



# **CITY OF COLUMBIA**

**DEPARTMENT OF PROCUREMENT AND CONTRACTS**

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**January 20, 2021**

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

## **ADDENDUM No. 5**

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.**

**2. Bid Opening Extended to January 26, 2021 at 10:00 A.M. EST.**

**3. Modify the Contract Documents as follows:**

- **Section 02200**

**2.01.D. DELETE the paragraph and ADD the following:**

**D. TYPE D – GRANULAR MATERIAL:**

Type D material shall be free-draining granular material or commonly known as #57 stone and shall conform to the following graduation.

U.S. Standard Sieve Size	Percent by Weight Passing
1 – 1/2 inch	100
1 – inch	90-100
1/2 – inch	25-60
No.4	0-10
No. 8	0-5

- Drawing Sheet 000-C-03

**ADD the following:**

**NOTE: FOR DIP GRAVITY PIPE WITH FLEXIBLE INTERIOR LINING, CLASS “C” BEDDING IS PERMITTED FOR UP TO 16’ OF COVER, AND CLASS “B” IS PERMITTED FOR UP TO 32’ OF COVER.**

- Drawing Sheet 100-C-10

**Area C-2 (plan view) and A-2 (profile view) of the sheet; REVISE the call-out for steel casing from 54” to 48”.**

**REVISED BID FORM #2**

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

Item	Description	Qty.	Unit	Unit Price	Amount
<b>Part A Miscellaneous Work</b>					
A-1	Maintenance and Protection of Traffic (Section 01570)	1	LS	\$ _____	\$ _____
A-2	Clearing and Grubbing (Section 02100)	81,600	SY	\$ _____	\$ _____
A-3	Dewatering and Drainage (Section 02140)	1	LS	\$ _____	\$ _____
A-4	Erosion and Sedimentation Control (Section 02270); including Stream Crossings and Restoration	1	LS	\$ _____	\$ _____
A-5	Over Excavation of Unsuitable Soils and Refill (Section 02221)	2,000	CY	\$ _____	\$ _____
A-6	Abandonment of Existing Utilities (Section 01046)	8,500	LF	\$ _____	\$ _____
A-7	Rock and Boulder Excavation (Section 02210)	500	CY	\$ _____	\$ _____
A-8	Remove and Replace Asphalt Paving In Non-DOT Streets (Section 02571)	500	SY	\$ _____	\$ _____
A-9	Remove and Replace Gravel Pavement (Section 02200)	2,700	SY	\$ _____	\$ _____
A-10	Remove and Replace 8-Foot Wide Concrete Sidewalk (Section 02515)	8,000	SY	\$ _____	\$ _____
A-11	Bypass Pumping	1	LS	\$ _____	\$ _____
<b>Part A Miscellaneous Work (Subtotal)</b>					\$ _____
<b>PART B Sewer Pipe Manhole &amp; Appurtenances</b>					
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	435	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	\$ _____	\$ _____
<b>Part B - Sewer Pipe, Manhole and Appurtenances (Subtotal)</b>					<b>\$ _____</b>

<b>Part C – Manhole, Pipe Rehabilitation</b>					
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	\$ _____	\$ _____
<b>Part C – Manhole and Pipe Rehabilitation (Subtotal)</b>					\$ _____
<b>SUBTOTAL for Part A + Part B + Part C</b>					\$ _____
<b>Mobilization/Demobilization (Not to exceed 5% of total bid per Specification 15.57.2)</b>					\$ _____
<b>This total must be submitted to <a href="https://columbiasc.ionwave.net">https://columbiasc.ionwave.net</a> and on Page 5 of this document.</b>				<b>TOTAL BID</b>	\$ _____

\_\_\_\_\_ 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 bid form 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 bid response as accepted.

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