
ADDENDUM NO. 4
TO THE CONTRACT DOCUMENTS
for the construction of

Date: January 12, 2018
Project No.: 664737

Friar's Branch – South Chickamauga Creek 5 Interceptor Rehabilitation
Contract No. W-15-002-201

To All Planholders and/or Prospective Bidders:

The following responses to Contractor questions, changes, additions, and/or deletions are hereby made a part of the Contract Documents for the construction of **Friar's Branch – South Chickamauga Creek 5 Interceptor Rehabilitation** as fully and completely as if the same were fully set forth therein:

CONTRACTOR QUESTIONS

- A. Question: At what location is the contractor expected to dump sewage at the lift station area downstream of the 72" to be rehabilitated?

Response: The specific location for bypass pumping discharge is not identified on the plans or in the specifications other than the general requirement of it being downstream of the Friar's Branch Pump Station, which is meant to be on the 72" gravity sewer leaving the station and outside of the lift station's fenced area and fill embankments. The Contractor is responsible to select a discharge location for the bypass discharge.

- B. Question: Is an aerial view of the current lift station available to show the sewage discharge point?

Response: No

- C. Question: Has the flow information been released for this interceptor?

Response: Peak flow rates for bypass pumping are found in Section 01 51 43, Temporary Bypass Pumping.

- D. Question: Currently, there is construction taking place at the Friars Branch Pump Station (FBPS). What is the timeframe of the current work to be completed? Will that contract interfere with the Friar's Branch South Chickamauga Creek 5 Interceptor Rehabilitation project?

Response: See Note 3 on plan sheet C- 101 and detail and notes on Sheet C-507. The project will be completed in the next several months. The Contractor shall coordinate

with the FBPS contractor to plan and schedule work so that there is no interference or delays in completion of the project.

- E. Question: In the CIPP specifications it states that a 5 year warranty is required. Is a bond required to be issued for the 5-year term or is this just a warranty issued by the contractor to fix any defects?

Response: A bond is not required for this warranty period.

- F. Question: During our site survey, we observed what appeared to be concrete poured atop the pipe with an opening of approximately 36" in each manhole. Is this the case in all manholes and how thick is the concrete?

Response: Refer to plan sheet C-510 for information on existing manhole construction.

- G. Question: Can a bid item / allowance be added to cover the cost of property access agreements / property rental?

Response: No.

- H. Question: At the time of our site visit, it looked as though pipe segment S148A006 may have been lined on the project that is currently under construction. Has this segment and/or any other segment(s) on this scope of work already been lined?

Response: S148A006 has been lined. Also, manholes S147D009 and S148001 have been rehabilitated. These items shall not be disturbed by the Contractor. No other segments or manholes on this project have been lined or rehabilitated. A revised Bid Form, with "Addendum 4" indicated in the header at the top left of each page, is included with this Addendum reflecting adjusted pay item quantities based on removing these items from the project.

- I. Question: In talking with the GC performing the construction / rehabilitation of the Friars Branch Pump Station, they are several months from completion. Will assistance be provided from the owner /engineer to coordinate the work between the two projects? Also, will additional time be added to the contract if there are delays that are related to conflicts between the two projects, as these are out of the contractor's control?

Response: Refer to Question D response.

- J. Question: If stone/rock is placed for access within the City's easement, may this remain in place after completion, or will it be required to be removed?

Response: It shall be removed.

-
- K. Question: Is the asphalt greenway City property, or is this private property? Will the City / Engineer help in coordination of accessing this property?

Response: See general note 24 on Sheet C-004.

- L. Question: It was noted that there are turns in the line that are outside of the manholes. Will the contractor be allowed to set manholes at inversions points of their choice?

Response: See table note 5 on sheet C-101. The Contractor may install new manholes at locations not indicated as New Manhole on the plans. All new manholes shall be installed in accordance with the plan details and specifications. See also question Q and response as well as the revised Paragraph 1.12 of Specification 01 22 00 shown below.

- M. Question: Due to the nature of this project and the lengths and diameters of the pipe, once a CIPP installation begins, it will require continuous, around-the-clock oversight, which could last for several days. Will the contractor be responsible to pay for inspector or inspector(s) overtime beyond 8 hours/day, or beyond 40 hours/week, or both? Please note this project cannot be performed during the allotted time only working 8 hours a day or 40 hours a week. Can the cost of inspector overtime be removed from the specifications? Or could an allowance be added?

Response: The Contractor is responsible to pay for inspection beyond 40 hours per week. This cost shall be an absorbed item.

- N. Question: The resin and materials must be manufactured to ISO 9001 Standards. Should the liner also be installed and wet out ISO 9001 Standards? Would this also include over-the-hole wet out?

Response: ISO 9001 requirements do not apply to installation.

- O. Are there any permits and/or property agreements that will be required in order to run the bypass discharge pipe along, in, and/or across the creek?

Response: Permits addressing this work are included in Appendix D, Volume 2, of the Project Manual.

- P. Question: The contractor will be required to access and clear areas on the cemetery property. Has the owner/engineer informed the property owner that this project is taking place and how it will impact them? Will the owner/engineer provide assistance to the contractor when dealing with this property, its owner and the required access?

Response: See general notes 12 and 13 on sheet C-0004.

Q. Question: Can the contractor install through existing structures versus replacement?

Response: Yes, the Contractor may elect to line through fabricated elbows instead of installing new manholes at each location identified in the table shown on sheets C-101 and C-102. For any manhole that is lined through, the existing manhole shall be rehabilitated in accordance with plan details and specifications. Any existing manhole that is vented shall require the following: Replace Existing Cone with Standard Riser and Flat Top with Vent Pipe to Include External Wrap and Internal Frame-Chimney Seal. A revised Bid Form, with "Addendum 4" indicated in the header at the top left of each page, is included with this Addendum reflecting modified pay items related to this change. Also, paragraph 1.12 of Section 01 22 00, Measurement and Payment, is changed as described below.

R. Question: It is requested that a detailed specification including minimum diameter be provided for each structure to be installed, specifically.

Response: Structure diameters will be dependent upon field verified pipe diameters and pipe deflection angles; minimum diameters are not provided. A revised sheet C-508 is included with this Addendum. The Cast-In-Place Manhole Base detail has been revised.

S. Question: For Section 33 01 30.73, Cured-In-Place Pipe, Paragraph 3.14 Final Acceptance, please define "minor" wrinkling.

Response: Minor wrinkling is defined as not more than 3% of the inside diameter of the host pipe.

T. Question: Is the method of crossing the creek with bypass piping, as described on the plans and in the specifications, acceptable?

Response: There is no change to the methods described on the plans and in the specifications, including the Contractor's ability to submit alternate methods for approval.

CHANGES, ADDITIONS, AND/OR DELETIONS

1. Sheet C-508 is replaced. The revised sheet has "Addendum 4" in the lower left of the page. The Cast-In-Place Manhole Base detail has been revised.
2. Replace the Bid Form with the revised Bid Form, with "Addendum 4" indicated in the header at the top left of each page. S148A006 has been lined and the quantity for this segment has been removed. Manholes S147D009 and S148001 have been rehabilitated, therefore, they shall not be included in the project as New Manholes. Pay Item 8 has been changed.

3. Paragraph 1.12 of Specification 01 22 00 is replaced with the following:

1.12 Concrete Manholes:

- A. The Contractor may select which of the manholes, called out as New Manholes on the plans, will be installed. New manholes shall be installed in accordance with the Specifications and Plan details and requirements. The remaining manholes shall be rehabilitated. Rehabilitation shall include:
 - 1) Replace Existing Frame and Cover with New Watertight Frame and Cover to Include Internal Frame-Chimney Seal.
 - 2) If any manhole that is to be rehabilitated has a vent pipe, the following is required: replace existing cone with standard riser and flat top with vent pipe to include external wrap and internal frame-chimney seal, in accordance with the plan detail, Flat Top Manhole, on sheet C-508.
 - 3) Type 1 Polymer Resin Based Lining in 4-Foot Diameter Manhole in accordance with the Specifications and plan detail.
- B. Measurement for manholes installed and rehabilitated in accordance with the above paragraph will be lump sum and shall include both new manholes and rehabilitation of remaining manholes (Pay Item 8a). Payment for this item will be based upon an approved Schedule of Values. The Contractor will be required to submit a Schedule of Values, for review and approval by the Engineer, for this lump sum pay item. The Schedule of Values will provide 1) a lump sum amount for each new manhole and 2) quantities and unit prices for rehabilitation items, in accordance with Pay Items 6a, 6b, and 7a. The unit prices for rehabilitation work in the Schedule of Values shall match the unit prices bid for Pay Items 6a, 6b, and 7a.
- C. If the Contractor elects to install manholes at locations other than those indicated on the plans as New Manholes, these will not be measured for separate payment and shall not be included in the lump sum price for Pay Item 8a or the Schedule of Values described in the paragraphs above.
- D. If the Contractor installs manhole S147D010 then the manhole and sewer piping described in Note 6 on Sheet C-101 and shown on sheet C-206 shall be installed. This cost for this work shall be included in the lump sum price for Pay Item 8a.
- E. Payment at lump sum price includes all work necessary to complete the installation of the new manholes on the existing sewer lines; including: excavation support systems, excavation dewatering, excavation, installation of new manholes either by pre-cast or cast-in-place base, bedding and backfill, installation of new manhole and all piping and pipe connections to existing pipes, to include lateral connections and associated manhole drop connection fittings and appurtenances, vent pipes, watertight frame and cover, construction of invert, application of Type 1 Polymer Resin Based lining system, abandonment of the existing manhole at the location, testing, and site restoration. Lump sum

pricing will also include manhole rehabilitation items, which will be subject to provisions of Section 1.10 and 1.11 of this specification section.

4. Replace the Wage Rate General Decision with the attached.

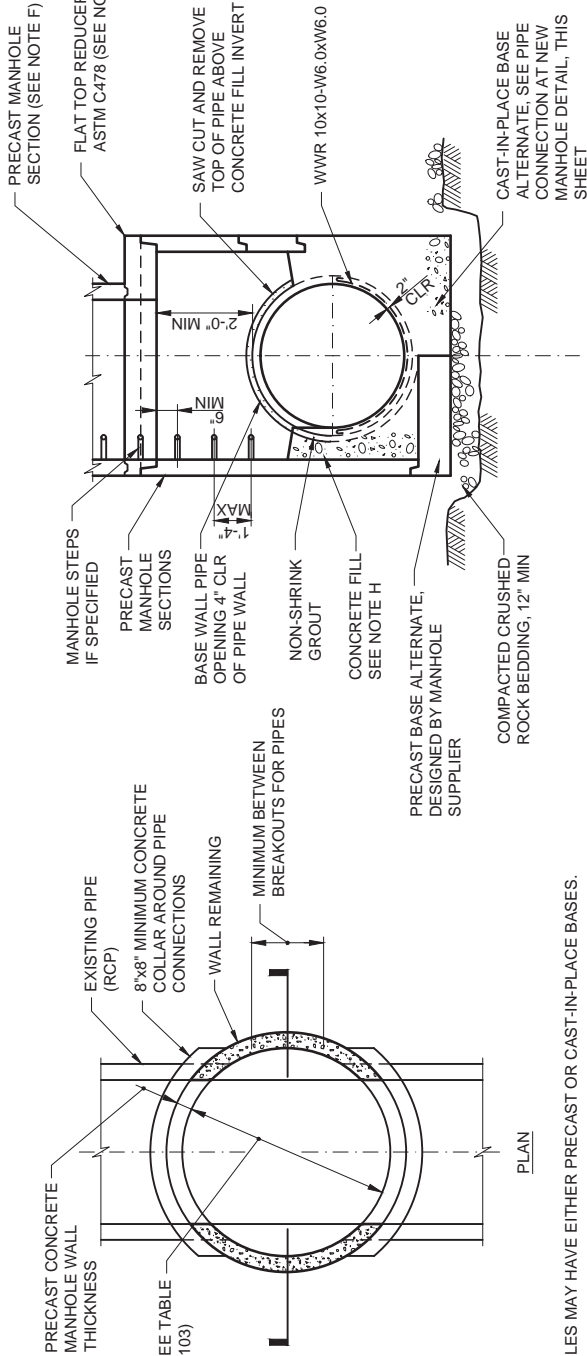
All Bidders shall acknowledge receipt and acceptance of this Addendum No. 3 in the Bid Form or by submitting the Addendum with the bid package. Bid Forms submitted without acknowledgment or without this Addendum will be considered in nonconformance.

END OF ADDENDUM

BASE ID.		60"	72"	84"	96"	108"	120"
CAST IN PLACE	DEPTH*	0' - 15'	0' - 15'	0' - 15'	0' - 15'	0' - 15'	0' - 15'
	Ts	7.0"	9.0"	10.0"	9.0"	11.0"	13.0"
	E BARS	#4@12"	#4@8"	#4@6"	#4@7"	#5@8"	#5@6"
F BARS	#4@12"	#4@8"	#4@6"	#4@8"	#4@7"	#5@8"	#5@6"

NTS

MANHOLE STRAP DETAIL



A. MANHOLES MAY HAVE EITHER PRECAST OR CAST-IN-PLACE BASES.

- C. LARGE MANHOLE BASES SHALL BE USED FOR PIPE SIZES LARGER THAN 24 INCHES. SEE TABLE

D. MINIMUM BASE INSIDE DIAMETER SHALL BE BASED ON THE NUMBER AND SIZE OF THE PIPES ENTERING THE MANHOLE, THE ELEVATION OF THE PIPES, AND THE MINIMUM SPACING BETWEEN THE PIPES.

E. IF PIPE IS NOT PLACED THROUGH MANHOLE BASE, INSTALL WIRE MESH REINFORCING AS FOLLOWS:

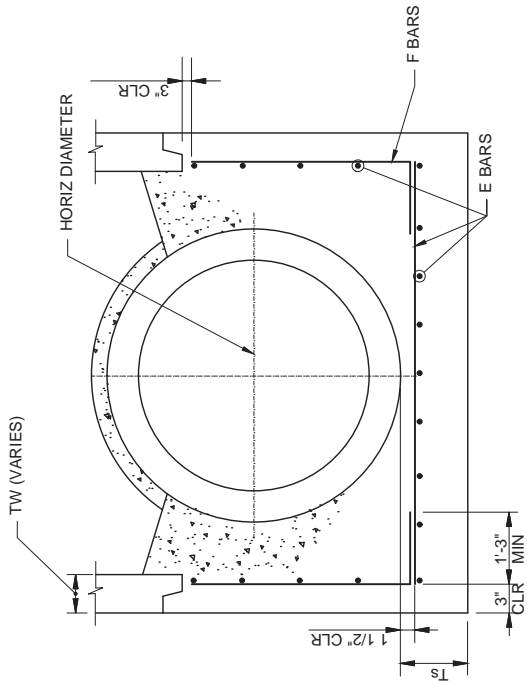
- b. FOR 42" OR LARGER PIPE, USE 6X6 - 10/10.

F CONTRACTOR TO DETERMINE RISER DIAMETER NEEDED FOR CIPP INSERTION

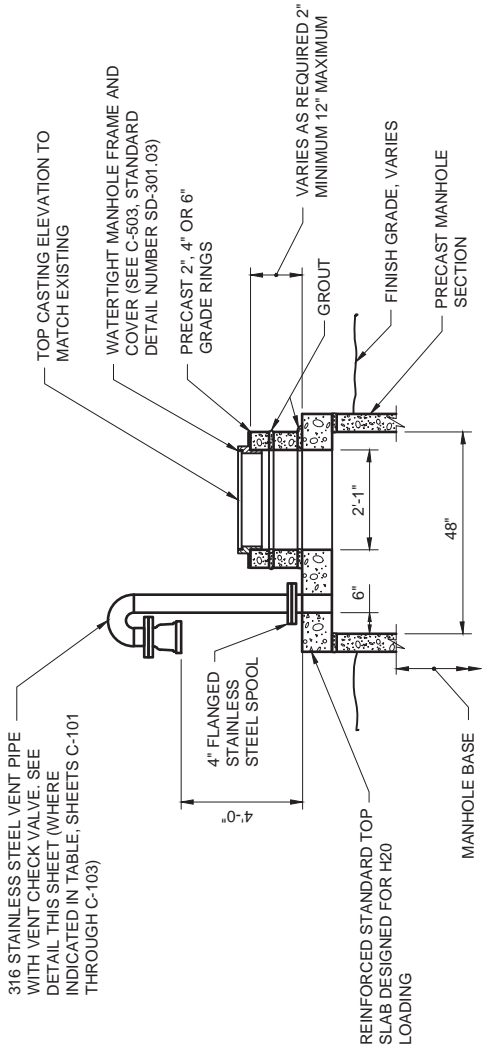
G. CONTRACTOR TO DETERMINE LOCATION OF TRANSITION SLAB(S). TRANSITION SLAB(S) SHALL BE A MINIMUM OF 2 FEET ABOVE CROWN OF PIPE AND NO LESS THAN 2 FEET BELOW FINISH GRADE. WHERE RISER SHALL TRANSITION TO 48 INCH DIAMETER PER FLAT TOP MANHOLE DETAIL THIS SHEET.

H. CONTRACTOR SHALL CONSTRUCT INVERT IN ACCORDANCE WITH THE DETAILS SHOWN ON SHEET C-502. FOR PIPES LARGER THAN 36 INCHES IN DIAMETER, THE VALUE FOR DIMENSION "H" SHOWN ON THE INVERT SECTION AND REFERENCED IN TABLE I SHALL BE CALCULATED AS 80 PERCENT OF THE PIPE DIAMETER

MANHOLE BASE SECTION - 27" TO 72" PIPE

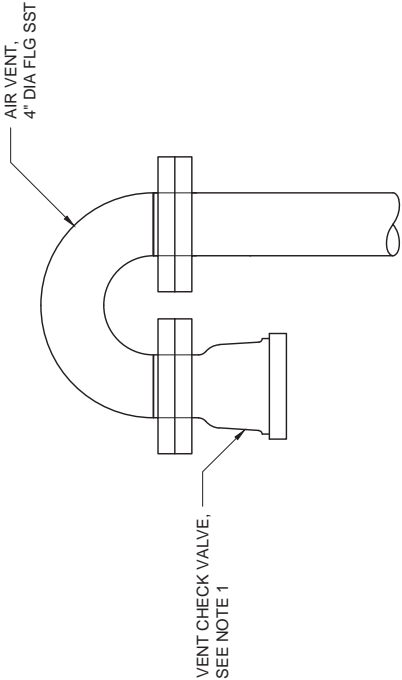


NTS



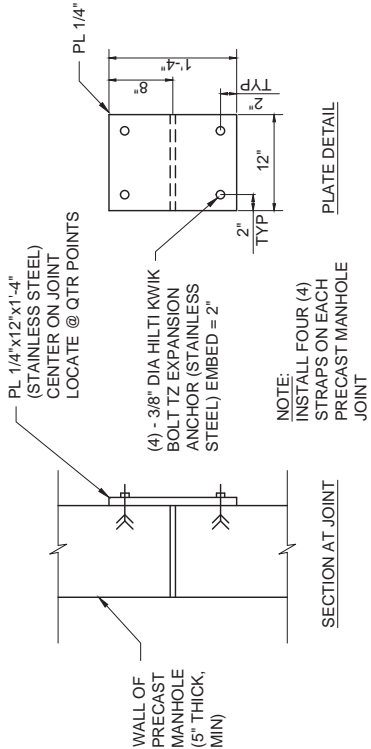
NOTE: ALL NEW MANHOLES LISTED IN TABLES ON C-101 - C-103 SHALL HAVE FLAT TOPS. WHERE EXISTING MANHOLES ARE VENTED, PROVIDE MANHOLE VENT IN ACCORDANCE WITH DETAILS THIS SHEET.

FLAT TOP MANHOLE



1. VENT CHECK VALVE SHALL HAVE A 316 SST BODY WITH A FLANGED CONN. SST MACHINED SEAL W/ POSITIVE SEAL. HIGH DENSITY POLYETHYLENE FLOAT AND CAP W/ 316 SST SCREEN BOLTED THROUGH CAP TO THE BODY USING 316 SST ANCHORS. MAX LEAKAGE OF 400 GALLONS PER DAY DURING SUBMERGENCE. MANUFACTURED BY WAGER COMPANY, 1700 SERIES OR APPROVED EQUAL.

MANHOLE VENT W/ CHECK VALVE

[illegible]

THIS LINE _____ IS ONE INCH
LONG WHEN PLOTTED FULL SCALE

THIS DRAWING MUST BE USED IN CONJUNCTION
WITH THE APPLICABLE OR GOVERNING TECHNICAL
SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.

DATE: FEBRUARY 2017

DISC. LEAD: J. PERRY	DESIGNER: JMR	CHECKER: C. NORRIS
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CIVIL

CONSTRUCTION DETAILS 8

C-508

**FRIARS BRANCH – SOUTH CHICKAMAUGA CREEK 5 INTERCEPTOR REHABILITATION
CONTRACT NUMBER W-15-002-201**

ARTICLE 1 – BID RECIPIENT

1.01 This Bid is submitted to:

City of Chattanooga, Tennessee
Purchasing Department
101 E. 11th Street, Suite G13
Chattanooga, Tennessee 37402

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 – BIDDER'S ACKNOWLEDGEMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for period of time after the Bid opening as stated in the Advertisement for Bids, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3 – BIDDER'S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, the other related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged.

<u>Addendum No.</u>	<u>Addendum Date</u>
_____	_____
_____	_____
_____	_____
_____	_____

B. Bidder has visited the Site and become familiar with and is satisfied as to the general, local and Site conditions that may affect cost, progress, and performance of the Work.

C. Bidder is familiar with and is satisfied as to all federal, state and local Laws and Regulations that may affect cost, progress and performance of the Work.

- D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site (except Underground Facilities) that have been identified in SC-4.02 as containing reliable "technical data," and (2) reports and drawings of Hazardous Environmental Conditions, if any, at the Site that have been identified in SC-4.06 as containing reliable "technical data."
- E. Bidder has considered the information known to Bidder; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents; and (3) Bidder's safety precautions and programs.
- F. Based on the information and observations referred to in Paragraph 3.01.E above, Bidder does not consider that further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price(s) bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution thereof by Engineer is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.
- J. Where this Bid Form contains the provision for a bid based on a lump sum price, the Bidder shall be responsible for having prepared its own estimate of the quantities necessary for the satisfactory completion of the Work specified in these Contract Documents and for having based the lump sum price bid on its estimate of quantities.

ARTICLE 4 – BIDDER'S CERTIFICATION

4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;

- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process;
 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
 4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

ARTICLE 5 – BASIS OF BID

- 5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

Item No.	Description	Estimated Qty.	Unit	Unit Price	Total Price
1.	Construction Site Access	1	LS	\$	\$
2.	42-Inch Sewer Cured-In-Place Rehabilitation				
a.	Pre-Installation Cleaning – Normal	1,966	LF	\$	\$
b.	Pre-Installation Cleaning - Heavy (add on, Ductile Iron)	320	LF	\$	\$
c.	Pre-Installation CCTV	1,966	LF	\$	\$
d.	Post-Installation CCTV	1,966	LF	\$	\$
e.	22.5 mm CIPP	1,509	LF	\$	\$
f.	27.0 mm CIPP	457	LF	\$	\$
g.	Bypass Pumping	1	LS	\$	\$
3.	60-Inch Sewer Cured-In-Place Rehabilitation				
a.	Pre-Installation Cleaning – Normal	3,340	LF	\$	\$
b.	Pre-Installation CCTV	3,340	LF	\$	\$
c.	Post-Installation CCTV	3,340	LF	\$	\$

Item No.	Description	Estimated Qty.	Unit	Unit Price	Total Price
d.	25.5 mm CIPP	1,297	LF	\$	\$
e.	30.0 mm CIPP	1,129	LF	\$	\$
f.	33.0 mm CIPP	455	LF	\$	\$
g.	40.5 mm CIPP	459	LF	\$	\$
h.	Bypass Pumping	1	LS	\$	\$
4.	66-Inch Sewer Cured-In-Place Rehabilitation				
a.	Pre-Installation Cleaning – Normal	2,597	LF	\$	\$
b.	Pre-Installation CCTV	2,597	LF	\$	\$
c.	Post-Installation CCTV	2,597	LF	\$	\$
d.	34.5 mm CIPP	447	LF	\$	\$
e.	36.0 mm CIPP	296	LF	\$	\$
f.	37.5 mm CIPP	891	LF	\$	\$
g.	40.5 mm CIPP	134	LF	\$	\$
h.	43.5 mm CIPP	361	LF	\$	\$
i.	45.0 mm CIPP	468	LF	\$	\$
j.	Bypass Pumping	1	LS	\$	\$
5.	72-Inch Sewer Cured-In-Place Rehabilitation				
a.	Pre-Installation Cleaning – Normal	1,355	LF	\$	\$
b.	Pre-Installation CCTV	1,355	LF	\$	\$
c.	Post-Installation CCTV	1,355	LF	\$	\$
d.	39.0 mm CIPP	191	LF	\$	\$
e.	40.5 mm CIPP	649	LF	\$	\$
f.	43.5 mm CIPP	442	LF	\$	\$
g.	49.5 mm CIPP	73	LF	\$	\$
h.	Bypass Pumping	1	LS	\$	\$

Item No.	Description	Estimated Qty.	Unit	Unit Price	Total Price
6.	Manholes - Surface Rehabilitation				
a.	Replace Existing Frame and Cover with New Watertight Frame and Cover to Include Internal Frame-Chimney Seal.	16	EA	\$	\$
b.	Replace Existing Cone with Standard Riser and Flat Top with Vent Pipe to Include External Wrap and Internal Frame-Chimney Seal.	6	EA	\$	\$
c.	Replace Existing Cone with Standard Riser and Flat Top to Include External Wrap and Internal Frame-Chimney Seal.	1	EA	\$	\$
7.	Manholes - Subsurface Rehabilitation				
a.	Type 1 Polymer Resin Based Lining in 4-Foot Diameter Manhole	175	VF	\$	\$
b.	Abandon Existing Manhole; N001, D002, D006, E003, E005.	5	EA	\$	\$
c.	Rehabilitate Junction Chamber 1; Structure S147D503 with Type 1 Polymer Resin Based Lining	1	LS	\$	\$
d.	Rehabilitate Junction Chamber 2; Structure S147M501 with Type 1 Polymer Resin Based Lining	1	LS	\$	\$
e.	Diversion Box Modifications	1	LS	\$	\$
8.	Concrete Manholes				
a.	Replace Existing Manholes Manholes to be Replaced (Contractor to indicate here the manhole names that will be replacedd):	1	LS	\$	\$
9.	Cash Allowances				
a.	Soil, Concrete, and Materials Testing	Allowance			\$ 10,000.00
b.	Cured In Place Pipe Testing Laboratory Services	Allowance			\$ 25,000.00
c.	Construction Verification Surveying	Allowance			\$10,000.00
*** ADDITIONAL WORK IF ORDERED BY THE ENGINEER OR OWNER ***					
10.	Removal of Unsuitable Material and Replacement with Crushed Stone	225	CY	\$	\$
11.	Removal of Unsuitable Material and Replacement with Common Earth Backfill	1000	CY	\$	\$

Item No.	Description	Estimated Qty.	Unit	Unit Price	Total Price
12.	Concrete Encasement	100	CY	\$	\$
13.	Point Repairs	Allowance			\$100,000

BID TOTAL, ITEMS 1 THROUGH 13, INCLUSIVE, THE AMOUNT OF _____

_____ DOLLARS (\$_____).

Unit Prices have been computed in accordance with Paragraph 11.03.B of the General Conditions.

Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

ARTICLE 6 – TIME OF COMPLETION

6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 14.07 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.

6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 – ATTACHMENTS TO THIS BID

7.01 The following documents are submitted with and made a condition of this Bid:

- A. Statement of Bidders Qualifications
- B. Affidavit of No Collusion by Prime Bidder
- C. Drug-Free Workplace Affidavit
- D. Iran Divestment Act Compliance Certification
- E. Attestation Regarding Personnel Used in Contract Performance
- F. Certification By Proposed Prime or Subcontractor Regarding Equal Employment Opportunity
- G. Certification Regarding Debarment, Suspension and Other Responsibility Matters

ARTICLE 8 – DEFINED TERMS

8.01 The terms used in this Bid with initial capital letters have the meanings stated in the

Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 – BID SUBMITTAL

9.01 This Bid submitted by:

An Individual

Name (typed or printed): _____

By: _____ (SEAL)
(Individual's signature)

Doing business as: _____

Attest: _____
(Notary)

Name (typed or printed): _____

A Partnership

Partnership Name: _____ (SEAL)

By: _____
(Signature of general partner – attach evidence of authority to sign)

Name (typed or printed): _____

Attest: _____
(Signature of another Partner)

Name (typed or printed): _____

A Corporation

Corporation Name: _____ (SEAL)

State of Incorporation: _____

Type (General Business, Professional, Service, Limited Liability): _____

By: _____
(Signature)

Name (typed or printed): _____

Title: _____
(CORPORATE SEAL)

Attest: _____
(Signature of Corporate Secretary)

Name (typed or printed): _____

Date of Qualification to do business in Tennessee is _____

A Joint Venture

Name of Joint Venturer: _____

First Joint Venturer Name: _____ (SEAL)

By: _____
(Signature of first joint venture partner)

Name (typed or printed): _____

Title: _____

Second Joint Venturer Name: _____ (SEAL)

By: _____
(Signature of second joint venture partner)

Name (typed or printed): _____

Title: _____

(Each joint venturer must sign. The manner of signing for each individual, partnership, and corporation that is a party to the joint venture should be in the manner indicated above.)

All Bidders shall complete the following:Bidder's Business address: _____

Phone: _____ Facsimile: _____

Primary Contact: _____

E-mail: _____

Submitted on _____, 201____.

State Contractor License No. _____.

This document was prepared in part from material (EJCDC C-410 Suggested Bid Form for Construction Contracts) which is copyrighted as indicated below:

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1420 King Street, Alexandria, VA 22314-2794
(703) 684-2882
www.nspe.org

American Council of Engineering Companies
1015 15th Street N.W., Washington, DC 20005
(202) 347-7474
www.acec.org

American Society of Civil Engineers
1801 Alexander Bell Drive, Reston, VA 20191-4400
(800) 548-2723
www.asce.org

Associated General Contractors of America
2300 Wilson Boulevard, Suite 400, Arlington, VA 22201-3308
(703) 548-3118
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General Decision Number: TN180146 01/05/2018 TN146

Superseded General Decision Number: TN20170146

State: Tennessee

Construction Type: Heavy
Including Water and Sewer Line Construction

Counties: Hamilton and Sequatchie Counties in Tennessee.

HEAVY CONSTRUCTION PROJECTS (including sewer/water construction).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.35 for calendar year 2018 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.35 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2018. The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/05/2018

ELEC0175-012 06/01/2016

Hamilton County

	Rates	Fringes
ELECTRICIAN.....	\$ 30.56	14.5%+6.65

ELEC0429-008 06/01/2017

Sequatchie County

	Rates	Fringes
Electrician.....	\$ 25.94	5%+11.25

* ENGI0917-022 05/01/2017

	Rates	Fringes
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Operating Engineers:

Bulldozer and Crane.....	\$ 28.26	10.10
Forklift.....	\$ 25.97	10.10

LABO0846-001 05/01/2017

	Rates	Fringes
LABORER: Common or General.....	\$ 15.20	5.65

SUTN2009-144 12/02/2009

	Rates	Fringes
LABORER: Flagger.....	\$ 8.73	0.00
LABORER: Pipelayer.....	\$ 11.68	0.00
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 16.82	0.00
OPERATOR: Loader.....	\$ 13.50	0.00
TRUCK DRIVER: Dump Truck.....	\$ 10.76	0.00

WELDERS - Receive rate prescribed for craft performing
operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage

determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current

negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION