

## ADDENDUM No. 2

ITB No. 4438

### SOUTHSIDE INTERCEPTOR SEWER LINING PROJECT – Phase III

**Due: Tuesday, May 17, 2016, On/Before 10:00 A.M.**

The following changes, additions, and/or deletions shall be made to the Invitation to Bid for **ITB No. 4438 Southside Interceptor Sewer Lining Project**, on which proposals will be received on/or before Tuesday, May 17, 2016, by 10:00 A.M.

The information contained herein shall take precedence over the original documents and all previous addenda (if any), and is appended thereto. **This Addendum includes 9 pages.**

**Bidder is to acknowledge receipt of this Addendum No. 2, including all attachments (if any) in its Bid by so indicating on page ITB-1 of the Invitation to Bid Form. Bids submitted without acknowledgement of receipt of this addendum will be considered nonconforming.**

**The following forms provided within this ITB Document must be included in submitted bids.**

- **City of Ann Arbor Prevailing Wage Declaration of Compliance**
- **City of Ann Arbor Living Wage Ordinance Declaration of Compliance**
- **Vendor Conflict of Interest Disclosure Form**
- **City of Ann Arbor Non-Discrimination Ordinance Declaration of Compliance**

**Bids that fail to provide these completed forms listed above upon bid opening will be rejected as non-responsive and will not be considered for award.**

## I. CORRECTIONS/ADDITIONS/DELETIONS

Changes to the Bid documents which are outlined below are referenced to a page or Section in which they appear conspicuously. The Bidder is to take note in its review of the documents and include these changes as they may affect work or details in other areas not specifically referenced here.

### Section/Page(s)

### Change

BF- 1 & BF - 2

These pages shall be removed and replaced with BF-1-R-1 and BF-2-R-1, which are attached to this addendum. The following items were modified.

| <u>Item</u> | <u>Description</u>     | <u>Unit</u> | <u>Estimated Quantity</u> |
|-------------|------------------------|-------------|---------------------------|
| 225         | Manhole Rehabilitation | Each        | 29                        |
| 226         | Manhole Lining         | VF          | 275                       |

The following item was added on the bid form.

| <u>Item</u> | <u>Description</u>    | <u>Unit</u> | <u>Estimated Quantity</u> |
|-------------|-----------------------|-------------|---------------------------|
| 299         | Temporary Access Road | LF          | 1                         |

DS-53 This page shall be removed and replaced with DS-53-R-1, which is attached to this addendum. The pay units were corrected.

DS-58 & DS-59 This detailed specification was added to the contract document and is attached to this addendum.

Respondents are directed to take note in its review of the documents of the following questions and City responses as they affect work or details in other areas not specifically referenced here.

## II. QUESTIONS AND ANSWERS

The following Questions have been received by the City. Responses are being provided in accordance with the terms of the ITB.

**Question #1:** Will the Pre bid meeting sign in sheet be made available?

**Answer:** Yes. The Pre Bid Meeting Notes and sign-in sheet is attached to this Addendum.

**Question #2:** What is the Engineer's Estimate?

**Answer:** The Engineer's Estimate is \$1,984,184.

**Question #3:** Would the Contractor be permitted to extend work hours and potentially work overnight?

**Answer:** The City has a noise ordinance that governs the work hours of 7:00 a.m. to 8:00 p.m. Monday thru Saturday. If the Contractor wishes to work outside these hours, the Contractor must apply for a variance in the form of an "After Hour Work" permit. The permit will be reviewed by the Building Department and City Administration and must be submitted seven days prior to the proposed work.

Bidders are responsible for any conclusions that they may draw from the information contained in the Addendum.

**BID FORM**

Section 1–Schedule of Prices

Project: Southside Interceptor Sewer Lining Project - Phase III  
 File #: 2015-031 Bid #: 4438

| <u>Item</u> | <u>Description</u>  | <u>Unit</u> | <u>Estimated Quantity</u> | <u>Unit Price</u> | <u>Total Price</u> |
|-------------|---|-------------|---------------------------|-------------------|--------------------|
| 130         | Protective Fencing  | LF          | 800                       | \$ _____          | \$ _____           |
| 140         | Exploratory Excavation (0-10' deep),<br>Trench Detail I, Modified | Each        | 6                         | \$ _____          | \$ _____           |
| 141         | Exploratory Excavation (0-10' deep),<br>Trench Detail VI          | Each        | 6                         | \$ _____          | \$ _____           |
| 201         | General Conditions, Max. \$ 85,000                                | LS          | 1                         | \$ _____          | \$ _____           |
| 202         | Digital Audio Visual Coverage                                     | LS          | 1                         | \$ _____          | \$ _____           |
| 203         | Minor Traffic Devices, Max. \$10,000                              | LS          | 1                         | \$ _____          | \$ _____           |
| 204         | Clean-Up & Restoration, Special                                   | LS          | 1                         | \$ _____          | \$ _____           |
| 205         | "No Parking" Signs  | Each        | 10                        | \$ _____          | \$ _____           |
| 211         | Remove and Replace 4 inch or 6 inch<br>Sanitary Sewer Lead        | LF          | 50                        | \$ _____          | \$ _____           |
| 215         | Sewer Cleaning and Video Inspection,<br>36 inch                   | LF          | 4,933                     | \$ _____          | \$ _____           |
| 216         | Sewer Cleaning and Video Inspection,<br>42 inch                   | LF          | 4,944                     | \$ _____          | \$ _____           |
| 217         | Manhole Cleaning and Video Inspection                             | Each        | 29                        | \$ _____          | \$ _____           |
| 220         | Sewer Preliner, 36 inch   | LF          | 1,230                     | \$ _____          | \$ _____           |
| 221         | Sewer Preliner, 42 inch   | LF          | 1,240                     | \$ _____          | \$ _____           |
| 222         | Sewer Lining, CIPP, 36 inch                                       | LF          | 4,933                     | \$ _____          | \$ _____           |
| 223         | Sewer Lining, CIPP, 42 inch                                       | LF          | 4,944                     | \$ _____          | \$ _____           |
| 225         | Manhole Rehabilitation  | Each        | 29                        | \$ _____          | \$ _____           |

TOTAL THIS PAGE \$ \_\_\_\_\_  
 (Also to be entered on page BF-2)

**BID FORM**

Section 1–Schedule of Prices

Project: Southside Interceptor Sewer Lining Project - Phase III  
 File #: 2015-031 Bid #: 4438

| <u>Item</u>            | <u>Description</u>   | <u>Unit</u> | <u>Estimated Quantity</u> | <u>Unit Price</u> | <u>Total Price</u> |
|------------------------|--|-------------|---------------------------|-------------------|--------------------|
| 226                    | Manhole Lining   | VF          | 275                       | \$ _____          | \$ _____           |
| 244                    | Structure Covers, Modified   | LBS         | 11,600                    | \$ _____          | \$ _____           |
| 271                    | Portable, Changeable Message Sign,<br>Furnish & Operate                    | Each        | 2                         | \$ _____          | \$ _____           |
| 272                    | Plastic Drum - Lighted,<br>Furnish & Operate                               | Each        | 25                        | \$ _____          | \$ _____           |
| 274                    | Temporary Type B Signs   | SF          | 357                       | \$ _____          | \$ _____           |
| 276                    | Lighted, High Intensity, Channelizing Device,<br>42 inch Furnish & Operate | Each        | 30                        | \$ _____          | \$ _____           |
| 299                    | Temporary Access Road  | LF          | 740                       | \$ _____          | \$ _____           |
| 326                    | 36 inch Class IV RCP Trench Detail VI                                      | LF          | 100.0                     | \$ _____          | \$ _____           |
| 327                    | 42 inch Class IV RCP Trench Detail VI                                      | LF          | 100.0                     | \$ _____          | \$ _____           |
| 362                    | Type I Manhole 0-10 feet Deep 6 foot dia                                   | Each        | 5.0                       | \$ _____          | \$ _____           |
| 363                    | Type I Manhole Additional Depth, 6 foot dia                                | VF          | 6                         | \$ _____          | \$ _____           |
| 386                    | Sewer Structure Abandonment  | Each        | 2                         | \$ _____          | \$ _____           |
| 564                    | Reconstruct Manhole  | Each        | 4.0                       | \$ _____          | \$ _____           |
| 566                    | Adjust Structure Cover   | Each        | 10.0                      | \$ _____          | \$ _____           |
| 703                    | Inlet Filter   | Each        | 6.0                       | \$ _____          | \$ _____           |
| 800                    | Silt Fence   | LF          | 3,300                     | \$ _____          | \$ _____           |
| TOTAL THIS PAGE        |  |             |                           | \$ _____          |                    |
| TOTAL FROM PAGE BF-1:  |  |             |                           | \$ _____          |                    |
| <b>TOTAL BASE BID:</b> |  |             |                           | \$ _____          |                    |

*Cementitious Mortar Lining Testing*

The City of Ann Arbor or their designated representative may collect samples of the installed liner each day that cementitious lining is installed as follows:

- one sample if one to five manholes were coated that day,
- two samples if six to ten manholes were coated that day,
- three samples if eleven to fifteen manholes were coated that day,
- four samples if sixteen or more manholes were coated that day.

Samples shall be taken at equally spaced intervals throughout the day. The frequency of tests may be increased by the Engineer and performed by the Contractor at no additional cost to the City when the previous tests show that the installed lining does not meet the specifications.

The samples shall be tested in accordance with the applicable ASTM standards to verify that the installed liner meets the compressive strength requirements specified herein and the lining manufacturer's published data on the product. Tests shall include 7-day and 28-day strength tests (3 tests/cubes for each time period for each sample).

**MEASUREMENT AND PAYMENT**

The completed work as measured for these items of work will be paid for at the unit prices for the following pay items:

| <b><u>Pay Item</u></b> | <b><u>Pay Unit</u></b> |
|------------------------|------------------------|
| Manhole Rehabilitation | Each                   |
| Manhole Lining         | VF                     |

The unit price paid shall be payment in full for all labor, material, and equipment required for rehabilitation of existing manholes by grouting and/or sealing the interior wall of manholes; insertion of a cementitious liner and shall include, but is not limited to: furnishing and installing liner; reconnection of service leads; dewatering; gaining access to work site; removal and replacement of site improvements; post rehabilitation video inspection; and all other items necessary to complete the job, whether specifically mentioned or implied.

**DETAILED SPECIFICATION  
FOR  
ITEM #299 – TEMPORARY ACCESS ROAD**

**DESCRIPTION**

This work shall consist of the construction and removal of a temporary access road as directed by the Engineer deemed necessary to access specific manholes to allow cleaning, video inspection, lining and/or manhole rehabilitation. This work shall be completed in accordance with Section 205 of the Michigan Department of Transportation 2012 Standard Specifications for Construction (MDOT 2012 SSC) and shall include all work indicated in the MDOT 2012 SSC, shown on the plans, and as specified herein.

**CONSTRUCTION METHOD**

Contractors will review the plans and perform a site visit to evaluate access to each structure prior to commencement of construction. Generally, construction access will be accomplished within the sanitary sewer easement. It may be necessary for a temporary access road to be constructed in order to avoid crossing sensitive resources, provide safe work areas, or facilitate equipment staging. As much as possible, access is routed to avoid areas of unstable soils, steep slopes, wetlands, and streams. The Contractor shall submit a proposed access route to the Engineer for approval. The temporary access roads shall be located to minimize soil erosion.

*Removal of Trees and Vegetation*

The Contractor shall remove and properly dispose of off-site all vegetation; brush; roots; and trees and stumps less than 8 inch in diameter, within the approved access route, and as directed by the Engineer.

*Removal and Salvaging of Topsoil*

The removal, salvaging and stockpiling of topsoil, and all related work, shall be performed in accordance with Section 205.03.A.1 (Removing and Salvaging Topsoil) of the MDOT 2012 SSC and will not be paid for separately.

*Miscellaneous Removals*

The removal of miscellaneous material from within the approved access route shall not be paid for separately and is included in the cost of this pay item.

*Aggregate road surface*

Aggregate shall be placed and suitably compacted along the approved access route and shall be a minimum of 10 feet wide. The aggregate shall be compacted in place with a minimum thickness of 4 inches. The access road shall be kept well drained at all times.

The Contractor shall be responsible for the maintenance of the access road for the duration of the contract work and shall not be paid extra for approved extensions of contract time. Any damage caused, by traffic or the Contractor's operations, to the access road, shall be remedied by the Contractor at his/her sole expense, as directed by the Engineer.

*Removal and Restoration*

The Contractor shall remove all aggregate placed for temporary access once contract work is complete. The access route shall be graded smooth and all tire tracks and ruts shall be removed prior to the placement of topsoil.

**MEASUREMENT AND PAYMENT**

The completed work as measured for this item of work will be paid for at the unit price for the following pay item:

**PAY ITEM**

Temporary Access Road

**PAY UNIT**

LF

“Temporary Access Road” will be measured once, and only once, along the centerline of the temporary roadway. Half of the length of temporary access road will be paid after it has been placed. The remaining half will be paid once all of the gravel has been removed and the area has been regraded prior to the placement of topsoil and seed. The final restoration shall not be paid for separately, but is included in the pay item for “Clean-Up & Restoration, Special”.

Payment for this pay item shall include all labor, materials and equipment required to complete the work.

**Pre-Bid Meeting for the  
Southside Interceptor Sewer Lining Project – Phase III**

**May 4, 2016 @ 2:00 p.m. in the Basement Conference Room, City Hall**

- I. Introductions
  
- II. Addendum Items
  - a. Addendum #1 was issued last week
  - b. Addendum #2 will be released early next week
    - i. Pre-Bid meeting notes, including sign in sheet
    - ii. Other minor revisions
  
- III. General
  - a. Project Overview
  - b. Standard Specifications and Detailed Specifications
    - i. Project Schedule
      - Starting Date – approximately July 25<sup>th</sup>
      - Completion Date – approximately September 16th (53 days after notice to proceed)
      - Hours of work: 7:00 a.m. to 8:00 p.m. Monday thru Saturday (Sundays with permission)
    - ii. Engineer’s estimate – \$1,984,184.00
  
- IV. Other Items
  - a. Prevailing Wages/Davis Bacon Wages apply to this project.
  - b. The SpectraShield Liner system is approved as an equal for the manhole lining.
  - c. Other lining or manhole rehabilitation systems may be submitted as “approved equal” as a material alternative.
  - d. The maximum dollar amount for pay item “General Condition, Max. \$85,000.”

Contact Information:

**Anne Warrow**  
**Project Manager**  
**Phone: (734) 794-6410 ext. 43639**  
**Fax: (734) 994-1744**  
**E-mail: [awarrow@a2gov.org](mailto:awarrow@a2gov.org)**



## Meeting Attendees

| <b>Name</b>    | <b>Representing</b>                    | <b>Mailing Address</b>                            | <b>Telephone</b>   | <b>Email</b>   |
|----------------|--|---|--|--|
| Steve Jean     | Godwin Pumps                           | 10200 Highland Rd, Clio,<br>MI 48420              | Office: (248) 445-0337<br><br>Mobile: (248) 939-3033<br>Fax No. (448) 357-6867 | <a href="mailto:stephen.jean@godwinpumps.com">stephen.jean@godwinpumps.com</a> |
| Michael Irish  | IWPC                                   | 4086 Michigan St, Detroit,<br>MI 48210            | Mobile: (313) 236-0900   | <a href="mailto:mirish@teamipr.com">mirish@teamipr.com</a>                     |
| Drew Wainright | LANZO                                  | 28135 Groesbeck Hwy,<br>Roseville, MI 48066       | Mobile: (229)393-8348  | <a href="mailto:dreww@lanzo.org">dreww@lanzo.org</a>                           |
| Kevin Appel    | Advanced Rehabilitation Technology     | 01116 Co Rd 17, Bryan,<br>OH 43506                | Office: (419) 636-2684<br><br>Mobile: (419)553-7047<br>Fax No. (419) 636-7437  | <a href="mailto:kappel@artcoatingtech.com">kappel@artcoatingtech.com</a>       |
| Jane Allen     | City of Ann Arbor - Project Management | 301 E. Huron St, Ann Arbor, MI 48107              | Office: (734) 794-6410   | <a href="mailto:jallen2@a2gov.org">jallen2@a2gov.org</a>                       |
| Anne Warrow    | City of Ann Arbor - Project Management | 301 E. Huron St, Ann Arbor, MI 48107              | Direct: (734) 794-6410, x 43639  | <a href="mailto:awarrow@a2gov.org">awarrow@a2gov.org</a>                       |
| Deon Gray      | United Rentals Trench Safety           | MI  | Mobile: (248)798-7229  | <a href="mailto:dgray1@ur.com">dgray1@ur.com</a>                               |
| Ryan Stalmack  | Ric-Man                                | 6850 Nineteen Mile,<br>Sterling Heights, MI 48314 | Office: (954) 426-1221<br><br>Mobile: (954) 868-0792                           | <a href="mailto:jdalessandro@ric-man.com">jdalessandro@ric-man.com</a>         |