Request for Bid
Humphrey's Blvd CIPP Addendum No. 1 to
RFB No. 426565.71.0435
July 28, 2026

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 – Table 00370.3.1 - Unit Price Bid Form

Section 2 – Additional Technical Specifications

All other conditions and requirements remain unchanged.

Section 1
Table 00370.3.1 - Unit Price Bid Form

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

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.

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.

00370.3.1.1 Unit Prices Breakdown				Bidder Response Columns	
Item Number	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Extension Price
71.0435 Humphrey's Blvd CIPP					
CIPP					
02535-4.02.A	42" CIPP	Linear Foot	~~7,240~~ 7,604		$ -
02535-4.02.A	48" CIPP	Linear Foot	~~5,385~~ 5,947		$ -
02535-4.02.A	24" Siphon Barrel	Linear Foot	~~160~~ 132		$ -
02535-4.02.A	42" Siphon Barrel	Linear Foot	~~129~~ 132		$ -
02535-4.02F	Bypass Pumping	Lump Sum	1		$ -
Manhole Rehabilitation					
02537-4.02.A	Manhole Rehabilitation	Vertical Foot	~~463~~ 522		$ -
02537-4.02.C	Additional Leak-Stop Grouting	Hours	10		$ -
Post-Rehabilitation PACP Inspection					
~~02541-4.01.A~~	~~42-48" Heavy Cleaning~~	~~Lump Sum~~	~~1~~		~~$ -~~
02541-4.01.B	Post CCTV Inspection	Linear Foot	12,914		$ -
Post-Rehabilitation MACP Inspection					
02544-4.01.A	GPS Coordinates of Manhole Cover	Each	83		$ -
02544-4.01.C-1	Post Rehab MACP Level 2 Manhole Inspections	Each	68		$ -
02544-4.01.C-2	Post Rehab MACP Level 2 Manhole Inspections with 3D Scan	Each	15		$ -
Site Preparation and Restoration					
02630-4.01-A	Site Restoration	Lump Sum	1		$ -
Interceptor Cleaning					
02547-4.02.A	**Interceptor Cleaning (42"&48")**	**Linear Foot**	**13,551**		**$ -**
02547-4.02.B	**Siphon Cleaning (24"&42")**	**Linear Foot**	**264**		**$ -**
Miscellaneous					
00001	Mobilization	Lump Sum	1		$ -
01551.6.01	Traffic Control	Lump Sum	1		$ -
	71.0435 Humphrey's Blvd CIPP - Total Estimated Unit Price Value				**$ -**

Section 2
Additional Technical Specifications

SECTION 02547
SITE SPECIFIC SEWER INTERCEPTOR & MANHOLE CLEANING

PART 1 GENERAL

1.01 SCOPE

A. This Work will consist of cleaning selected segments of sewer interceptor lines, as needed.

B. The Work covered by this section includes furnishing all labor, equipment, tools, accessories, and materials required to clean specified sewer interceptor segments.

C. Cleaning shall only be required in manholes and sewer segments as necessary to facilitate and complete the inspection of the referenced manholes and sewer segments.

1.02 SUBMITTALS

A. Unless otherwise specified all submittals specified herein shall be delivered to the Program Manager within 7 calendar days of NTP.

B. Interceptor Cleaning Plan, including proposed method of cleaning, description of all equipment, means and methods of cleaning, management and maintenance of interceptor flows. Cleaning plan shall also include odor mitigation procedures during the cleaning operation.

C. At a minimum, the Interceptor Cleaning Plan shall be submitted to the Program Manager and include the following elements:

1. Wastewater Spill Prevention Plan to mitigate the potential for wastewater from the interceptor, water from the jetting operation or water from any decant procedures to be splashed or spilled within the work area. The Subcontractor shall have all of the equipment listed in the Spill Prevention Plan on site and in operable condition prior to commencing work.

2. Waste Management Plan, which describes the proposed waste management, transportation and disposal of all solid and liquid wastes generated during the interceptor cleaning activities.

3. Work Area Cleaning Plan, which describes the proposed method of cleanup of each working area at the end of each day and at the end of the operational need for that site.

4. Layout Area Plan describing the equipment and access required for each working location.

5. Easement Access and Clearing Plan describing how the temporary access will be maintained, secured and restored at the end of the project.

6. Site Security Plan describing how the equipment and site will be secured at the end of each working shift or day.

D. Traffic Control

1. Traffic Control Plan shall be prepared and submitted to the Program Manager as required and include the following items:

a. Applications for all local and state permits for lane closures which may be required for working sites.

b. Major streets requiring a City approved permit if taking a lane for mobile operations, secured through Traffic Control Plan submittal to the City and signed by a TN P.E. The City requires two-week lead time for permit processing.

   i. The Subcontractor will be required to deliver a sample primary/arterial road Traffic Control Plan for review by the City.

   ii. If the City determines that the nature of the work operation or the type of road in which the Subcontractor will be working requires a permit, the Subcontractor will be required to modify the sample Traffic Control Plan to obtain a permit from the City.

c. Methods for proper signing and barricades, which comply with City of Memphis requirements.

d. For everywhere else where a permit is not required, the Subcontractor shall develop, provide, and implement a traffic control plan for all mobile operations in accordance with standard MUTCD specifications.

E. Permits

1. The Subcontractor shall also be responsible for acquiring all necessary disposal and/or landfill site permits as required to perform this work.

2. Railroad Rights of Way: The Subcontractor shall notify the Purchaser when work or access to manholes and sanitary sewers lie within the 25 feet railroad easement as measured by 25 feet outside the nearest rail of the tracks. To access sewer facilities within the 25 feet of the railroad right of way the Subcontractor shall contact the Program Manager 48 hours in advance who will alert the City's Zone Construction Inspector to coordinate individual railroad direction and guidance.

F. Confined Space Entry Requirements and Certification Requirements.

1. All confined space entry in this project shall be considered a "Permit – Required Confined Space Entry", and as such each confined space entry requires the appropriate planning to be developed for a Permit-Required Entry. There will be no exceptions to this requirement.

2. If the equipment proposed requires confined entry by any Subcontractor crew; the crew personnel must show confined space entry certification that has been validated within one year from the date of the work being performed. All Confined Entry Certification must be current for the duration of the project. Workers shall not be allowed on site unless they meet this requirement. There will be no exceptions to this requirement.

G. Equipment List Cleaning shall be provided including vehicles, cleaning equipment, tools, and cleaning supplies.

H. Disposal site(s) shall be identified and appropriate landfill permits for appropriate disposal of all waste materials removed from the sewer during the cleaning operation shall be secured and copies furnished.

I. Subcontractor shall follow Standard Construction Specifications Section 02630 - Site Preparation and Restoration for easement access and final restoration.

1.03 DELIVERABLES

A. Records

1. Interceptor Cleaning Record

a. The Subcontractor shall provide a dated manifest of the volume or weight of the dewatered sewer cleaning loads taken and dumped at the permitted landfill. Each waste load manifest shall be associated with a list of corresponding sewer segments from where the waste originated.

PART 2 PRODUCTS

2.01 EQUIPMENT

A. General

1. The Subcontractor's supervisors and operators shall have a minimum of five (5) years' experience in the field of sewer cleaning and internal inspection of sewers. Supervisor shall be on-site for the duration of the project. All equipment shall be operated only by personnel of the cleaning Subcontractor with the required experience.

2. The Subcontractor shall submit an equipment list to the Purchaser for approval before the commencement of the Work and shall certify that back-up equipment is available and can be delivered to the worksite within 48 hours.

3. The Subcontractor shall provide equipment to perform cleaning, as needed, required by this scope of work, including where applicable, sewer mains located in streets, street rights-of-way, backyards, easements and rights-of way that are off-road.

4. The contractor shall be experienced in the cleaning of large diameter gravity sewer mains, having cleaned a minimum of 100,000 linear feet of 24-inch diameter and larger sanitary sewer pipe. The contractor will provide proof of experience upon request.

B. Cleaning Equipment

1. Subcontractor shall select cleaning equipment and methods based on the conditions of the sewer segments. More than one method or type of equipment may be required on the interceptor, at any single location.

2. The Subcontractor shall possess equipment capable of hydraulically or mechanically cleaning a minimum of 1,800 linear feet of pipe from one direction and shall be capable of a minimum 1,800 linear feet of hose or cable reach in the interceptor sewer on-site during the cleaning execution.

3. Hydraulic cleaners or combination hydraulic/vacuum cleaners shall be specifically designed and constructed for such cleaning.

a. Large diameter cleaning equipment includes high velocity type or hydraulically propelled material extraction devices that do not release particulate matter or odors to the atmosphere and are capable of cleaning pipes 18 inch in diameter and larger.

b. Prior to commencing the work, the Subcontractor shall identify the water source that the Subcontractor intends to use. If potable water is used, the Subcontractor is responsible for making the necessary arrangements with Memphis Light, Gas and Water (MLGW) for securing and paying for the metered water and source and will submit a plan which addresses backflow prevention when using that source and include freeze prevention and appropriate protection during winter conditions.

   i. Subcontractor shall make own arrangements for hydrant service with MLGW.

      (1) Subcontractor shall provide and install hydrant meter.

      (2) Subcontractor shall remain responsible for supplying all equipment, tools, and labor necessary to connect to water sources, meter the water used, and safeguard the City's water supply against backflow into the system.

      (3) In the event of a fire emergency, that emergency shall take precedence over all sewer cleaning operations. Subcontractor shall cease all water consumption on a temporary basis if directed to do so by City or local Fire Department officials. Delays due to fire emergencies shall be dealt with in the same manner as weather delays.

   ii. Alternately, the Subcontractor may truck water or recycle water by filtering wastewater and using it to clean the Interceptor.

   iii. Subcontractor shall track water consumption from all cleaning operations.

   iv. The Subcontractor shall be required to make restitution for any damages resulting from the improper use of the water supply system and pay any and all fines and costs that may result. Connections to the water system shall not be left unattended for any period of time, and shall be disassembled and removed during non-work hours.

c. Hydraulic pipe cleaners shall be specifically designed and constructed for such cleaning. For high velocity pipe cleaners, the proposed equipment shall utilize a high velocity jetter accompanied by a debris collection system that is a closed loop non-odor emitting system. The jetter shall be capable of a minimum volume of 130 gpm with a rated pressure of 2,000 psi at the pump. The hose reel shall have capacity of reaching a minimum of 1,000 ft. The hydraulic cleaning equipment shall be capable of cleaning around bends (up to 90 degrees) without repositioning or cleaning against flow.

d. Subcontractor shall use a nozzle that directs the cleaning force to the bottom of the pipe and lower sides of the pipe. When cleaning around bends, Subcontractor shall use a nozzle that directs the cleaning force to avoid any buildup of debris at the inside radius. Conduct multiple passes as required to fully remove debris for bends.

e. The hydraulic cleaning equipment shall have multiple hydraulic cleaner hose nozzles for a variety of sewer cleaning conditions, including grease, roots, debris and granular materials.

f. Vacuum equipment shall be capable of lifting debris removed from the segment from the downstream manhole.

g. These are general guidelines for hydraulic cleaning equipment. Subcontractor shall provide in the submittal a list of equipment it deems the most appropriate and

effective for executing the Scope of Work and include equipment model, capacity, capabilities, reliability any other relevant information from equipment manufacturers.

4. Mechanical sewer pipe cleaners shall be specifically designed and constructed for such cleaning.

   a. Mechanical cleaning equipment includes buckets, scrapers, scooters, porcupines, kites, heavy duty brushes, metal pigs, and other debris removing equipment and accessories used in conjunction with approved power winching machines.
   b. Mechanical pipe cleaners shall be specifically designed and constructed for such cleaning. Mechanical sewer pipe cleaners (cable machines with buckets, brushes, swabs, root cutters, and power rodders) shall be capable of controlled forward and reverse travel through the sewers without inflicting damage to the existing pipe in removing debris.

PART 3 EXECUTION

3.01 INTERCEPTOR CLEANING

A. General

1. Cleaning shall only be required in manholes and sewer segments as necessary to facilitate and complete the inspection, assessment and monitoring of the referenced manholes and sewer segments as approved by the Program Manager. Prior to any interceptor cleaning, the Subcontractor must propose all cleaning to the Resident Project Representative and Program Manager. The Subcontractor must obtain prior permission for cleaning in each sewer segment in order to receive payment.

2. The work within this contract is intended to be completed while sewer interceptors are in full service. The Subcontractor will assume full responsibility for any isolation or bypass pumping of the Interceptor if required. The Subcontractor may propose a wastewater by-pass plan to isolate pipe sections; however, the details of the proposed plan must be provided in a work plan requiring the approval of the Program Manager and the City of Memphis. The Program Manager and the City of Memphis reserve the right to not allow the interceptor or portions of the interceptor to be taken out of service.

3. Interceptor sewer dewatering and/or by-pass pumping, if allowed, shall be for the convenience of the Subcontractor and does not have a separate item for payment on the Bid Form. All associated labor, equipment, materials and incidentals shall be distributed within related item in the Bid Form. Cleaning against the flow is not permitted unless otherwise specified or directed by the Program Manager.

4. The Subcontractor shall clean the interceptor line from manhole to manhole, starting in the last downstream segment, cleaning from the higher segment manhole in a downstream direction to the lower manhole; and move to clean the next segment upstream, from the highest manhole in a downstream direction, one sewer section at a time and performed as efficiently as possible at the Subcontractor’s discretion. The total number of segments cleaned shall be coordinated with the Program Manager.

5. Debris shall not be passed from one sewer segment to another but must be trapped and removed from each sewer segments.

B. Cleaning Execution

1. No roots, grease or debris from cleaning shall be passed from sewer segment to sewer segment during the cleaning operation. All debris flushed from the Interceptor must be collected, captured, and removed from the sewer at the downstream manhole.

2. Roots shall be removed in the sections where root intrusion is a problem. Special precautions shall be exercised during the cleaning operation to assure complete removal of visible roots from the joint area and so as not to incur further damage to the pipe. Any visible roots that may impact rehabilitation efforts shall be removed. Procedures may include the use of mechanical devices such as rodding machines, expanding root cutters and porcupines, and hydraulic procedures such as high-pressure jet cleaners.

3. The Subcontractor is responsible for safe, responsible and legal handling and disposal of all material and debris removed from the Interceptor. The Subcontractor is responsible for all permits and landfill fees associated with the disposal of debris collected and removed from the Interceptor.

4. Waste Disposal Manifest

   a. Proper disposal arrangements are the exclusive responsibility of the Subcontractor. The Subcontractor shall provide a dated manifest of the volume and weight of the dewatered sewer cleaning loads taken and dumped at the permitted landfill. The Subcontractor shall not dispose of debris at a City of Memphis Wastewater Treatment Plant. Each waste load manifest shall be associated with a list of corresponding sewer segments from where the waste originated.

5. Conduct all cleaning operations to prevent building backups and sewer overflows.

6. Subcontractor shall be responsible for cleanup, repair, fines, property damage costs, and claims for any sewage backup, spillage or sanitary sewer overflow during or as a result of the cleaning and inspection operations.

7. The Subcontractor is responsible for hiring a licensed sub-contractor to retrieve any equipment that gets stuck in the sewer system through the execution of the scope of work (fallen mechanical equipment, jet nozzles, inflatable plugs, sandbags etc.) at the Subcontractor's own cost. Such retrieval by an appropriately licensed sub-contractor shall be made within 48 hours to avoid interfering with the City of Memphis sewer system operations. Any and all impacts and related costs due to the Subcontractor's equipment in the interceptor shall be the responsibility of the Subcontractor.

C. Easement or Turf Operation

1. The Subcontractor will gain access to manholes for cleaning operations in accordance with Technical Specification 02630 Site Preparation and Restoration.

2. The Subcontractor will restore the work area to its original condition as quickly as possible after the inspection is complete based on Technical Specification Section 02630 Site Preparation and Restoration. The Subcontractor shall complete ongoing restoration of sites where work operations are complete and postpone the restoration of each site until the end of the project.

PART 4 MEASUREMENT & PAYMENT

4.01 MEASUREMENT

A. Interceptor Cleaning

1. Interceptor & Manhole Cleaning of selected segments shall be measured by crew-hour expended and documented in accordance with the specification.

4.02 PAYMENT

A. Interceptor and Manhole Cleaning

1. Interceptor & Manhole Cleaning shall be paid by linear foot of pipe cleaned.

2. The unit price for Interceptor & Manhole Cleaning shall cover the entire cost of the required Interceptor & Manhole Cleaning in accordance with the specification, including but not limited to labor, mobilization, cleaning equipment, traffic control, securing required water, transportation and disposal of all solid and liquid waste, power supply for equipment, interim and final reports, and all other appurtenant work.

B. No additional payment will be made for:

1. Securing water for required cleaning.

2. Interceptor sewer dewatering and/or by-pass pumping

3. Waste management, transportation and disposal of solid and liquid waste.

4. Securing of easements, clearing, site preparation or rehabilitation

4.03 PAYMENT WILL BE MADE UNDER:

Item No.	Pay Item	Pay Unit
02547-4.02.A	Interceptor Cleaning	LF

END OF SECTION 02547