobsite properly use the clothing, equipment, and instrumentation. Subcontractor shall furnish and maintain all safety equipment, including but not limited to, barriers, signs, warning lights, and guards necessary for adequate protection of persons and property.





**Request for Bid  
Group 3 CIPP Addendum No. 1 to  
RFB No. 419768.71.0387  
June 5, 2024**



---

**Section 4  
00770 Loss Control Manual**



## 00770 – Loss Control Manual

The Loss Control Manual is available for viewing on the SARP10 website:

~~<http://www.sarp10.com/facts/>~~ <https://sarp10.com/safety/>

Contact Riley Thompson, Safety Manager for additional information:

~~mailto:~~[ThompsonRR@bv.com](mailto:ThompsonRR@bv.com)

~~(9101)~~ [\(901\) 530-1809](tel:(901)5301809)