

|  |   |   |
|--|---|---|
|  <p>CLAYTON COUNTY<br/><b>Water</b><br/>AUTHORITY</p> <p>1600 Battle Creek Road, Morrow, GA 30260</p> | <b>Flint River East Outfall Replacement – Phase 1</b> |   |
|  | <b>ADDENDUM # 2</b>                                   |   |
|  | DATE  | Thursday, March 26, 2020                        |
|  | BID NUMBER  | 2020-PME-04                                     |
|  | BID OPENING DATE                                      | Tuesday, March 31, 2020 at 2:00 p.m. local time |
| <b>ADDENDUM MUST BE SIGNED AND INCLUDED IN YOUR RESPONSE TO THE RFB.</b>   |   |   |

**REVISIONS:**

1. Replace page 4-3.8 of the RFB document with revised page 4-3.8R provided with this Addendum. Revision includes adding an Item D to Section 3.1.10.
2. Replace page 4-3.26 of the RFB document with revised page 4-3.26R provided with this Addendum. Revision includes adding Numbers 1 and 2 under Item A of Section 3.3.8.
3. Replace existing Construction Plan Drawings with the updated set of Construction Plan Drawings provided with this Addendum by clicking [HERE](#). Revisions are shown within a “cloud” on the following Drawing numbers:

| Drawing # | Page     |
|-----------|----------|
| S-3       | 4 of 30  |
| P-6       | 10 of 30 |
| DM-4      | 18 of 30 |
| ES-4      | 24 of 30 |
| ES-8      | 28 of 30 |

**QUESTIONS:**

1. Are Helical Piers required?

Answer: Helical piers will not be used in the project.

2. Is there cathodic protection included in the scope of this project?

Answer: Cathodic protection will not be used in the project.

3. In the specifications Division 4 Section 3 it speaks about bypass pumping. In the Bid Form there is no work item called out for bypass pumping. Is this something we need to add into our pipe price or is this something the county will supply and we maintain?

Answer: The cost of bypass pumping should be included in the price to install the pipe.

|  |   |   |
|--|---|---|
|  <p>CLAYTON COUNTY<br/><b>Water</b><br/>AUTHORITY</p> <p>1600 Battle Creek Road, Morrow, GA 30260</p> | <b>Flint River East Outfall Replacement – Phase 1</b> |   |
|  | <b>ADDENDUM # 2</b>                                   |   |
|  | DATE  | Thursday, March 26, 2020                        |
|  | BID NUMBER  | 2020-PME-04                                     |
|  | BID OPENING DATE                                      | Tuesday, March 31, 2020 at 2:00 p.m. local time |
| <b>ADDENDUM MUST BE SIGNED AND INCLUDED IN YOUR RESPONSE TO THE RFB.</b>   |   |   |

- 4. What material will the county be supplying? I know in the past on previous projects the county supplied the pipe and the rock.**

Answer: Refer to Division 4 Section 2 of the Request for Bid document. An indication is provided for each material of whether the material is to be provided by the Contractor or provided by CCWA.

- 5. I would like to look at previous bids that have been accepted by the county, that have similarities to this project such as sewer rehab, bypass pumping and such if that is a possibility. I would like to use them as a reference in the bidding aspect of the said project.**

Answer: Bid tabulations for the Flint River Outfall Replacement Phase 3, and Jesters Creek East Outfall Replacement Phase 1 projects have been provided with this Addendum on pages 4 through 6.

- 6. Are there only 2 staging areas (Staging Area #1 and #2)?**

Answer: Yes.

- 7. Is Contractor responsible for existing utility pole relocation where in conflict with proposed 24” sewer along Mockingbird Trail?**

Answer: No. The Contractor should coordinate with the utility companies to assist in securing the utility poles during the work. Should the proposed alignment be in conflict with other utilities, then alignment changes will be considered.

- 8. In order for residents to access their backyards from driveways through temporary fencing, do we need to include gates in our bid?**

Answer: Yes.

- 9. What are requirements for existing block wall at permanent easement in near Primary MH 11?**

Answer: No requirements exist for the block wall near Primary MH11.

|  |   |                          |
|--|---|--------------------------|
|  <p>CLAYTON COUNTY<br/><b>Water</b><br/>AUTHORITY</p> <p>1600 Battle Creek Road, Morrow, GA 30260</p> | <b>Flint River East Outfall Replacement – Phase 1</b> |                          |
|  | <b>ADDENDUM # 2</b>                                   |                          |
|  | DATE  | Thursday, March 26, 2020 |
|  | BID NUMBER  | 2020-PME-04              |
| BID OPENING DATE   | Tuesday, March 31, 2020 at 2:00 p.m. local time       |                          |
| <b>ADDENDUM MUST BE SIGNED AND INCLUDED IN YOUR RESPONSE TO THE RFB.</b>   |   |                          |

**10. May I get a list of the attendees to the Pre-Bid Meeting that took place on 03/17/20?**

Answer: There is no list as the pre-bid meeting was cancelled; however, non-mandatory site visits were done by the following contractors:

- Ruby-Collins
- John D Stephens
- Legacy
- BRTU
- Reynolds
- Rain for Rent

|  |  |
|--|--|
| <b><i>Acknowledgment of receipt of this addendum must be signed and included in your bid response.</i></b> |  |
| COMPANY NAME   |  |
| SIGNATURE  |  |
| DATE   |  |

## Flint River Outfall Replacement - Phase 3 BID TABULATION

Bid Opening: Thursday, September 5, 2019 at 10:30 AM

Astra Grading and Pipe, LLC.

CMES , Inc.

John D. Stephens Inc.

Ruby Collins, Inc.

| No. | Work Item                                 | Estimated Quantity | Unit Price    | Extended Total  |
|-----|---|--------------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|
| 1   | Mobilization                              | 1                  | \$ 632,983.22 | \$ 632,983.22   | \$ 604,677.00 | \$ 604,677.00   | \$ 469,000.00 | \$ 469,000.00   | \$ 725,000.00 | \$ 725,000.00   |
| 2   | Easement Clearing                         | 794,200            | \$ 0.39       | \$ 309,738.00   | \$ 0.20       | \$ 158,840.00   | \$ 0.45       | \$ 357,390.00   | \$ 0.25       | \$ 198,550.00   |
| 3   | Silt Fence Installation                   | 27,217             | \$ 2.32       | \$ 63,143.44    | \$ 2.00       | \$ 54,434.00    | \$ 2.30       | \$ 62,599.10    | \$ 2.50       | \$ 68,042.50    |
| 4   | Silt Fence Removal                        | 27,217             | \$ 1.64       | \$ 44,635.88    | \$ 1.50       | \$ 40,825.50    | \$ 1.15       | \$ 31,299.55    | \$ 1.00       | \$ 27,217.00    |
| 5   | Construction Access Road Installation     | 7,565              | \$ 14.78      | \$ 111,810.70   | \$ 18.00      | \$ 136,170.00   | \$ 35.50      | \$ 268,557.50   | \$ 15.00      | \$ 113,475.00   |
| 6   | Construction Access Road Removal          | 7,565              | \$ 11.37      | \$ 86,014.05    | \$ 6.00       | \$ 45,390.00    | \$ 15.50      | \$ 117,257.50   | \$ 2.50       | \$ 18,912.50    |
| 7   | Erosion and Sediment Control Installation | 1,039,800          | \$ 0.14       | \$ 145,572.00   | \$ 0.05       | \$ 51,990.00    | \$ 0.05       | \$ 51,990.00    | \$ 0.05       | \$ 51,990.00    |
| 8   | Sod Installation                          | 32,110             | \$ 1.02       | \$ 32,752.20    | \$ 1.50       | \$ 48,165.00    | \$ 0.90       | \$ 28,899.00    | \$ 1.10       | \$ 35,321.00    |
| 9   | Permanent Re-Grassing                     | 259,900            | \$ 0.12       | \$ 31,188.00    | \$ 0.05       | \$ 12,995.00    | \$ 0.05       | \$ 12,995.00    | \$ 0.10       | \$ 25,990.00    |
| 10  | NPDES Monitoring and Reporting            | 1                  | \$ 11,975.47  | \$ 11,975.47    | \$ 16,000.00  | \$ 16,000.00    | \$ 9,000.00   | \$ 9,000.00     | \$ 25,000.00  | \$ 25,000.00    |
| 11  | Permanent Fence Replacement               | 2,080              | \$ 26.89      | \$ 55,931.20    | \$ 20.00      | \$ 41,600.00    | \$ 15.00      | \$ 31,200.00    | \$ 30.00      | \$ 62,400.00    |
| 12  | Temporary Fence                           | 10,144             | \$ 4.69       | \$ 47,575.36    | \$ 7.00       | \$ 71,008.00    | \$ 5.50       | \$ 55,792.00    | \$ 15.00      | \$ 152,160.00   |
| 13  | Asphalt Placement                         | 180,200            | \$ 3.32       | \$ 598,264.00   | \$ 3.00       | \$ 540,600.00   | \$ 1.95       | \$ 351,390.00   | \$ 2.25       | \$ 405,450.00   |
| 14  | Pavement Marking                          | 11,940             | \$ 0.88       | \$ 10,507.20    | \$ 2.50       | \$ 29,850.00    | \$ 0.60       | \$ 7,164.00     | \$ 1.00       | \$ 11,940.00    |
| 15  | Pavement Stripping                        | 13                 | \$ 50.46      | \$ 655.98       | \$ 300.00     | \$ 3,900.00     | \$ 40.00      | \$ 520.00       | \$ 750.00     | \$ 9,750.00     |
| 16  | Concrete Placement                        | 9,900              | \$ 22.82      | \$ 225,918.00   | \$ 5.00       | \$ 49,500.00    | \$ 0.01       | \$ 99.00        | \$ 15.00      | \$ 148,500.00   |
| 17  | Concrete Curb Placement                   | 2,285              | \$ 24.94      | \$ 56,987.90    | \$ 30.00      | \$ 68,550.00    | \$ 25.00      | \$ 57,125.00    | \$ 50.00      | \$ 114,250.00   |
| 18  | Tie-In No. 1                              | 1                  | \$ 12,771.66  | \$ 12,771.66    | \$ 18,000.00  | \$ 18,000.00    | \$ 167,500.00 | \$ 167,500.00   | \$ 151,960.00 | \$ 151,960.00   |
| 19  | Tie-In No. 2                              | 1                  | \$ 12,771.66  | \$ 12,771.66    | \$ 21,000.00  | \$ 21,000.00    | \$ 22,270.00  | \$ 22,270.00    | \$ 25,000.00  | \$ 25,000.00    |
| 20  |   | 1                  | \$ 24,059.80  | \$ 24,059.80    | \$ 2,000.00   | \$ 2,000.00     | \$ 11,500.00  | \$ 11,500.00    | \$ 6,500.00   | \$ 6,500.00     |
| 21  | Cased Crossing No. 1                      | 140                | \$ 1,142.84   | \$ 159,997.60   | \$ 600.00     | \$ 84,000.00    | \$ 1,410.00   | \$ 197,400.00   | \$ 1,500.00   | \$ 210,000.00   |
| 22  |   | 140                | \$ 317.47     | \$ 44,445.80    | \$ 75.00      | \$ 10,500.00    | \$ 1.00       | \$ 140.00       | \$ 100.00     | \$ 14,000.00    |
| 23  |   | 1                  | \$ 24,059.80  | \$ 24,059.80    | \$ 1,000.00   | \$ 1,000.00     | \$ 11,500.00  | \$ 11,500.00    | \$ 6,500.00   | \$ 6,500.00     |
| 24  | Cased Crossing No. 2                      | 60                 | \$ 2,105.23   | \$ 126,313.80   | \$ 700.00     | \$ 42,000.00    | \$ 2,180.00   | \$ 130,800.00   | \$ 1,500.00   | \$ 90,000.00    |
| 25  |   | 60                 | \$ 317.47     | \$ 19,048.20    | \$ 75.00      | \$ 4,500.00     | \$ 1.00       | \$ 60.00        | \$ 100.00     | \$ 6,000.00     |
| 26  |   | 1                  | \$ 30,074.76  | \$ 30,074.76    | \$ 1,800.00   | \$ 1,800.00     | \$ 11,500.00  | \$ 11,500.00    | \$ 6,500.00   | \$ 6,500.00     |
| 27  | Cased Crossing No. 3                      | 100                | \$ 2,706.73   | \$ 270,673.00   | \$ 650.00     | \$ 65,000.00    | \$ 2,180.00   | \$ 218,000.00   | \$ 1,500.00   | \$ 150,000.00   |
| 28  |   | 100                | \$ 317.47     | \$ 31,747.00    | \$ 75.00      | \$ 7,500.00     | \$ 1.00       | \$ 100.00       | \$ 100.00     | \$ 10,000.00    |
| 29  |   | 1                  | \$ 30,074.76  | \$ 30,074.76    | \$ 1,000.00   | \$ 1,000.00     | \$ 11,500.00  | \$ 11,500.00    | \$ 6,500.00   | \$ 6,500.00     |
| 30  | Cased Crossing No. 4                      | 40                 | \$ 1,142.84   | \$ 45,713.60    | \$ 800.00     | \$ 32,000.00    | \$ 1,410.00   | \$ 56,400.00    | \$ 1,500.00   | \$ 60,000.00    |
| 31  |   | 40                 | \$ 317.47     | \$ 12,698.80    | \$ 75.00      | \$ 3,000.00     | \$ 1.00       | \$ 40.00        | \$ 100.00     | \$ 4,000.00     |
| 32  |   | 1                  | \$ 37,292.70  | \$ 37,292.70    | \$ 2,000.00   | \$ 2,000.00     | \$ 11,500.00  | \$ 11,500.00    | \$ 6,500.00   | \$ 6,500.00     |
| 33  | Cased Crossing No. 5                      | 140                | \$ 1,142.84   | \$ 159,997.60   | \$ 600.00     | \$ 84,000.00    | \$ 1,410.00   | \$ 197,400.00   | \$ 1,500.00   | \$ 210,000.00   |
| 34  |   | 140                | \$ 317.47     | \$ 44,445.80    | \$ 75.00      | \$ 10,500.00    | \$ 1.00       | \$ 140.00       | \$ 100.00     | \$ 14,000.00    |
| 35  | Cased Crossing No. 6                      | 90                 | \$ 595.48     | \$ 53,593.20    | \$ 650.00     | \$ 58,500.00    | \$ 1.00       | \$ 90.00        | \$ 550.00     | \$ 49,500.00    |
| 36  |   | 1                  | \$ 6,014.96   | \$ 6,014.96     | \$ 1,800.00   | \$ 1,800.00     | \$ 11,500.00  | \$ 11,500.00    | \$ 6,500.00   | \$ 6,500.00     |
| 37  | Cased Crossing No. 7                      | 100                | \$ 836.08     | \$ 83,608.00    | \$ 600.00     | \$ 60,000.00    | \$ 1,065.00   | \$ 106,500.00   | \$ 1,250.00   | \$ 125,000.00   |
| 38  |   | 100                | \$ 317.47     | \$ 31,747.00    | \$ 75.00      | \$ 7,500.00     | \$ 1.00       | \$ 100.00       | \$ 100.00     | \$ 10,000.00    |
| 39  | Primary 42-inch Pipe Installation         | 5,268              | \$ 374.38     | \$ 1,972,233.84 | \$ 850.00     | \$ 4,477,800.00 | \$ 352.90     | \$ 1,859,077.20 | \$ 800.00     | \$ 4,214,400.00 |
| 40  | Primary 36-inch Pipe Installation         | 4,092              | \$ 374.48     | \$ 1,532,372.16 | \$ 820.00     | \$ 3,355,440.00 | \$ 336.80     | \$ 1,378,185.60 | \$ 750.00     | \$ 3,069,000.00 |

# Flint River Outfall Replacement - Phase 3 BID TABULATION

Bid Opening: Thursday, September 5, 2019 at 10:30 AM

Astra Grading and Pipe, LLC.

CMES , Inc.

John D. Stephens Inc.

Ruby Collins, Inc.

| No.                     | Work Item                                    | Estimated Quantity | Unit Price    | Extended Total          | Unit Price    | Extended Total          | Unit Price    | Extended Total         | Unit Price    | Extended Total          |
|-------------------------|--|--------------------|---------------|-------------------------|---------------|-------------------------|---------------|------------------------|---------------|-------------------------|
| 41                      | Primary 30-inch Pipe Installation            | 2,152              | \$ 382.75     | \$ 823,678.00           | \$ 790.00     | \$ 1,700,080.00         | \$ 331.40     | \$ 713,172.80          | \$ 725.00     | \$ 1,560,200.00         |
| 42                      | Secondary 24-inch Pipe Installation          | 129                | \$ 198.88     | \$ 25,655.52            | \$ 490.00     | \$ 63,210.00            | \$ 160.00     | \$ 20,640.00           | \$ 500.00     | \$ 64,500.00            |
| 43                      | Secondary 8-inch Pipe Installation           | 490                | \$ 424.42     | \$ 207,965.80           | \$ 100.00     | \$ 49,000.00            | \$ 160.00     | \$ 78,400.00           | \$ 250.00     | \$ 122,500.00           |
| 44                      | Service Re-Connection                        | 14                 | \$ 6,579.60   | \$ 92,114.40            | \$ 2,800.00   | \$ 39,200.00            | \$ 2,000.00   | \$ 28,000.00           | \$ 1,000.00   | \$ 14,000.00            |
| 45                      |  | 176                | \$ 328.98     | \$ 57,900.48            | \$ 160.00     | \$ 28,160.00            | \$ 80.00      | \$ 14,080.00           | \$ 100.00     | \$ 17,600.00            |
| 46                      | Vibration Monitoring                         | 20                 | \$ 1,760.39   | \$ 35,207.80            | \$ 7,500.00   | \$ 150,000.00           | \$ 439.00     | \$ 8,780.00            | \$ 2,500.00   | \$ 50,000.00            |
| 47                      | Primary 6-ft Diameter Manhole Installation   | 24                 | \$ 8,406.37   | \$ 201,752.88           | \$ 6,100.00   | \$ 146,400.00           | \$ 19,305.00  | \$ 463,320.00          | \$ 15,000.00  | \$ 360,000.00           |
| 48                      |  | 213                | \$ 1,315.95   | \$ 280,297.35           | \$ 1,600.00   | \$ 340,800.00           | \$ 1.00       | \$ 213.00              | \$ 615.00     | \$ 130,995.00           |
| 49                      | Primary 5-ft Diameter Manhole Installation   | 27                 | \$ 7,398.19   | \$ 199,751.13           | \$ 5,100.00   | \$ 137,700.00           | \$ 16,699.00  | \$ 450,873.00          | \$ 15,000.00  | \$ 405,000.00           |
| 50                      | Installation                                 | 247                | \$ 1,171.93   | \$ 289,466.71           | \$ 1,500.00   | \$ 370,500.00           | \$ 1.00       | \$ 247.00              | \$ 615.00     | \$ 151,905.00           |
| 51                      | Primary 4-ft Diameter Manhole                | 153                | \$ 6,627.22   | \$ 1,013,964.66         | \$ 1,300.00   | \$ 198,900.00           | \$ 1.00       | \$ 153.00              | \$ 615.00     | \$ 94,095.00            |
| 52                      | Secondary 4-ft Diameter Manhole Installation | 9                  | \$ 6,627.22   | \$ 59,644.98            | \$ 4,100.00   | \$ 36,900.00            | \$ 10,396.00  | \$ 93,564.00           | \$ 15,000.00  | \$ 135,000.00           |
| 53                      |  | 91                 | \$ 528.90     | \$ 48,129.90            | \$ 1,300.00   | \$ 118,300.00           | \$ 282.00     | \$ 25,662.00           | \$ 615.00     | \$ 55,965.00            |
| 54                      | Proposed Secondary Bypass Location           | 3                  | \$ 50,855.83  | \$ 152,567.49           | \$ 60,000.00  | \$ 180,000.00           | \$ 5,406.00   | \$ 16,218.00           | \$ 10,000.00  | \$ 30,000.00            |
| 55                      | Manhole Invert Construction                  | 24                 | \$ 930.70     | \$ 22,336.80            | \$ 850.00     | \$ 20,400.00            | \$ 1,600.00   | \$ 38,400.00           | \$ 1,500.00   | \$ 36,000.00            |
| 56                      |  | 27                 | \$ 635.96     | \$ 17,170.92            | \$ 750.00     | \$ 20,250.00            | \$ 1,300.00   | \$ 35,100.00           | \$ 1,250.00   | \$ 33,750.00            |
| 57                      |  | 9                  | \$ 341.23     | \$ 3,071.07             | \$ 650.00     | \$ 5,850.00             | \$ 600.00     | \$ 5,400.00            | \$ 850.00     | \$ 7,650.00             |
| 58                      | 8-inch Water Line Installation               | 1,170              | \$ 43.84      | \$ 51,292.80            | \$ 90.00      | \$ 105,300.00           | \$ 41.80      | \$ 48,906.00           | \$ 75.00      | \$ 87,750.00            |
| 59                      | 8-inch Water Line Tie-In                     | 3                  | \$ 12.79      | \$ 38.37                | \$ 5,300.00   | \$ 15,900.00            | \$ 2,500.00   | \$ 7,500.00            | \$ 2,000.00   | \$ 6,000.00             |
| 60                      | Shortside Water Service                      | 12                 | \$ 721.17     | \$ 8,654.04             | \$ 3,200.00   | \$ 38,400.00            | \$ 500.00     | \$ 6,000.00            | \$ 950.00     | \$ 11,400.00            |
| 61                      | Longside Water Service                       | 9                  | \$ 1,429.56   | \$ 12,866.04            | \$ 5,300.00   | \$ 47,700.00            | \$ 750.00     | \$ 6,750.00            | \$ 2,000.00   | \$ 18,000.00            |
| 62                      | Unsuitable Soil Excavation                   | 240,000            | \$ 1.18       | \$ 283,200.00           | \$ 0.80       | \$ 192,000.00           | \$ 0.01       | \$ 2,400.00            | \$ 0.05       | \$ 12,000.00            |
| 63                      | Rock Excavation                              | 288,000            | \$ 3.92       | \$ 1,128,960.00         | \$ 3.00       | \$ 864,000.00           | \$ 0.01       | \$ 2,880.00            | \$ 0.05       | \$ 14,400.00            |
| 64                      | Pipe Collar Installation                     | 21                 | \$ 3,869.86   | \$ 81,267.06            | \$ 2,500.00   | \$ 52,500.00            | \$ 3,200.00   | \$ 67,200.00           | \$ 1,000.00   | \$ 21,000.00            |
| 65                      | Concrete Slab over Pipe                      | 145                | \$ 111.26     | \$ 16,132.70            | \$ 75.00      | \$ 10,875.00            | \$ 60.00      | \$ 8,700.00            | \$ 100.00     | \$ 14,500.00            |
| 66                      | Pipe Anchor                                  | 26                 | \$ 1,457.68   | \$ 37,899.68            | \$ 3,250.00   | \$ 84,500.00            | \$ 5,869.00   | \$ 152,594.00          | \$ 1,000.00   | \$ 26,000.00            |
| 67                      | Demolition Bulkhead Installation             | 10                 | \$ 1,764.08   | \$ 17,640.80            | \$ 2,850.00   | \$ 28,500.00            | \$ 1,000.00   | \$ 10,000.00           | \$ 500.00     | \$ 5,000.00             |
| 68                      |  | 42                 | \$ 1,764.08   | \$ 74,091.36            | \$ 2,500.00   | \$ 105,000.00           | \$ 1,000.00   | \$ 42,000.00           | \$ 500.00     | \$ 21,000.00            |
| 69                      |  | 6                  | \$ 1,764.08   | \$ 10,584.48            | \$ 2,000.00   | \$ 12,000.00            | \$ 600.00     | \$ 3,600.00            | \$ 500.00     | \$ 3,000.00             |
| 70                      |  | 6                  | \$ 1,764.08   | \$ 10,584.48            | \$ 1,800.00   | \$ 10,800.00            | \$ 500.00     | \$ 3,000.00            | \$ 500.00     | \$ 3,000.00             |
| 71                      |  | 2                  | \$ 1,764.08   | \$ 3,528.16             | \$ 1,500.00   | \$ 3,000.00             | \$ 200.00     | \$ 400.00              | \$ 500.00     | \$ 1,000.00             |
| 72                      | Demolition Pipe Grouting                     | 13,478             | \$ 17.33      | \$ 233,573.74           | \$ 6.50       | \$ 87,607.00            | \$ 14.00      | \$ 188,692.00          | \$ 5.00       | \$ 67,390.00            |
| 73                      | Demolition Manhole Abandonment               | 57                 | \$ 112.76     | \$ 6,427.32             | \$ 100.00     | \$ 5,700.00             | \$ 30.00      | \$ 1,710.00            | \$ 30.00      | \$ 1,710.00             |
| 74                      |  | 162                | \$ 265.10     | \$ 42,946.20            | \$ 250.00     | \$ 40,500.00            | \$ 100.00     | \$ 16,200.00           | \$ 50.00      | \$ 8,100.00             |
| 75                      | Demolition Block Wall                        | 1                  | \$ 7,116.78   | \$ 7,116.78             | \$ 500,000.00 | \$ 500,000.00           | \$ 23,320.00  | \$ 23,320.00           | \$ 5,000.00   | \$ 5,000.00             |
| 76                      | Unforeseen Existing Conditions Allowance     | 1                  | \$ 500,000.00 | \$ 500,000.00           | \$ 500,000.00 | \$ 500,000.00           | \$ 500,000.00 | \$ 500,000.00          | \$ 500,000.00 | \$ 500,000.00           |
| <b>TOTAL BID AMOUNT</b> |  |                    |               | <b>\$ 13,288,888.00</b> |               | <b>\$ 16,635,266.50</b> |               | <b>\$ 9,399,555.25</b> |               | <b>\$ 14,741,218.00</b> |

**Jesters Creek East Outfall Replacement - Phase - 1  
Bid Tabulation**

Bid Opening: Tuesday, April 2, 2019

| No.                     | Work Item                                      | Estimated Quantity | Ruby-Collins, Inc. |                        | Rockdale Pipeline, Inc. |                        | John D. Stephens, Inc. |                        |
|-------------------------|--|--------------------|--------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|
|                         |  |                    | Unit Price         | Extended Total         | Unit Price              | Extended Total         | Unit Price             | Extended Total         |
| 1                       | Mobilization                                   | 1                  | 200,665.00         | 200,665.00             | 250,000.00              | 250,000.00             | 200,000.00             | 200,000.00             |
| 2                       | Easement Clearing                              | 673,730            | 0.05               | 33,686.50              | 0.30                    | 202,119.00             | 0.30                   | 67,373.00              |
| 3                       | Silt Fence Installation                        | 16,501             | 2.60               | 42,902.60              | 5.00                    | 82,505.00              | 2.31                   | 38,117.31              |
| 4                       | Silt Fence Removal                             | 16,501             | 1.00               | 16,501.00              | 1.00                    | 16,501.00              | 1.14                   | 18,811.14              |
| 5                       | Construction Access Road Installation          | 3,300              | 5.00               | 16,500.00              | 20.00                   | 66,000.00              | 24.00                  | 79,200.00              |
| 6                       | Construction Access Road Removal               | 3,300              | 5.00               | 16,500.00              | 2.30                    | 7,590.00               | 2.00                   | 6,600.00               |
| 7                       | Erosion and Sediment Control Installation      | 951,160            | 0.05               | 47,558.00              | 0.30                    | 95,116.00              | 0.11                   | 104,627.60             |
| 8                       | Permanent Re-Grassing                          | 227,573            | 0.30               | 22,757.30              | 0.30                    | 22,757.30              | 0.04                   | 9,102.92               |
| 9                       | NPDES Monitoring and Reporting                 | 1                  | 5,000.00           | 5,000.00               | 20,000.00               | 20,000.00              | 6,800.00               | 6,800.00               |
| 10                      | Permanent Fence Replacement                    | 1,340              | 25.00              | 33,500.00              | 33.10                   | 44,354.00              | 15.00                  | 20,100.00              |
| 11                      | Temporary Fence                                | 6,369              | 15.00              | 95,535.00              | 12.10                   | 77,064.90              | 6.00                   | 38,214.00              |
| 12                      | Asphalt Placement                              | 57,574             | 5.60               | 322,414.40             | 5.50                    | 316,657.00             | 3.51                   | 202,084.74             |
| 13                      | Pavement Striping                              | 1,700              | 1.50               | 2,550.00               | 1.30                    | 1,870.00               | 5.00                   | 8,500.00               |
| 14                      | Pavement Marking                               | 8                  | 300.00             | 2,400.00               | 500.00                  | 4,000.00               | 300.00                 | 2,400.00               |
| 15                      | Concrete Placement                             | 1,472              | 20.00              | 29,440.00              | 5.50                    | 8,096.00               | 17.50                  | 25,760.00              |
| 16                      | Concrete Curb Placement                        | 1,410              | 35.00              | 49,350.00              | 27.60                   | 38,916.00              | 27.00                  | 38,070.00              |
| 17                      | Retaining Wall                                 | 120                | 45.00              | 5,400.00               | 27.60                   | 3,312.00               | 55.00                  | 6,600.00               |
| 18                      |  | 180                | 45.00              | 8,100.00               | 55.10                   | 9,918.00               | 55.00                  | 9,900.00               |
| 19                      | Tie-In No. 1                                   | 1                  | 10,000.00          | 10,000.00              | 20,000.00               | 20,000.00              | 117,500.00             | 117,500.00             |
| 20                      | Tie-In No. 2                                   | 1                  | 10,000.00          | 10,000.00              | 20,000.00               | 20,000.00              | 23,870.00              | 23,870.00              |
| 21                      |  | 1                  | 6,500.00           | 6,500.00               | 2,500.00                | 2,500.00               | 15,954.00              | 15,954.00              |
| 22                      | Cased Crossing No. 1                           | 180                | 1,200.00           | 216,000.00             | 1,015.90                | 182,862.00             | 1,030.00               | 185,400.00             |
| 23                      |  | 180                | 250.00             | 45,000.00              | 414.30                  | 74,574.00              | 245.00                 | 44,100.00              |
| 24                      |  | 1                  | 6,500.00           | 6,500.00               | 2,500.00                | 2,500.00               | 15,954.00              | 15,954.00              |
| 25                      | Cased Crossing No. 2                           | 140                | 1,200.00           | 168,000.00             | 1,015.90                | 142,226.00             | 1,200.00               | 168,000.00             |
| 26                      |  | 140                | 250.00             | 35,000.00              | 414.30                  | 58,002.00              | 245.00                 | 34,300.00              |
| 27                      |  | 4,175              | 400.00             | 1,670,000.00           | 326.00                  | 1,361,050.00           | 429.50                 | 1,793,162.50           |
| 28                      | Primary Pipe Installation                      | 2,625              | 400.00             | 1,050,000.00           | 335.00                  | 879,375.00             | 429.50                 | 1,127,437.50           |
| 29                      |  | 1090               | 400.00             | 436,000.00             | 343.00                  | 373,870.00             | 429.50                 | 468,155.00             |
| 30                      |  | 145                | 400.00             | 58,000.00              | 377.00                  | 54,665.00              | 429.50                 | 62,277.50              |
| 31                      |  | 341                | 150.00             | 51,150.00              | 206.00                  | 70,246.00              | 190.00                 | 64,790.00              |
| 32                      | Secondary Pipe Installation                    | 170                | 150.00             | 25,500.00              | 217.00                  | 36,890.00              | 190.00                 | 32,300.00              |
| 33                      |  | 73                 | 150.00             | 10,950.00              | 239.00                  | 17,447.00              | 190.00                 | 13,870.00              |
| 34                      |  | 11                 | 2,500.00           | 27,500.00              | 2,800.00                | 30,800.00              | 3,000.00               | 33,000.00              |
| 35                      | Service Re-Connection                          | 10                 | 3,000.00           | 30,000.00              | 3,400.00                | 34,000.00              | 3,000.00               | 30,000.00              |
| 36                      |  | 100                | 90.00              | 9,000.00               | 63.30                   | 6,330.00               | 190.00                 | 19,000.00              |
| 37                      |  | 20                 | 150.00             | 3,000.00               | 68.80                   | 1,376.00               | 190.00                 | 3,800.00               |
| 38                      | Vibration Monitoring                           | 4                  | 825.00             | 3,300.00               | 5,000.00                | 20,000.00              | 3,950.00               | 15,800.00              |
| 39                      |  | 1                  | 1,500.00           | 1,500.00               | 2,000.00                | 2,000.00               | 6,000.00               | 6,000.00               |
| 40                      | Cured-In-Place Pipe                            | 593                | 20.00              | 11,860.00              | 25.00                   | 14,825.00              | 35.00                  | 20,755.00              |
| 41                      |  | 570                | 315.00             | 179,550.00             | 350.00                  | 199,500.00             | 175.00                 | 99,750.00              |
| 42                      | Primary 6-R Diameter Manhole Installation      | 33                 | 3,000.00           | 99,000.00              | 20,000.00               | 660,000.00             | 20,900.00              | 689,700.00             |
| 43                      |  | 367                | 850.00             | 311,950.00             | 300.00                  | 110,100.00             | 1.00                   | 367.00                 |
| 44                      | Primary 4-R Diameter Manhole Installation      | 116                | 450.00             | 52,200.00              | 240.00                  | 27,840.00              | 1.00                   | 116.00                 |
| 45                      | Secondary 4-R Diameter Manhole Installation    | 14                 | 3,000.00           | 42,000.00              | 6,000.00                | 84,000.00              | 11,700.00              | 163,800.00             |
| 46                      |  | 160                | 450.00             | 72,000.00              | 240.00                  | 38,400.00              | 308.00                 | 49,280.00              |
| 47                      | Secondary 6-R Diameter Manhole Installation    | 7                  | 850.00             | 5,950.00               | 240.00                  | 1,680.00               | 2,950.00               | 20,850.00              |
| 48                      | Manhole Invert Construction                    | 34                 | 750.00             | 25,500.00              | 2,000.00                | 68,000.00              | 1,800.00               | 54,400.00              |
| 49                      |  | 14                 | 500.00             | 7,000.00               | 600.00                  | 8,400.00               | 610.00                 | 8,540.00               |
| 50                      | Unsuitable Soil Excavation                     | 84,600             | 1.40               | 118,440.00             | 0.15                    | 12,690.00              | 2.00                   | 169,200.00             |
| 51                      | Rock Excavation                                | 90,480             | 1.00               | 90,480.00              | 2.50                    | 226,200.00             | 5.00                   | 452,400.00             |
| 52                      | Pipe Collar Installation                       | 15                 | 500.00             | 7,500.00               | 5,000.00                | 75,000.00              | 4,450.00               | 66,750.00              |
| 53                      | Demolition Bulkhead Installation               | 52                 | 150.00             | 7,800.00               | 1,000.00                | 52,000.00              | 1,000.00               | 52,000.00              |
| 54                      |  | 10                 | 50.00              | 500.00                 | 1,000.00                | 10,000.00              | 500.00                 | 5,000.00               |
| 55                      | Demolition Pipe Grouting                       | 18,626             | 5.00               | 93,130.00              | 11.00                   | 204,886.00             | 8.00                   | 149,008.00             |
| 56                      | Demolition Manhole Abandonment                 | 38                 | 20.00              | 760.00                 | 110.00                  | 4,180.00               | 100.00                 | 3,800.00               |
| 57                      |  | 68                 | 25.00              | 1,700.00               | 60.00                   | 4,080.00               | 90.00                  | 6,120.00               |
| 58                      | Unforeseen Existing Conditions Allowance No. 1 | 1                  | \$400,000.00       | \$400,000.00           | \$400,000.00            | \$400,000.00           | \$400,000.00           | \$400,000.00           |
| 59                      | Unforeseen Existing Conditions Allowance No. 2 | 1                  | \$617,000.00       | \$617,000.00           | \$617,000.00            | \$617,000.00           | \$617,000.00           | \$617,000.00           |
| <b>TOTAL BID AMOUNT</b> |  |                    |                    | <b>\$ 6,967,979.80</b> |                         | <b>\$ 7,476,270.20</b> |                        | <b>\$ 8,185,367.21</b> |

## **Division 4**

## **Specifications**

### **Section 3: Construction Standards**

1. Work will only be allowed Monday through Friday.
2. Work times will be from 8 a.m. to 5 p.m.

**C. All work between station 90+00 and station 96+26 must be completed in six (6) months.**

#### **3.1.11 Site Safety and Precaution**

- A. This section requires the Contractor to provide documents to CCWA.
- B. Prepare and submit to CCWA the Contractor's Safety Plan for the project. The Safety Plan shall include copies of the orientation sign-in form and weekly safety meeting forms. The Safety Plan and all construction shall comply with the Department of Labor, Occupational Safety and Health Administration (OSHA), 29 Code of Federal Regulations Part 1926, latest revision. This Safety Plan shall detail safety methods and procedures to assure the safety of employees, subcontractors and other visitors to the construction site.

The Contractor shall also develop a Safety Orientation for all employees, subcontractors and other visitors to the construction site.

1. Orientation training shall address all components identified in the safety program.
  2. Orientation training shall be completed prior to allowing employees and subcontractors to start on-site work.
  3. All employees, subcontractors and other site visitors shall sign a form created by the Contractor showing they received the orientation training. Copies of the signed forms shall be provided to CCWA once a month with the pay application.
- C. The Contractor shall be responsible for preparing and implementing a Confined Space Entry Plan in accordance with OSHA's Permit Required Confined Space standard, contained in 29 Code of Federal Regulations (CFR) 1910.146. The CCWA reserves that right to have this document submitted at any time.
  - D. The Contractor shall hold an onsite safety meeting once a week with all employees and subcontractors.
    1. The Contractor shall provide a form showing the safety topic covered, date, time and signatures of attendees. Copies of the

## **Division 4**

## **Specifications**

### **Section 3: Construction Standards**

#### **3.3.8 Erosion Control and NPDES Monitoring**

- A. Stabilize Project site areas in accordance with the erosion control plans and details and/or the “Manual for Erosion and Sediment Control in Georgia”, latest edition.
  - 1. Apply water, without causing soil erosion, to newly grass seeded areas on an as-needed basis until grass growth can be observed across all grassed areas.
  - 2. Apply water, without causing soil erosion, to newly planted sod areas on an as-needed basis until root growth can be observed as a dense root mat across all sod areas.
- B. The construction site is upstream and within 1 mile of an impaired stream segment. The following erosion control measures and monitoring shall be completed.
  - 1. Use flocculants or coagulants and/or mulch to stabilize areas left disturbed for more than seven (7) calendar days.
  - 2. Use mulch filter berms, in addition to silt fence, on the site perimeter where indicated on Construction Drawings. Mulch filter berms are not to be placed in waterways or areas of concentrated flow.
  - 3. Certified personnel shall conduct inspections at least once every seven (7) calendar days and within 24 hours of the end of the storm that is 0.5 inches rainfall or greater.
  - 4. Conduct turbidity sampling after every rain event of 0.5 inch or greater within any 24-hour period.
- C. Complete monitoring and reporting in accordance with NPDES standards and erosion control notes.
  - 1. Submit results of monitoring and reporting to CCWA on a monthly basis.

#### **3.3.9 Clean-Up**

- A. Upon completion of each day’s work, broom sweep/pressure wash as necessary any dirt/mud/debris from sidewalk, curb and pavement surfaces and dispose.
- B. Upon site being stabilized with vegetation, all erosion control measures and any remaining debris (i.e. silt fence, stakes, hay bales) shall be removed from site areas.