



**Request for Bid
Rodney Baber Park Sewer Improvements Addendum # 3 to
RFB No. 192442.71.0402
May 27, 2016**



The following information encompasses Addendum # 3 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 – Updated Selection Schedule (RFB Section 00170.16)

Section 2 – Bidder Questions / SARP10 Answers

Section 3 – Revised Scope of Work (RFB Section 00170.3)

Section 4 – Updated Special Conditions (within Technical Specifications in original RFB)

Section 1 – Updated Selection Schedule (RFB Section 00170.16)

Event	Completed By
Advertising date	May 5, 2016
Pre-Bid meeting	May 12, 2016
Registration Information submitted per Advertisement	May 16, 2016
Issue Addendum 1 for answers to questions	May 17, 2016
Issue Addendum 2 (revised CD's) **	May 19, 2016
Last day for questions	May 25, 2016
Issue Addendum 3 Answering Questions (if necessary)	May 27, 2016
Public Bid Opening	June 2, 2016 at 3:00 P.M.
Public Notice of Intent to Award	June 7, 2016
Tentative Pre construction Conference with Contractor	June 14, 2016
Tentative Issue Notice to Proceed	June 16, 2016

Section 2 – Bidder Questions / SARP10 Answers

Q1: We would prefer on this project to do a cased bore for the 24" line. Is this an acceptable alternative to the direct jacking option?

SARP10: No. All bids should price the boring as shown in the contract documents.

Section 3 – Revised Scope of Work (RFB Section 00170.3)

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, May 19, 2016** for furnishing the City of Memphis with the following:

FOR THE DIVISION OF: PUBLIC WORKS FOR THE CONSTRUCTION OF:
SARP10 Program **Rodney Baber Park Sewer Improvements**

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 that are 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. **179821.71.0402** (dated May 5, 2016). Registration information must be submitted by **May 16, 2016**.

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 approximately 2000 linear feet of new 12" diameter sanitary sewer pipe, **direct jack and boring** approximately 480 linear feet of new 24" diameter ~~fiberglass reinforced sanitary sewer~~ **sanitary sewer Glass Fiber Reinforced Polymer Mortar Pipe**, and new sanitary sewer manholes in and near Rodney Baber Park in Memphis, TN. Also included is the post construction assessment of all new pipes and manholes. The assessment includes manhole assessment as well as closed-circuit television (CCTV) inspections for all pipe diameters. The assessment will be done according to National Association of Sewer Service Companies (NASSCO) protocols. Other related work includes abandoning existing sanitary sewer pipes, bypass pumping, **a new sewer tap and service line**, restoring the disturbed area, and erosion control.

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.





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Section 4 – Updated Special Conditions (within Technical Specifications in original RFB)

SPECIAL CONDITIONS

I. SCOPE OF THE CONTRACT:

- A. The work required under this Contract includes furnishing and paying for all necessary materials, labor, tools, equipment, and other items and construction improvements of the Rodney Baber Park Sewer Improvements, complete in every detail, ready for the Purchaser's beneficial use as specified herein and/or indicated on the contract drawings. The project shall consist of, but is not limited to, the following items:
1. Installation of approximately 2000 linear feet of new 12 inch diameter sanitary sewer pipe, ~~ductile iron pipe (DIP) and polyvinyl chloride (PVC) pipe~~, direct jack and boring approximately 480 linear feet of new 24 inch diameter sanitary sewer Glass Fiber Reinforced Polymer Mortar Pipe, and new sanitary sewer manholes, ~~and 12 foot diameter concrete junction box (doghouse manhole) over existing 84 inch gravity sewer line~~. Also included is the post construction assessment of all new pipes and manhole structures. The assessment includes manhole assessment as well as closed-circuit television (CCTV) ~~or sonar inspection~~ inspections for all pipe diameters. Other related work includes abandoning existing sanitary sewer pipes, bypass pumping, a new sewer tap and service line, restoring the disturbed area, and erosion control.

2. MODIFICATIONS AND ADDITIONS TO TECHNICAL SPECIFICATIONS:

- A. In the event of conflict between the TECHNICAL SPECIFICATIONS, Construction Drawings, the General Provisions or Special Conditions contained herein, and/or product manufacturer's specifications the more stringent shall apply. However, all conflicts shall be brought to the attention of the INSPECTOR for approval.
- B. The cost of all required material inspections and testing, including, but not limited to earthwork and concrete testing, shall be paid for by the CONTRACTOR.
- C. Item No. 02530-02, Silt Fence
1. This item is not specified in the TECHNICAL SPECIFICATIONS.
 2. Job Conditions
 - A. Excavation, trenching, backfilling, and grading operations to elevations as needed to meet the requirements shown on the Contract Documents, shall be done in such a manner as to cause the least amount of soil erosion and siltation.
 - B. Appropriate management practices and control structures shall be

in place prior to clearing of vegetation for necessary construction activities near streams, rivers, and lakes.

- C. Provisions required to maintain uninterrupted surface water flow shall be maintained during the work. Storm water flow in existing gutters, surface drains, and swales shall not be interrupted.
 - D. The Engineer shall be notified of any unexpected subsurface or other unforeseen conditions. Work shall be discontinued until the Engineer provides notification to resume work.
3. Preparation
- A. Erosion and sediment control shall be in accordance with the Tennessee Water Quality Control Act of 1977, as amended, and the Federal Act Pl 92-59.
 - B. The Tennessee Department of Conservation Publication, Tennessee Erosion & Sediment Control Handbook, latest revision, shall be used as a guide for construction of projects that require erosion and sediment controls to protect adjoining property and waters of the state.
4. Performance
- A. Whenever possible, a buffer strip of vegetation cover shall be kept adjacent to grading operations.
 - B. Control measures shall be in place and functional before earth moving operations begin, and must be properly constructed and maintained during the construction period.
 - C. Staked and entrenched straw bales or silt fence shall be installed along the base of all sloped cuts and fills, on the down hill sides of stockpiled soil, and along stream banks.
 - D. All surface water flowing toward the construction area shall be diverted around the area as much as possible to reduce erosion potential by using beams, channels, and/or sediment traps as necessary.
 - E. Maintenance of erosion and sediment control methods shall be performed on a regular basis throughout the construction period and until a good vegetative cover is established over the entire disturbed area.
 - F. A vegetation buffer strip shall be maintained between any stream and pipe trenching. Excavated material from the trench shall not be placed between the trench and stream.
 - G. Trenches or pits shall be backfilled as soon as practicable to reduce erosion potential.
 - H. Erosion control measures shall be removed when they have served their useful purpose. The disturbed soil shall be fine graded, top soiled, and planted with permanent vegetation as soon as the construction sequence allows to prevent further potential erosion and sedimentation. Any seeded areas which are eroded shall be reworked as soon as possible.

5. Payment will be at the contract unit price for installation per Linear Foot (L.F.) Silt Fence, which shall include all material and labor necessary to complete the item as shown on the plans

D. Item No. 02531-03, Existing Manhole Core & Boot

1. Core-drill circular opening in manhole wall of diameter to fit the required boot size.
2. Kor-n seal flexible rubber boot (manufactured by National Pollution Control Systems, Inc. or as approved by the engineering department) shall be used for watertight connection.
3. Cut, shape and slope new invert channel in the existing concrete bench for smooth flow from new sanitary sewer connection.
4. Clean existing manhole of any dirt, concrete or debris which may accumulate during the construction process.
5. Payment will be at the contract unit price for installation of each Existing Manhole Core & Boot, which shall include all material and labor necessary to complete the item as shown on the plans.

E. Item No. 02530-04, 24-inch Jacking Application for Fiberglass Reinforced Pipe

1. This item is not specified in the TECHNICAL SPECIFICATIONS.
2. Reference: Section 02530 – Sewer Pipe Installation
3. Where 24-inch pipe jacking is indicated on the drawings, fiberglass reinforced poly mortar pipes shall be used.
4. Pipe shall be of stiffness class standard for jacking applications $SN > 72$.
5. Jacking loads must be controlled within safe limits established by the manufacturer and applied in a manner to maintain the grade specified on the plans. Joint and pipe deflection shall meet or exceed manufacturer standards.
6. Pipe installed using the jacking application shall be jacked bell-trailing.
7. Jacking loads shall be minimized by overcutting the tunnel and lubricating the annular space.
8. Payment shall be at the contract unit price for installation per Linear Foot (L.F.) of pipe.