### ADDENDUM NO. 3

### DOBBS BRANCH BASIN IMPROVEMENTS PHASE 2 City of Chattanooga Project W-17-020-201 Burns & McDonnell Project 111107

### CITY OF CHATTANOOGA, TENNESSEE

#### The following modifications are hereby introduced as part of the Contract Documents:

- 1) Section 00 11 16, first paragraph, last sentence:
  - a. Change "…local time, on January 23<sup>rd</sup>, 2020…" to "…local time, on January 30<sup>th</sup>, 2020…"
- 2) Delete Section 00 41 00 in its entirety and replace with Section 00 41 00 attached.

Note: Quantities for Item 15.b and 15.c were revised.

### END OF ADDENDUM NO. 3

January 23, 2020

/s/ Justin C. Holland, AdministratorCity of ChattanoogaDepartment of Public Works

Please acknowledge receipt of all addenda in your submitted Bid Form.

Only questions answered in writing by Addenda will be binding.

Addendum Prepared By BURNS & MCDONNELL January 23, 2020

### DOBBS BRANCH BASIN IMPROVEMENTS PHASE 2 CONTRACT NUMBER W-17-020-201

### **ARTICLE 1 – BID RECIPIENT**

1.01 This Bid is submitted to:

City of Chattanooga, Tennessee Purchasing Department 101 E. 11<sup>th</sup> 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.

Addendum No.	Addendum Date

- 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

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

ltem No.	Description	Estimated Qty.	Unit	Unit Price	Total Price
1.	Mobilization/Demobilization				
a.	Mobilization/Demobilization	1	LS	\$	\$
2.	8-Inch Sewer Cured-In-Place Rehabilitation				
a.	Pre-Installation Cleaning – Normal	67,000	LF	\$	\$
b.	Pre-Installation Cleaning - Heavy (add on)	7,000	LF	\$	\$
C.	6.0 mm CIPP	60,000	LF	\$	\$
d.	7.5 mm CIPP	7,000	LF	\$	\$
3.	10-Inch Sewer Cured-In-Place Rehabilitation				
a.	Pre-Installation Cleaning – Normal	7,700	LF	\$	\$
b.	Pre-Installation Cleaning - Heavy (add on)	1,000	LF	\$	\$
C.	6.0 mm CIPP	6,800	LF	\$	\$
d.	7.5 mm CIPP	1,000	LF	\$	\$
4.	12-Inch Sewer Cured-In-Place Rehabilitation				
a.	Pre-Installation Cleaning – Normal	3,500	LF	\$	\$
b.	Pre-Installation Cleaning - Heavy (add on)	500	LF	\$	\$
C.	7.5 mm CIPP	3,000	LF	\$	\$
d.	9.0 mm CIPP	500	LF	\$	\$
5.	15-Inch Sewer Cured-In-Place Rehabilitation				
a.	Pre-Installation Cleaning – Normal	2,000	LF	\$	\$
b.	Pre-Installation Cleaning - Heavy (add on)	250	LF	\$	\$
C.	7.5 mm CIPP	1,800	LF	\$	\$
d.	9.0 mm CIPP	250	LF	\$	\$
6.	18-Inch Sewer Cured-In-Place Rehabilitation				

ltem No.	Description	Estimated Qty.	Unit	Unit Price	Total Price
a.	Pre-Installation Cleaning – Normal	800	LF	\$	\$
b.	Pre-Installation Cleaning - Heavy (add on)	150	LF	\$	\$
C.	10.5 mm CIPP	500	LF	\$	\$
d.	12.0 mm CIPP	300	LF	\$	\$
7.	20-Inch Sewer Cured-In-Place Rehabilitation				
a.	Pre-Installation Cleaning – Normal	1,200	LF	\$	\$
b.	Pre-Installation Cleaning - Heavy (add on)	250	LF	\$	\$
C.	10.5 mm CIPP	1,200	LF	\$	\$
d.	12.0 mm CIPP	250	LF	\$	\$
8.	24-Inch Sewer Cured-In-Place Rehabilitation				
a.	Pre-Installation Cleaning – Normal	400	LF	\$	\$
b.	Pre-Installation Cleaning - Heavy (add on)	200	LF	\$	\$
C.	12.0 mm CIPP	100	LF	\$	\$
d.	13.5 mm CIPP	300	LF	\$	\$
e.	15.0 mm CIPP	100	LF	\$	\$
f.	16.5 mm CIPP	100	LF	\$	\$
9.	Service Lateral Rehabilitation				
a.	Service Lateral Reinstatement by Coring and Brushing on 8-Inch to 15-Inch Sewer	1,100	EA	\$	\$
b.	Service Lateral Reinstatement by Coring and Brushing on 18-Inch to 24-Inch Sewer	40	EA	\$	\$
10.	Same Trench Sewer Replacement				
a.	Remove Existing 6-Inch Diameter Sewer and Replace with 8-Inch Diameter PVC Pipe Sewer	150	LF	\$	\$
b.	Connect to Existing Manhole with 8-Inch Sewer	6	EA	\$	\$
11.	Sewer CCTV Inspection				
a.	Initial – 6-Inch Sewer	620	LF	\$	\$
b.	Pre-Installation - 6-Inch Sewer	450	LF	\$	\$
C.	Initial – 8-Inch Sewer	110,000	LF	\$	\$
d.	Pre-Installation - 8-Inch Sewer	67,000	LF	\$	\$

ltem No.	Description	Estimated Qty.	Unit	Unit Price	Total Price
e.	Post-Installation - 8-Inch Sewer	68,000	LF	\$	\$
f.	Initial – 10-Inch Sewer	11,100	LF	\$	\$
g.	Pre-Installation - 10-Inch Sewer	7,600	LF	\$	\$
h.	Post-Installation - 10-Inch Sewer	7,600	LF	\$	\$
i.	Initial – 12-Inch Sewer	4,700	LF	\$	\$
j.	Pre-Installation - 12-Inch Sewer	3,500	LF	\$	\$
k.	Post-Installation - 12-Inch Sewer	3,500	LF	\$	\$
I.	Initial – 15-Inch Sewer	2,000	LF	\$	\$
m.	Pre-Installation - 15-Inch Sewer	2,000	LF	\$	\$
n.	Post-Installation - 15-Inch Sewer	2,000	LF	\$	\$
0.	Initial – 18-Inch Sewer	1,000	LF	\$	\$
p.	Pre-Installation - 18-Inch Sewer	1,000	LF	\$	\$
q.	Post-Installation - 18-Inch Sewer	1,000	LF	\$	\$
r.	Initial – 20-Inch Sewer	2,000	LF	\$	\$
s.	Pre-Installation - 20-Inch Sewer	1,100	LF	\$	\$
t.	Post-Installation - 20-Inch Sewer	1,100	LF	\$	\$
u.	Initial – 24-Inch Sewer	2,000	LF	\$	\$
۷.	Pre-Installation - 24-Inch Sewer	500	LF	\$	\$
w.	Post-Installation - 24-Inch Sewer	500	LF	\$	\$
12.	Manhole Inspection				
a.	Initial Manhole Inspection	345	EA	\$	\$
13.	Manholes - Subsurface Rehabilitation				
a.	Cementitious Lining in 4-Foot Diameter Manhole	2,400	VF	\$	\$
14.	New Precast Concrete Manhole				
a.	4-Foot Diameter Base, including Frame and Cover	65	EA	\$	\$
b.	4-Foot Diameter Risers	90	VF	\$	\$
C.	Penetrations to Precast Manhole	65	EA	\$	\$
15.	Pavement Removal and Replacement				

ltem No.	Description	Estimated Qty.	Unit	Unit Price	Total Price
a.	Asphalt	60,000	SF	\$	\$
b.	Concrete	300	CY	\$	\$
C.	Flowable Fill (CLSM)	2,000	CY	\$	\$
16.	Dye-Water Testing				
a.	Testing for Cross Connections	32	EA	\$	\$
17.	Cash Allowances				
a.	Soil, Concrete and Materials Testing		Allowance		\$ 15,000.00
b.	Cured In Place Pipe Testing Laboratory Services		Allowance		\$ 100,000.00
C.	Construction Verification Surveying		Allowance		\$50,000.00
	*** ADDITIONAL WORK IF ORDERED BY THE ENGINEER ***				
18.	Point Repairs				
a.	In 8-Inch Sewer	42	EA	\$	\$
b.	In 10-Inch Sewer	11	EA	\$	\$
C.	In 12-Inch Sewer	7	EA	\$	\$
d.	In 15-Inch Sewer	7	EA	\$	\$
e.	In 18-Inch Sewer	7	EA	\$	\$
f.	In 20-Inch Sewer	7	EA	\$	\$
g.	In 24-Inch Sewer	7	EA	\$	\$
19.	Same Trench Sewer Replacement				
a.	Remove Existing 8-Inch Diameter Sewer and Replace with 8-Inch Diameter PVC Pipe Sewer	1,200	LF	\$	\$
b.	Remove Existing 10-Inch Diameter Sewer and Replace with 10-Inch Diameter PVC Pipe Sewer	500	LF	\$	\$
C.	Remove Existing 12-Inch Diameter Sewer and Replace with 12-Inch Diameter PVC Pipe Sewer	250	LF	\$	\$
d.	Remove Existing 15-Inch Diameter Sewer and Replace with 15-Inch Diameter PVC Pipe Sewer	250	LF	\$	\$
e.	Remove Existing 18-Inch Diameter Sewer and Replace with 18-Inch Diameter PVC Pipe Sewer	250	LF	\$	\$
f.	Remove Existing 20-Inch Diameter Sewer and Replace with 20-Inch Diameter PVC Pipe Sewer	200	LF	\$	\$
g.	Remove Existing 24-Inch Diameter Sewer and	100	LF	\$	\$

ltem No.	Description	Estimated Qty.	Unit	Unit Price	Total Price
	Replace with 24-Inch Diameter PVC Pipe Sewer				
h.	Connect to Existing Manhole with 8-Inch Sewer	5	EA	\$	\$
i.	Connect to Existing Manhole with 10-Inch Sewer	4	EA	\$	\$
j.	Connect to Existing Manhole with 12-Inch Sewer	2	EA	\$	\$
k.	Connect to Existing Manhole with 15-Inch Sewer	2	EA	\$	\$
I.	Connect to Existing Manhole with 18-Inch Sewer	2	EA	\$	\$
m.	Connect to Existing Manhole with 20-Inch Sewer	2	EA	\$	\$
n.	Connect to Existing Manhole with 24-Inch Sewer	2	EA	\$	\$
20.	Sewer Replacement by Pipe Bursting				
a.	Replace Existing 6-Inch Gravity Sewer with 8-Inch HDPE Pipe Sewer	100	LF	\$	\$
b.	Replace Existing 8-Inch Gravity Sewer with 8-Inch HDPE Pipe Sewer	1,200	LF	\$	\$
C.	Replace Existing 10-Inch Gravity Sewer with 10- Inch HDPE Pipe Sewer	500	LF	\$	\$
d.	Replace Existing 12-Inch Gravity Sewer with 12- Inch HDPE Pipe Sewer	250	LF	\$	\$
21.	Sewer CCTV Inspection				
a.	Pre-Installation Laterals	1,000	LF	\$	\$
b.	Post-Installation Laterals	1,000	LF	\$	\$
22.	Service Lateral Rehabilitation				
a.	6-Inch CIPP Lateral Lining (up to 25 feet)	250	EA	\$	\$
b.	6-Inch CIPP Lateral Lining Beyond First 25 Feet	1,000	LF	\$	\$
C.	Service Lateral Reinstatement with Electrofusion Saddle on 8-Inch to 15-Inch Sewer	8	EA	\$	\$
d.	Service Lateral Reinstatement with Electrofusion Saddle on 18-Inch to 24-Inch Sewer	4	EA	\$	\$
e.	Open Cut Replacement with 6-Inch PVC Pipe	6,000	LF	\$	\$
f.	New Clean-Out for Open Cut Replacement Laterals	4	EA	\$	\$
g.	Full Wrap Lateral Connection Liner	100	EA	\$	\$
h.	Open Cut Lateral Connection Repair	300	EA	\$	\$

ltem No.	Description	Estimated Qty.	Unit	Unit Price	Total Price
23.	Manholes - Surface Rehabilitation				
a.	Replace Existing Frame and Cover with New Standard Frame and Cover	90	EA	\$	\$
b.	Replace Existing Frame and Cover with New Watertight Frame and Cover	20	EA	\$	\$
c.	Chimney Seal – Wide Width (10-Inch)	120	EA	\$	\$
d.	Chimney Seal - Extra Wide Width (13-Inch)	40	EA	\$	\$
e.	Chimney Seal Extension (10-Inch)	40	EA	\$	\$
f.	Inflow Dish	60	EA	\$	\$
24.	Manholes - Subsurface Rehabilitation				
a.	Type 1 Polymer Lining in 4-Foot Diameter Manhole	240	VF	\$	\$
b.	Type 2 Polymer Lining in 4-Foot Diameter Manhole	40	VF	\$	\$
C.	Rebuild Bench and Invert in 4-Foot Diameter Manhole	60	EA	\$	\$
d.	Raise 4-Foot Diameter Manhole	40	EA	\$	\$
25.	Trench Stabilization				
a.	Crushed Stone	1,000	CY	\$	\$
b.	Filter Fabric	2,500	SF	\$	\$
26.	Remove Protruding Service Lateral				
a.	In 8-inch Pipe	45	EA	\$	\$
b.	In 10-inch Pipe	10	EA	\$	\$
C.	In 12-inch Pipe	5	EA	\$	\$
d.	In 15-inch Pipe	5	EA	\$	\$
e.	In 18-inch Pipe	5	EA	\$	\$
27.	Concrete Encasement	100	CY	\$	\$

BID TOTAL, ITEMS 1 THROUGH 27, 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.

A. SUPPLIERS/MANUFACTURERS: This Bid is based upon furnishing and installing major items of Equipment by the following Suppliers/manufacturers:

No.	ltem	Supplier/Manufacturer
1	CIPP Tube - Main Line	
2	CIPP Resin – Main Line	
3	CIPP Full Wrap Lateral Connection Repair Tube and Resin	
4	Manhole Frames and Covers	
5	Precast Concrete Manholes	
6	Manhole Cementitious Liner	
7	Manhole Chimney Seal	
8	Manhole Inflow Dish	

(Note: Where a manufacturer's name has been typed in the Bid Form, it signifies that there are no other acceptable manufacturers.)

B. SUBCONTRACTORS: This Bid is based upon use of the following Subcontractors (please indicate if work is to be self-performed):

<b>No.</b> 1	Trade Sewer Cleaning Operations	Subcontractor
2	Sewer Line CCTV Inspection	
3	Bypass Pumping	
4	CIPP Installation – Main Line	
5	CIPP Installation – Full Wrap Lateral Connection Repair and Lateral Lining Manhole Rehabilitation	
6	Manhole Lining	

7.	Traffic Control	
8.	Restoration and Seeding	
9.	Concrete	
10.	Asphalt	

### **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

ANIK		
9.01	This Bid submitted by:	
<u>An Inc</u>	dividual	
	Name (typed or printed):	
		EAL)
	By: (SI (Individual's signature) Doing business as:	_/ \_ /
	Attest:	
	(Notary) Name (typed or printed):	
<u>A Part</u>	tnership	
	Partnership Name: (SI	EAL)
	By: (Signature of general partner – attach evidence of authority to sign)	
	Name (typed or printed):	
	Attest:(Signature of another Partner)	
	Name (typed or printed):	
<u>A Cor</u>	poration	
	Corporation Name: (SI	EAL)
	State of Incorporation:	
	Type (General Business, Professional, Service, Limited Liability):	
	By:	
	<i>(Signature)</i> Name (typed or printed):	
	Title:	
	(CORPORATE SEAL)	
	Attest:	
	Date of Qualification to do business in Tennessee is	

## A Joint Venture

Name of Joint Venturer:	
First Joint Venturer Name:	(SEAL)
By:	
Name (typed or printed):	
Title:	
Second Joint Venturer Name:	(SEAL)
By:	
Name (typed or printed):	
Title:	
(Each joint venturer must sign. The manner of signing for each individual, partnership, an corporation that is a party to the joint venture should be in the manner indicated above.)	d

# 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:

Copyright © 2007 National Society of Professional Engineers 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 www.agc.org

The copyright for this EJCDC document is owned jointly by the four EJCDC sponsoring organizations and held in trust for their benefit by NSPE