



CITY OF COLUMBIA

DEPARTMENT OF PROCUREMENT AND CONTRACTS

**1800 MAIN STREET, COLUMBIA, SC 29201
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January 15, 2021

PROJECT: BID020-20-21-LAG - Lower Saluda River Relief Sewer and Pipe Rehabilitation (SS7428) CDBE

ADDENDUM No. 3

Contractors submitting a bid for the above named project shall take note of the following changes, additions, deletions, clarifications, etc. in the issuance of this addendum, which shall become a part of and have precedence over anything contrarily shown or described in the contract documents. All such shall be taken into consideration and be included in the contractor's bid Proposal.

Acknowledge receipt of this addendum by responding to the eBid system question. This addendum forms a part of the contract documents.

The attached noted items are corrections, additions or deletions to the contract documents, as noted:

- 1.) Attachment: **REVISED** Bid Form.**
- 2.) Construction Days Extended: Total of 580 completion days.**
- 3.) Revised manhole rim and invert elevations in response to Question #22 from Addendum #2. Revised information is highlighted in this addendum.**

Question 22.)

Section 02767 (Sanitary Sewer Flow Control) Part 3.01 C states "For complete bypass required for new construction and pipe rehabilitation, the bypass system shall be a sufficient capacity to handle full pipe capacity for the pipeline section being bypassed times 1.25". Can the engineer please quantify flow that meets this requirement for the segments of bypass called out on

Drawings 300-C-01, 02, & 03? Otherwise, can you propose how this capacity can be quantified without knowing the existing slope and pipe composition of the pipeline sections to be bypassed?

Answer: The Contractor is ultimately responsible for the design of the bypass system. Information on the flows from the minor 8” sewer lines into the interceptor sewer is not available. Rim and invert information for the existing system is shown on 000-C-11. Please add the following manhole information to the tables:

**MH18992: Rim =179.85, IE = 171.59
MH18679: Rim = 175.09, IE = 166.34
MH18704: Rim = 180.20, IE = 173.15
MH18776: Rim = 185.30, IE = 175.70
MH19032: Rim = 181.78, IE = 176.43**

The Owner conducted hydraulic modeling of the system in 2018 and the combined pipe capacities for the following segments are estimated.

**Saluda River PS to MH-A-10: 10.1 MGD
MH-A-11 to MH-A-43: 6.0 MGD
MH-A-44 to MH-A-76: 5.1 MGD**

This information is for reference only and does not alleviate the Contractor from the requirements of Section 02767.

Drawing 000-C-11. ADD the following manhole information to the tables:

**MH18992: Rim =179.85, IE = 171.59
MH18679: Rim = 175.09, IE = 166.34
MH18704: Rim = 180.20, IE = 173.15
MH18776: Rim = 185.30, IE = 175.70
MH19032: Rim = 181.78, IE = 176.43**

2. Reference the Bid Form, Bid Item B-20 and revise the Description of Scheduled Item to the following:

“6- to 8-foot Diameter Precast Concrete Manholes”

3. Reference the Bid Form, Bid Item B-21 and revise the Description of Scheduled Item to the following:

“4- to 5-foot Diameter Precast Concrete Manholes”

End of Addendum No. 3

REVISED BID FORM #1

BID020-20-21-LAG

Lower Saluda River Relief Sewer and Pipe Rehabilitation (SS7428) (CDBE)

Item	Description	Qty.	Unit	Unit Price	Amount
Part A Miscellaneous Work					
A-1	Mobilization/Demobilization and Related Expenses (no greater than 5% of total Bid, excluding this item)	1	LS	\$ _____	\$ _____
A-2	Maintenance and Protection of Traffic (Section 01570)	1	LS	\$ _____	\$ _____
A-3	Clearing and Grubbing (Section 02100)	81,600	SY	\$ _____	\$ _____
A-4	Dewatering and Drainage (Section 02140)	1	LS	\$ _____	\$ _____
A-5	Erosion and Sedimentation Control (Section 02270); including Stream Crossings and Restoration	1	LS	\$ _____	\$ _____
A-6	Over Excavation of Unsuitable Soils and Refill (Section 02221)	2,000	CY	\$ _____	\$ _____
A-7	Abandonment of Existing Utilities (Section 01046)	8,500	LF	\$ _____	\$ _____
A-8	Rock and Boulder Excavation (Section 02210)	500	CY	\$ _____	\$ _____
A-9	Remove and Replace Asphalt Paving In Non-DOT Streets (Section 02571)	500	SY	\$ _____	\$ _____
A-10	Remove and Replace Gravel Pavement (Section 02200)	2,700	SY	\$ _____	\$ _____
A-11	Remove and Replace 8-Foot Wide Concrete Sidewalk (Section 02515)	8,000	SY	\$ _____	\$ _____
A-12	Bypass Pumping	1	LS	\$ _____	\$ _____
Part A Miscellaneous Work (Subtotal)					\$ _____
PART B Sewer Pipe Manhole & Appurtenances					
B-1	42-inch Gravity Sewer pipe Installed in Steel casing	140	LF	\$ _____	\$ _____
B-2	42-inch Gravity Sewer pipe (18' to 20' deep) including excavation, backfill, and compaction	295	LF	\$ _____	\$ _____
B-3	42-inch Gravity Sewer pipe (20' to 22' deep) including excavation, backfill, and compaction	698	LF	\$ _____	\$ _____
B-4	42-inch Gravity Sewer pipe (22' to 24' deep) including excavation, backfill, and compaction	876	LF	\$ _____	\$ _____

B-5	42-inch Gravity Sewer pipe (24' to 26' deep) including excavation, backfill, and compaction	104	LF	\$ _____	\$ _____
B-6	36-inch Gravity Sewer pipe Installed in Steel casing	435	LF	\$ _____	\$ _____
B-7	36-inch Gravity Sewer pipe (0' to 6' deep) including excavation, backfill, and compaction	100	LF	\$ _____	\$ _____
B-8	36-inch Gravity Sewer pipe (6' to 8' deep) including excavation, backfill, and compaction	1,204	LF	\$ _____	\$ _____
B-9	36-inch Gravity Sewer pipe (8' to 10' deep) including excavation, backfill, and compaction	2,039	LF	\$ _____	\$ _____
B-10	36-inch Gravity Sewer pipe (10' to 12' deep) including excavation, backfill, and compaction	1,263	LF	\$ _____	\$ _____
B-11	36-inch Gravity Sewer pipe (12' to 14' deep) including excavation, backfill, and compaction	2,638	LF	\$ _____	\$ _____
B-12	36-inch Gravity Sewer pipe (14' to 16' deep) including excavation, backfill, and compaction	2,256	LF	\$ _____	\$ _____
B-13	36-inch Gravity Sewer pipe (16' to 18' deep) including excavation, backfill, and compaction	4,084	LF	\$ _____	\$ _____
B-14	36-inch Gravity Sewer pipe (18' to 20' deep) including excavation, backfill, and compaction	1,390	LF	\$ _____	\$ _____
B-15	36-inch Gravity Sewer pipe (20' to 22' deep) including excavation, backfill, and compaction	125	LF	\$ _____	\$ _____
B-16	36-inch Gravity Sewer pipe (22' to 24' deep) including excavation, backfill, and compaction	233	LF	\$ _____	\$ _____
B-17	8-inch DIP Gravity Sewer Pipe (6' to 14' deep) including excavation, backfill, and compaction	135	LF	\$ _____	\$ _____
B-18	Jack and Bore 54" Steel Casing	140	LF	\$ _____	\$ _____
B-19	Jack and Bore 48" Steel Casing	355	LF	\$ _____	\$ _____
B-20	6 to 8-Foot Diameter Precast Concrete Manholes	1,589	VF	\$ _____	\$ _____
B-21	4 to 5-Foot Diameter Precast Concrete Manholes	21	VF	\$ _____	\$ _____
B-22	Manhole Drop Connections	19	VF	\$ _____	\$ _____
B-23	Precast Concrete Diversion Structure	2	EA	\$ _____	\$ _____

Part B - Sewer Pipe, Manhole and Appurtenances (Subtotal) \$ _____					
Part C – Manhole, Pipe Rehabilitation					
C-1	Cured-in-Place Pipe 30-inch Sewer (Manhole to Manhole), All Depths (Section 02765)	1,038	LF	\$ _____	\$ _____
C-2	Cured-in-Place Pipe 36-inch Sewer (Manhole to Manhole), All Depths (Section 02765)	655	LF	\$ _____	\$ _____
C-3	Replace 27-inch Diameter Pipe with 36-inch HDPE Pipe via Pipe Bursting	1,365	LF	\$ _____	\$ _____
C-4	Raise Existing Manholes	32	EA	\$ _____	\$ _____
C-5	Pre-Rehabilitation CCTV	3,085	LF	\$ _____	\$ _____
C-6	Mechanical Heavy Cleaning	600	LF	\$ _____	\$ _____
C-7	Sewer Manhole Monolithic Lining	673	VF	\$ _____	\$ _____
C-8	Bench and Invert Repair	14	EA	\$ _____	\$ _____
C-9	Replace Frame and Cover	1	EA	\$ _____	\$ _____
Part C – Manhole and Pipe Rehabilitation (Subtotal) \$ _____					
PART A – Miscellaneous Work (Items A-1 through A-12)					\$ _____
PART B – Sewer Pipe, Manholes and Appurtenances (Items B-1 through B-23)					\$ _____
PART C – Manhole and Pipe Rehabilitation (Items C-1 through C-9)					\$ _____
This total must be submitted to https://columbiasc.ionwave.net and on Page 5 of this document.				TOTAL BID	\$ _____

_____ DOLLARS

_____ CENTS

(Indicate the Sum Total of Bid Proposal Amount in both figures and words. In case of discrepancy, the amount shown in words will govern.)

*The estimated quantities contained in the proposal are for the purpose of comparing bids. These quantities are not guaranteed and payment will be made on the basis of the work as actually executed at the unit price in the proposal as accepted.

<u>UNIT KEY</u>	
SY = Square Yards	CY = Cubic Yards
EA = Each	LF = Linear Feet
LS = Lump Sum	VF= Vertical Feet

The undersigned proposes and agrees to begin work on a date to be specified in a written order from the City and to substantially complete the amount of work herein contemplated within **five hundred fifteen (515)** consecutive calendar days from the said date of commencement as defined in the Notice to Proceed (NTP) and to fully complete the amount of work herein contemplated within an additional **sixty-five (65)** consecutive calendar days for a total construction time of **five hundred eighty (580)** consecutive calendar days from the said date of commencement as defined in the Notice to Proceed (NTP).

Owner and Contractor recognize that time is of the essence of this Contract and that Owner will suffer financial loss if the Work is not completed within the Contract Time (and specific milestones) specified in Article 3 above, plus any extensions thereof allowed. They also recognize the delays, expense and difficulties involved in proving, in a legal proceeding, the actual loss suffered by Owner if the Work is not completed on time. Accordingly, instead of requiring any such proof, Owner and Contractor agree that as liquidated damages for delay (but not as a penalty) Contractor shall pay Owner **One Thousand Dollars and Zero Cents (\$1,000.00)** per day for each calendar day of delay beyond the date set for substantial completion and **Five Hundred Dollars and Zero Cents (\$500.00)** per day for each calendar day of delay beyond the date set for final completion until the Work is complete.

The bidder hereby agrees to enter into a contract to begin and complete said work according to plans, specifications and all the terms and conditions of the advertisement, instructions to bidders, and of the proposal, and within ten (10) days from the date of acceptance of this proposal. The bidder will also furnish bonds and insurance, as required by the contract.

Attached hereto is a bid bond **or** certified check for the sum of 5% _____ (\$ _____) Dollars payable to The City of Columbia. The check shall be held by the City (1) until the successful bidder shall have executed, as required, the contract and bond, and (2) in the event that the contract is awarded to the undersigned and he shall fail to execute, as required, the contract and bond, then the said check shall be retained as and for liquidated damages for such failures, otherwise the said check shall be returned to the undersigned.

The undersigned hereby agrees that the City has the right to reject any or all bids and the undersigned shall not dispute the quantities used in preparing the bids.

Respectfully submitted,

SEAL
(if bid is by a Corporation)

Signature of Person, Firm or Corporation
Making Bid

Title

Business Address

SC Contractor's License No.: _____