

SECTION 01 11 00

SUMMARY OF WORK

PART 1 GENERAL

1.1 WORK COVERED BY CONTRACT DOCUMENTS

- A. Bid Item No. 1 – MH 2: Repair and Rehabilitation
 - 1. Manhole Information
 - a. Type: Brick
 - b. Diameter: 48 inches
 - c. Height: 9.5 vertical linear feet, plus or minus 1 foot
 - 2. Work to be Performed
 - a. Rehabilitate manhole using cementitious manhole lining
 - b. Replace manhole frame and cover
 - c. Provide and install flexible chimney seal
 - d. Perform all required bypass pumping and flow control
 - e. Perform all required site restoration
 - f. Perform all additional work referenced in the Contract Documents required to completely perform the Work

- B. Bid Item No. 2 – MH 72: Repair and Rehabilitation
 - 1. Manhole Information
 - a. Type: Brick
 - b. Diameter: 48 inches
 - c. Height: 8.6 vertical linear feet, plus or minus 1 foot
 - 2. Work to be Performed
 - a. Rehabilitate manhole using cementitious manhole lining
 - b. Replace manhole frame and cover
 - c. Raise manhole frame and cover to grade
 - d. Provide and install flexible chimney seal
 - e. Perform all required bypass pumping and flow control
 - f. Perform all required site restoration
 - g. Perform all additional work referenced in the Contract Documents required to completely perform the Work

- C. Bid Item No. 3 – MH 93: Repair and Rehabilitation
 - 1. Manhole Information
 - a. Type: Brick
 - b. Diameter: 48 inches
 - c. Height: 10.6 vertical linear feet, plus or minus 1 foot
 - 2. Work to be Performed
 - a. Rehabilitate manhole using cementitious manhole lining
 - b. Replace manhole frame and cover

- c. Raise manhole frame and cover to grade
 - d. Provide and install flexible chimney seal
 - e. Perform all required bypass pumping and flow control
 - f. Perform all required site restoration
 - g. Perform all additional work referenced in the Contract Documents required to completely perform the Work
- D. Bid Item No. 4 – MH 102: Repair and Rehabilitation
- 1. Manhole Information
 - a. Type: Brick
 - b. Diameter: 48 inches
 - c. Height: 9.5 vertical linear feet, plus or minus 1 foot
 - 2. Work to be Performed
 - a. Rehabilitate manhole using cementitious manhole lining
 - b. Replace manhole frame and cover
 - c. Raise manhole frame and cover to grade
 - d. Provide and install flexible chimney seal
 - e. Perform all required bypass pumping and flow control
 - f. Perform all required site restoration
 - g. Perform all additional work referenced in the Contract Documents required to completely perform the Work
- E. Bid Item No. 5 – MH 143: Repair and Rehabilitation
- 1. Manhole Information
 - a. Type: Brick
 - b. Diameter: 48 inches
 - c. Height: 6.8 vertical linear feet, plus or minus 1 foot
 - 2. Work to be Performed
 - a. Rehabilitate manhole using cementitious manhole lining
 - b. Replace manhole frame and cover
 - c. Provide and install flexible chimney seal
 - d. Perform all required bypass pumping and flow control
 - e. Perform all required site restoration
 - f. Perform all additional work referenced in the Contract Documents required to completely perform the Work
- F. Bid Item No. 6 – MH 70: Repair and Rehabilitation
- 1. Manhole Information
 - a. Type: Brick
 - b. Diameter: 48 inches
 - c. Height: 10.9 vertical linear feet, plus or minus 1 foot
 - 2. Work to be Performed
 - a. Rehabilitate manhole using cementitious manhole lining
 - b. Replace manhole frame and cover
 - c. Provide and install flexible chimney seal
 - d. Perform all required bypass pumping and flow control

- e. Perform all required site restoration
 - f. Perform all additional work referenced in the Contract Documents required to completely perform the Work
- G. Bid Item No. 7 – MH 81: Repair
- 1. Manhole Information
 - a. Type: Brick
 - b. Diameter: 48 inches
 - c. Height: 9.4 vertical linear feet, plus or minus 1 foot
 - 2. Work to be Performed
 - a. Replace flexible chimney seal
 - b. Perform all required bypass pumping and flow control
 - c. Perform all required site restoration
 - d. Perform all additional work referenced in the Contract Documents required to completely perform the Work
- H. Bid Item No. 8 – MH 108: Repair
- 1. Manhole Information
 - a. Type: Brick
 - b. Diameter: 48 inches
 - c. Height: 9.3 vertical linear feet, plus or minus 1 foot
 - 2. Work to be Performed
 - a. Replace flexible chimney seal
 - b. Remove manhole steps
 - c. Perform all required bypass pumping and flow control
 - d. Perform all required site restoration
 - e. Perform all additional work referenced in the Contract Documents required to completely perform the Work
- I. Bid Item No. 9 – MH 123: Repair
- 1. Manhole Information
 - a. Type: Brick
 - b. Diameter: 48 inches
 - c. Height: 8.3 vertical linear feet, plus or minus 1 foot
 - 2. Work to be Performed
 - a. Replace flexible chimney seal
 - b. Perform all required bypass pumping and flow control
 - c. Perform all required site restoration
 - d. Perform all additional work referenced in the Contract Documents required to completely perform the Work
- J. Bid Item No. 10 – Pipe Segment 054:053: Clean and Line
- 1. Pipe Information
 - a. Type: Vitrified clay
 - b. Diameter: 8 inches
 - c. Length: 271 feet

2. Work to be Performed
 - a. Clean and cut roots
 - b. Rehabilitate sewer using CIPP liner
 - c. Perform sewer video recording and inspection
 - d. Perform all required bypass pumping and flow control
 - e. Perform all required site restoration
 - f. Perform all additional work referenced in the Contract Documents required to completely perform the Work
- K. Bid Item No. 11 – Pipe Segment 055:051: Point Repair, Clean, and Line
1. Pipe Information
 - a. Type: Vitrified clay
 - b. Diameter: 8 inches
 - c. Length: 207 feet
 2. Work to be Performed
 - a. Perform open cut point repair at service lateral approximately 88 feet downstream from MH 55
 - b. Clean and cut roots
 - c. Rehabilitate sewer using CIPP liner
 - d. Perform sewer video recording and inspection
 - e. Perform all required bypass pumping and flow control
 - f. Perform all required site restoration
 - g. Perform all additional work referenced in the Contract Documents required to completely perform the Work
- L. Bid Item No. 12 – Pipe Segment 058:057: Point Repair and Clean
1. Pipe Information
 - a. Type: Vitrified clay
 - b. Diameter: 8 inches
 - c. Length: 160 feet
 2. Work to be Performed
 - a. Perform open cut point repair approximately 5 feet downstream from MH 58
 - b. Clean and cut roots
 - c. Perform all required bypass pumping and flow control
 - d. Perform all required site restoration
 - e. Perform all additional work referenced in the Contract Documents required to completely perform the Work
- M. Bid Item No. 13 – Pipe Segment 051:050: Point Repair
1. Pipe Information
 - a. Type: Vitrified clay
 - b. Diameter: 8 inches
 - c. Length: 125 feet
 2. Work to be Performed
 - a. Perform open cut point repair at service lateral approximately 64 feet upstream from MH 50

- b. Perform sewer video recording and inspection
 - c. Perform all required bypass pumping and flow control
 - d. Perform all required site restoration
 - e. Perform all additional work referenced in the Contract Documents required to completely perform the Work
- N. Bid Item No. 14 – Pipe Segment 062:061: Point Repair
- 1. Pipe Information
 - a. Type: Vitrified clay
 - b. Diameter: 8 inches
 - c. Length: 305 feet
 - 2. Work to be Performed
 - a. Perform open cut point repair approximately 266 feet downstream from MH 62
 - b. Perform all required bypass pumping and flow control
 - c. Perform all required site restoration
 - d. Perform all additional work referenced in the Contract Documents required to completely perform the Work
- O. Bid Item No. 15 – Pipe Segment 053:052: Line
- 1. Pipe Information
 - a. Type: Vitrified clay
 - b. Diameter: 8 inches
 - c. Length: 151 feet
 - 2. Work to be Performed
 - a. Rehabilitate sewer using CIPP liner
 - b. Perform sewer video recording and inspection
 - c. Perform all required bypass pumping and flow control
 - d. Perform all required site restoration
 - e. Perform all additional work referenced in the Contract Documents required to completely perform the Work
- P. Bid Item No. 16 – Pipe Segment 049:048: Line
- 1. Pipe Information
 - a. Type: Vitrified clay
 - b. Diameter: 8 inches
 - c. Length: 172 feet
 - 2. Work to be Performed
 - a. Rehabilitate sewer using CIPP liner
 - b. Perform sewer video recording and inspection
 - c. Perform all required bypass pumping and flow control
 - d. Perform all required site restoration
 - e. Perform all additional work referenced in the Contract Documents required to completely perform the Work
- Q. Bid Item No. 17 – Pipe Segment 056:055: Line
- 1. Pipe Information

- a. Type: Vitrified clay
 - b. Diameter: 8 inches
 - c. Length: 105 feet
 - 2. Work to be Performed
 - a. Rehabilitate sewer using CIPP liner
 - b. Perform sewer video recording and inspection
 - c. Perform all required bypass pumping and flow control
 - d. Perform all required site restoration
 - e. Perform all additional work referenced in the Contract Documents required to completely perform the Work
- R. Bid Item No. 18 – Pipe Segment 069:068: Line
- 1. Pipe Information
 - a. Type: Vitrified clay
 - b. Diameter: 8 inches
 - c. Length: 278 feet
 - 2. Work to be Performed
 - a. Rehabilitate sewer using CIPP liner
 - b. Perform sewer video recording and inspection
 - c. Perform all required bypass pumping and flow control
 - d. Perform all required site restoration
 - e. Perform all additional work referenced in the Contract Documents required to completely perform the Work
- S. Bid Item No. 19 – Pipe Segment 060:057: Line
- 1. Pipe Information
 - a. Type: Vitrified clay
 - b. Diameter: 8 inches
 - c. Length: 122 feet
 - 2. Work to be Performed
 - a. Rehabilitate sewer using CIPP liner
 - b. Perform sewer video recording and inspection
 - c. Perform all required bypass pumping and flow control
 - d. Perform all required site restoration
 - e. Perform all additional work referenced in the Contract Documents required to completely perform the Work
- T. Bid Item No. 20 – Pipe Segment 052:051: Line
- 1. Pipe Information
 - a. Type: Vitrified clay
 - b. Diameter: 8 inches
 - c. Length: 106 feet
 - 2. Work to be Performed
 - a. Rehabilitate sewer using CIPP liner
 - b. Perform sewer video recording and inspection
 - c. Perform all required bypass pumping and flow control

- d. Perform all required site restoration
 - e. Perform all additional work referenced in the Contract Documents required to completely perform the Work
- U. Bid Item No. 21 – Pipe Segment 068:065: Point Repair
- 1. Pipe Information
 - a. Type: Vitrified clay
 - b. Diameter: 8 inches
 - c. Length: 220 feet
 - 2. Work to be Performed
 - a. Perform open cut point repair at service lateral approximately 214 feet downstream from MH 68
 - b. Perform all required bypass pumping and flow control
 - c. Perform all required site restoration
 - d. Perform all additional work referenced in the Contract Documents required to completely perform the Work

PART 2 PRODUCTS

2.1 GENERAL

- A. All materials used in the Work shall conform to the Contract Documents and the City of Columbus Construction and Material Specifications, latest edition, including all revisions, City Supplements, and Supplemental Specifications as applicable.

PART 3 EXECUTION

3.1 GENERAL

- A. All Work shall be executed in accordance with the Contract Documents and the City of Columbus Construction and Material Specifications, latest edition, including all revisions, City Supplements, and Supplemental Specifications as applicable. Further, Work shall be executed in accordance with applicable City of Columbus standard drawings and standard details, latest edition.

END OF SECTION