

5.a. BIDDER will complete the work for the following Price(s) :

CMSD 32: Sanitary Sewer Collection System Rehabilitation and Repair

Table A: Unit Prices for CIPP on Gravity Lines

Item Number	Pipe Diameter (inches)	Minimum Finished Mill Liner Thickness ⁴ (mm)	Cost per Linear Foot for CIPP at Minimum Liner Thickness		
			Authorization of 1,000 linear feet or less	Authorization under 2,500 linear feet but over 1,000 linear feet	Authorization of 2,500 linear feet or more
			(\$/Linear Foot)	(\$/Linear Foot)	(\$/Linear Foot)
A-1	8	6.0	\$45.00	\$30.00	\$27.85
A-2	10	6.0	48.00	35.00	29.75
A-3	12	6.0	58.00	40.00	32.50
A-4	15	7.5	90.00	62.50	45.00
A-5	18	9.0	145.00	80.00	65.00
A-6	21	9.0	170.00	92.00	70.00
A-7	24	10.5	215.00	105.50	85.00
A-8	30	12.0	240.00	150.00	87.00
A-9	36	12.0	280.00	170.00	90.00
A-10	42	15.0	370.00	260.00	220.00
A-11	48	16.5	445.00	285.00	255.00
A-12	54	21.0	580.00	525.00	315.00
A-13	60	24.0	740.00	510.00	415.00
A-14	66	30.0	875.00	590.00	500.00
A-15	72	37.5	1,145.00	795.00	655.00

- \$0.00 Dollar Deduction per linear foot for Annual Total Dollars Spent over \$250,000 but less than or equal to \$500,000⁵
- \$0.00 Dollar Deduction per linear foot for Annual Total Dollars Spent over \$500,000 but less than or equal to \$1,000,000⁵
- \$5.00 Dollar Deduction per linear foot for Annual Total Dollars Spent over \$1,000,000 but less than or equal to \$2,000,000⁵
- \$5.00 Dollar Deduction per linear foot for Annual Total Dollars Spent over \$2,000,000 but less than or equal to \$3,000,000⁵

NOTES:

- 1 All by-pass pumping to be included in the price per linear foot for pipe diameters up to and including 24". Bypass pumping includes plugging of pipe to be rehabilitated.
- 2 All pricing will include opening of all active service connections.
- 3 Refer to Modifications to Detailed Specifications, Section 1000, Part 1.30, "Measurement and Payment", for items to be included in the unit pricing, including but not limited to, CCTV inspection.
- 4 Provide a unit cost for the minimum liner thickness allowed for a given pipe diameter (indicated in the second column). Thicknesses will vary depending on actual field conditions and are to be designed based on the parameters provided in Section 2537 of the Detailed Specifications: CONSTRUCTION AND MATERIAL SPECIFICATIONS FOR SANITARY SEWERS.
- 5 Dollar deductions will be applied to individual Authorizations based on actual annual cumulative dollars spent to date on Mainline CIPP lining. Deductions will apply to an entire Authorization amount. (Example: If the first annual Authorization for Mainline CIPP Lining issued totals \$600,000, the dollar deduction per linear foot would be Annual Total Dollars Spent over \$500,000 but less than or equal to \$1,000,000 and this would apply to the entire Authorization.) The "Annual Total Dollars Spent" will be determined based on the contract year starting on the Agreement date on A-1. Bidder is required to fill in a deduction amount for each of the four categories.

5.b. BIDDER will complete the work for the following Price(s) :

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Table B: Unit Price Additions for Additional CIPP Thickness on Gravity Lines

Item Number	Pipe Diameter (inches)	Minimum Finished Mill Liner Thickness (mm)	Additional Cost per Linear Foot for Every 1.5 mm of Liner Thickness above the Minimum ⁵		
			Authorization of 1,000 linear feet or less	Authorization under 2,500 linear feet but over 1,000 linear feet	Authorization of 2,500 linear feet or more
			Additional \$/Linear Foot/1.5 mm Thickness Over Minimum	Additional \$/Linear Foot/1.5 mm Thickness Over Minimum	Additional \$/Linear Foot/1.5 mm Thickness Over Minimum
B-1	8	6.0	\$2.25	\$2.25	\$2.25
B-2	10	6.0	2.50	2.50	2.50
B-3	12	6.0	3.00	3.00	3.00
B-4	15	7.5	6.50	6.50	6.50
B-5	18	9.0	8.25	8.25	8.25
B-6	21	9.0	10.00	10.00	10.00
B-7	24	10.5	15.00	15.00	15.00
B-8	30	12.0	20.00	20.00	20.00
B-9	36	12.0	22.00	22.00	22.00
B-10	42	15.0	24.00	24.00	24.00
B-11	48	16.5	27.00	27.00	27.00
B-12	54	21.0	30.00	30.00	30.00
B-13	60	24.0	34.00	34.00	34.00
B-14	66	30.0	38.00	38.00	38.00
B-15	72	37.5	45.00	45.00	45.00

NOTES:

- 1 All by-pass pumping to be included in the price per linear foot for pipe diameters up to and including 24". Bypass pumping includes plugging of pipe to be rehabilitated.
- 2 All pricing will include opening of all active service connections.
- 3 Contractor will have a 24-hour emergency response time for which the above pricing shall be good for such occasions. Twenty-four hour emergency response is defined as responding to the situation identified by the Owner and correcting the immediate danger to the public or the environment. Work could include construction work or set-up of bypass pumping to eliminate discharge from the sanitary sewer system. Work that is not an immediate danger to the public or environment can be completed beyond the 24-hour timeframe.
- 4 Refer to Modifications to Detailed Specifications, Section 1000, Part 1.30, "Measurement and Payment", for items to be included in the unit pricing, including but not limited to, CCTV inspection.
- 5 Example: 8-inch pipe has a minimum liner thickness of 6 mm. The unit cost for a 6 mm liner shall be entered in Table A. If the method of determining liner thickness described in Section 2537 of the Detailed Specifications shows a thicker liner is required, it shall be rounded up in units of 1.5 mm above the minimum. For example, an 8-inch lines liner thickness could be 6mm, 7.5mm, 9mm, 10.5mm, 12mm, etc. The additional cost of the 1.5 mm thicker liner shall be entered in Table B. For example, if the 8-inch line required a 8.5 mm liner, it should be rounded up to the nearest 1.5 mm over the 6 mm, (9mm) and the unit cost in Table A would be used plus two times the unit cost entered in Table B.

5.e. BIDDER will complete the work for the following Price(s) :

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Table E: Manhole Lining – Unit Prices

Item No.	Description	Units	Estimated Authorization Quantity Range ²		
			0.1 to 50.0 Vertical Feet	50.1 to 200.0 Vertical Feet	200.1 to 500.0 Vertical Feet
E-1a	Install Cementitious Liner (48-Inch Dia.)	Vertical Feet	\$ 150.00	\$ 145.00	\$ 140.00
E-1b	Install Cementitious Liner (60-Inch Dia.)	Vertical Feet	\$ 205.00	\$ 195.00	\$ 190.00
E-1c	Install Cementitious Liner (72-Inch Dia.)	Vertical Feet	\$ 240.00	\$ 240.00	\$ 220.00
E-2a	Install Epoxy Liner (48-Inch Dia.)	Vertical Feet	\$ 280.00	\$ 270.00	\$ 255.00
E-2b	Install Epoxy Liner (60-Inch Dia.)	Vertical Feet	\$ 380.00	\$ 365.00	\$ 350.00
E-2c	Install Epoxy Liner (72-Inch Dia.)	Vertical Feet	\$ 455.00	\$ 435.00	\$ 420.00
E-3a	Install Epoxy Liner in New Manhole (48-Inch Dia.)	Vertical Feet	\$ 285.00	\$ 275.00	\$ 265.00
E-3b	Install Epoxy Liner in New Manhole (60-Inch Dia.)	Vertical Feet	\$ 365.00	\$ 350.00	\$ 330.00
E-3c	Install Epoxy Liner in New Manhole (72-Inch Dia.)	Vertical Feet	\$ 430.00	\$ 415.00	\$ 400.00
E-4a	Install Cementitious and Epoxy Liners (48-Inch Dia.)	Vertical Feet	\$ 465.00	\$ 450.00	\$ 430.00
E-4b	Install Cementitious and Epoxy Liners (60-Inch Dia.)	Vertical Feet	\$ 585.00	\$ 560.00	\$ 540.00
E-4c	Install Cementitious and Epoxy Liners (72-Inch Dia.)	Vertical Feet	\$ 700.00	\$ 670.00	\$ 640.00

NOTES:

1 Refer to Modifications to Detailed Specifications, Section 1000, Part 1.30, "Measurement and Payment", for items to be included in the unit pricing

2 Indicates total vertical feet of manholes to be rehabilitated in a given authorization. Example: 30 VF of 48-inch and 40 VF of 60-inch require lining in a single authorization. Total VF = 70. Both 48-inch and 60-inch unit prices would come from the 51-200 VF column, since the authorization total is 70 VF.