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|--|--|----------------------------|
|  <p>CLAYTON COUNTY Water AUTHORITY</p> <p>1600 Battle Creek Road, Morrow, GA 30260</p> | Annual Contract for Small Pressure-Flow Pipe Work | |
| | ADDENDUM 1 | |
| | DATE | Thursday, October 24, 2019 |
| | BID NUMBER | 2019-PME-16 |
| | BID OPENING DATE | Tuesday, October 29, 2019 |
| ADDENDUM MUST BE SIGNED AND INCLUDED IN YOUR RESPONSE TO THE RFB. | | |

REVISIONS:

1. Replace page 4-2.5 of the RFB documents with the revised page 4-2.5R provided with this addendum. Revision was made to Section 2.4 (Copper Pipe and Fitting), item A, number 2.
2. Replace page 4-2.6 of the RFB documents with the revised page 4-2.6R provided with this addendum. Revision was made to Section 2.5 (Steel Casing), item C, number 2.

QUESTIONS:

1. Is the Contractor responsible for providing all ProPress Fittings? and will they be paid with bid item #192 Supplied Material?

Answer: Yes, the Contractor is responsible for providing all ProPress fittings. No, the fittings will not be paid from bid item 192 (Supplied Material). See Revision #1.

2. Will Steel Casing, Casing End Seals & Casing Spacers be paid with bid item #192 Supplied Material?

Answer: No, the Casing, Casing End Seals and Casing Spacers will not be paid from bid item 192 (Supplied Material). See Revision #2. The additional cost of Casing with wall thickness above 0.25 inch will be paid from bid item 192 (Supplied Material).

3. Can you please send me the bid tabulation of this project for year 2018 & 2017?

Answer:

Bid Tabulation is provided on pages 7 through 11 of this Addendum.

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

Division 4

Specifications

Section 2: Material Requirements - Revised

C. Pipe and fitting description.

1. Pipe for pressure flow applications shall be C900/C905 dimension ratio DR 18 push-on joint type or restrained joint type.
2. The following information shall be stamped on each pipe.
 - a) Class identifier.
 - b) ASTM designation.
 - c) Manufacturer's identifying mark.
3. Nominal length per joint of pipe is 14 feet or 20 feet.
4. Pipe shall be green in color for sanitary sewer service.
5. Joint lubricant as provided by the pipe manufacturer.

D. Gasket and restrained joint description.

1. Gaskets shall be plain rubber suitable for sanitary sewer service.
2. Gaskets used to restrain joint may be modified with stainless steel teeth.
3. Pipe bell used to restrain joint may be fabricated with internal lock ring (removable).

Acceptable Manufacturers

- As Approved.

2.4 Copper Pipe and Fitting

A. Material provided as follows.

1. Copper pipe provided by CCWA.
2. Fittings provided by Contractor.

B. Material conformance reference.

1. ASTM B88: Standard Specification for Seamless Copper Water Tube.
2. ASTM B124: Standard Specification for Copper and Copper Alloy Forging Rod, Bar, and Shapes.
3. ASTM B124: Standard Specification for Copper and Copper Alloy Forging Rod, Bar, and Shapes.

Division 4

Specifications

Section 2: Material Requirements - Revised

4. ANSI B16.22: Wrought Copper and Copper Alloy Solder Joint Pressure Fittings.
- C. Pipe Description.
1. Buried service three-quarter ($\frac{3}{4}$) inches in diameter to one (1) inch in diameter shall be seamless, annealed copper tube, Type "K".
 2. Buried service greater than one (1) inch in diameter shall be hard-drawn copper tube, Type "L".
 3. Exposed or above-ground service shall be hard-drawn copper tube, Type "L".
- D. Fitting Description.
1. Fittings for annealed copper tube, Type "K", shall be brass flared type.
 2. Fittings for hard-drawn copper tube, Type "L", shall be wrought copper suited for ProPress type, fitted with EPDM gaskets.

Acceptable Manufacturers

- Viega.
- As Approved.

2.5 Steel Casing

- A. Material provided by Contractor.
- B. Material conformance reference.
1. ASTM A252: Standard Specification for Welded and Seamless Steel Pipe Piles.
- C. Description.
1. Casing steel shall be uncoated with minimum mechanical properties of a Grade 2.
 2. Casing steel wall thickness will be 0.25 inch with end treatments being a 30° bevel or square (when requested).
 3. Nominal length per joint of casing is 20 feet.



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Bid Opening: Tuesday, December 6, 2016 Small Pressure-Flow Pipe Work - BID TABULATION

| # | Work Item | Detail | Unit | Est. Qty | DON HALL CONSTRUCTION | | MACK JONES ENTERPRISE | |
|----|--|--|------|----------|-----------------------|-----------|-----------------------|-----------|
| | | | | | Unit cost | Extended | Unit cost | Extended |
| 1 | Lowboy Service | | EA | 10 | 900.00 | 9,000.00 | 475.00 | 4,750.00 |
| 2 | Emergency Mobilization | | EA | 2 | 900.00 | 1,800.00 | 700.00 | 1,400.00 |
| 3 | Performance and Payment Bonds | For Project Work Orders of \$100,000 to \$125,000 | EA | 3 | 1,800.00 | 5,400.00 | 1,500.00 | 4,500.00 |
| 4 | | For Each Additional \$25,000 Increase | EA | 1 | 360.00 | 360.00 | 0.00 | 0.00 |
| 5 | Erosion and Sedimentation Control Sediment Barrier Installation | Silt Fence - Type A | LF | 1000 | 2.00 | 2,000.00 | 1.35 | 1,350.00 |
| 6 | | Silt Fence - Type C | LF | 50 | 3.00 | 150.00 | 2.25 | 112.50 |
| 7 | | Hay Bale | LF | 50 | 5.00 | 250.00 | 4.50 | 225.00 |
| 8 | Erosion and Sedimentation Control Sediment Barrier Removal | | LF | 1000 | 1.00 | 1,000.00 | 1.00 | 1,000.00 |
| 9 | Erosion and Sedimentation Control Curb Inlet Sediment Trap | | EA | 1 | 100.00 | 100.00 | 45.00 | 45.00 |
| 10 | Erosion and Sedimentation Control Soil Stabilization | Straw Mulching | SF | 200 | 0.30 | 60.00 | 0.25 | 50.00 |
| 11 | | Seed and Straw Mulch | SF | 30000 | 0.35 | 10,500.00 | 0.40 | 12,000.00 |
| 12 | | Seed and Matt Blanket | SF | 200 | 0.45 | 90.00 | 0.45 | 90.00 |
| 13 | | Sod | SF | 250 | 1.00 | 250.00 | 0.87 | 217.50 |
| 14 | Hauling Material from Outside of County | | HR | 8 | 75.00 | 600.00 | 57.00 | 456.00 |
| 15 | Tree Removal | 4 inch to 6 inch diameter | EA | 4 | 350.00 | 1,400.00 | 325.00 | 1,300.00 |
| 16 | | Greater than 6 inch to 12 inch diameter | EA | 1 | 600.00 | 600.00 | 535.00 | 535.00 |
| 17 | | Greater than 12 inch to 24 inch diameter | EA | 1 | 1,600.00 | 1,600.00 | 1,500.00 | 1,500.00 |
| 18 | | Greater than 24 inch to 36 inch diameter | EA | 1 | 1,900.00 | 1,900.00 | 1,800.00 | 1,800.00 |
| 19 | Fence Work | Chain-Link / Wire Removal or Reinstall | LF | 200 | 10.00 | 2,000.00 | 9.75 | 1,950.00 |
| 20 | | Wood Removal or Reinstall | LF | 50 | 18.00 | 900.00 | 17.00 | 850.00 |
| 21 | General Excavation | Up to 6 feet deep | CF | 1000 | 2.00 | 2,000.00 | 1.75 | 1,750.00 |
| 22 | | Greater than 6 feet to 10 feet deep | CF | 125 | 1.80 | 225.00 | 1.45 | 181.25 |
| 23 | | Greater than 10 feet to 14 feet deep | CF | 125 | 1.50 | 187.50 | 0.85 | 106.25 |
| 24 | | Greater than 14 feet to 18 feet deep | CF | 125 | 1.50 | 187.50 | 1.00 | 125.00 |
| 25 | Rook Excavation | | CF | 1000 | 3.50 | 3,500.00 | 2.50 | 2,500.00 |
| 26 | General Fill / Backfill | Fill Dirt | CF | 2000 | 1.10 | 2,200.00 | 1.00 | 2,000.00 |
| 27 | | Sand | CF | 125 | 1.20 | 150.00 | 1.25 | 156.25 |
| 28 | | Crushed Stone / Graded Aggregate Base | CF | 125 | 1.30 | 162.50 | 1.10 | 137.50 |
| 29 | | #3, #4, #34, #5, #57 and #89 Stone | CF | 1500 | 1.40 | 2,100.00 | 1.25 | 1,875.00 |
| 30 | | Surge Stone | CF | 125 | 1.50 | 187.50 | 1.30 | 162.50 |
| 31 | | Rip-Rap Stone Type III | CF | 125 | 1.50 | 187.50 | 1.30 | 162.50 |
| 32 | | Stone Placement Crushed Stone / Graded Aggregate Base | SF | 10000 | 0.90 | 9,000.00 | 0.70 | 7,000.00 |
| 33 | Stone Placement | SF | 100 | 0.75 | 75.00 | 0.70 | 70.00 | |
| 34 | Stone Placement | SF | 100 | 1.50 | 150.00 | 0.80 | 80.00 | |
| 35 | Stone Placement #3, #4, #34, #5, #57 and #89 Stone | SF | 100 | 1.00 | 100.00 | 0.80 | 80.00 | |
| 36 | Stone Placement | SF | 100 | 1.50 | 150.00 | 0.90 | 90.00 | |
| 37 | Stone Placement Surge Stone | SF | 100 | 1.50 | 150.00 | 0.90 | 90.00 | |
| 38 | Stone Placement | SF | 100 | 1.80 | 180.00 | 1.35 | 135.00 | |
| 39 | Stone Placement Type 3 Rip-Rap | SF | 100 | 1.80 | 180.00 | 1.35 | 135.00 | |
| 40 | Stone Placement Type 1 Rip-Rap | SF | 100 | 3.00 | 300.00 | 2.00 | 200.00 | |



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Bid Opening: Tuesday, December 6, 2016

Small Pressure-Flow Pipe Work - BID TABULATION

| # | Work Item | Detail | Unit | Est. Qty | DON HALL CONSTRUCTION | | MACK JONES ENTERPRISE | | |
|----|--------------------------------|--|-------------------------------------|----------|-----------------------|-----------|-----------------------|-----------|--------|
| | | | | | Unit cost | Extended | Unit cost | Extended | |
| 41 | Geotextile Fabric Installation | | SF | 400 | 0.40 | 160.00 | 0.20 | 80.00 | |
| 42 | Remove Asphalt | Up to 4 inch thick layer | SF | 1500 | 3.00 | 4,500.00 | 2.00 | 3,000.00 | |
| 43 | | Greater than 4 inch to 8 inch thick layer | SF | 100 | 4.00 | 400.00 | 3.00 | 300.00 | |
| 44 | | Greater than 8 inch to 12 inch thick layer | SF | 100 | 5.00 | 500.00 | 3.25 | 325.00 | |
| 45 | | Greater than 12 inch thick layer | SF | 100 | 6.00 | 600.00 | 3.75 | 375.00 | |
| 46 | Remove Concrete Flat Work | Up to 4 inch thick layer | SF | 6500 | 2.50 | 16,250.00 | 2.25 | 14,625.00 | |
| 47 | | Greater than 4 inch to 8 inch thick layer | SF | 250 | 3.00 | 750.00 | 2.75 | 687.50 | |
| 48 | | Greater than 8 inch to 12 inch thick layer | SF | 100 | 3.40 | 340.00 | 3.25 | 325.00 | |
| 49 | | Greater than 12 inch thick layer | SF | 100 | 4.00 | 400.00 | 3.85 | 385.00 | |
| 50 | | Curb and Gutter | LF | 50 | 5.00 | 250.00 | 1.50 | 75.00 | |
| 51 | Milling Pavement | Up to 1500 SF | EA | 1 | 5,900.00 | 5,900.00 | 6,000.00 | 6,000.00 | |
| 52 | | Additional Square Footage | SF | 50 | 4.00 | 200.00 | 3.85 | 192.50 | |
| 53 | Asphalt Patching | 3 inch thick layer | SF | 1500 | 7.00 | 10,500.00 | 6.75 | 10,125.00 | |
| 54 | | 1 inch thick increment | SF | 100 | 3.50 | 350.00 | 3.30 | 330.00 | |
| 55 | Asphalt Paving | 3 inch thick layer | SF | 500 | 6.00 | 3,000.00 | 6.75 | 3,375.00 | |
| 56 | | 1 inch thick increment | SF | 100 | 3.50 | 350.00 | 3.30 | 330.00 | |
| 57 | Concrete Flatwork | Up to 4 inch thick layer | SF | 6500 | 5.25 | 34,125.00 | 3.75 | 24,375.00 | |
| 58 | | Greater than 4 inch to 6 inch thick layer | SF | 250 | 6.25 | 1,562.50 | 5.00 | 1,250.00 | |
| 59 | | Greater than 6 inch to 8 inch thick layer | SF | 100 | 8.50 | 850.00 | 6.25 | 625.00 | |
| 60 | | Greater than 8 inch to 10 inch thick layer | SF | 100 | 9.50 | 950.00 | 7.95 | 795.00 | |
| 61 | | Wire Mesh | SF | 100 | 0.50 | 50.00 | 0.50 | 50.00 | |
| 62 | | Steel Reinforcement | LF | 100 | 0.85 | 85.00 | 0.95 | 95.00 | |
| 63 | Curb and Gutter Replacement | Up to 24 inch width, square back | LF | 50 | 25.00 | 1,250.00 | 21.00 | 1,050.00 | |
| 64 | | Up to 24 inch width, roll back | LF | 50 | 25.00 | 1,250.00 | 21.00 | 1,050.00 | |
| 65 | Pavement Striping | Up to 6 inch wide | LF | 40 | 5.50 | 220.00 | 6.00 | 240.00 | |
| 66 | | 24 inch wide | LF | 40 | 8.50 | 340.00 | 8.25 | 330.00 | |
| 67 | Pavement - Pressure Washing | | SF | 1000 | 0.50 | 500.00 | 0.45 | 450.00 | |
| 68 | Pumping 4-inch Pump | Single Pump System | DY | 5 | 875.00 | 4,375.00 | 865.00 | 4,325.00 | |
| 69 | | Redundant Pump System | DY | 1 | 975.00 | 975.00 | 970.00 | 970.00 | |
| 70 | Pumping 6-inch Pump | Single Pump System | DY | 1 | 1,200.00 | 1,200.00 | 1,195.00 | 1,195.00 | |
| 71 | | Redundant Pump System | DY | 1 | 1,400.00 | 1,400.00 | 1,400.00 | 1,400.00 | |
| 72 | Pipe Installation - Open Cut | Installation / Replacement | EA | 30 | 500.00 | 15,000.00 | 500.00 | 15,000.00 | |
| 73 | Copper (Type "K") Up to 1-inch | Additional Footage | LF | 10 | 20.00 | 200.00 | 11.75 | 117.50 | |
| 74 | Pipe Installation - augered | Installation / Replacement | EA | 40 | 900.00 | 36,000.00 | 885.00 | 35,400.00 | |
| 75 | | Copper (Type "K") Up to 1-inch | Additional Footage | LF | 10 | 20.00 | 200.00 | 18.75 | 187.50 |
| 76 | Pipe Installation - Open Cut | Up to 6 feet deep | LF | 400 | 20.00 | 8,000.00 | 12.00 | 4,800.00 | |
| 77 | | Copper (Type "L") 1-1/2 to 2-inch | Greater than 6 feet to 10 feet deep | LF | 20 | 30.00 | 600.00 | 14.00 | 280.00 |
| 78 | | Greater than 10 feet deep | LF | 20 | 50.00 | 1,000.00 | 18.75 | 375.00 | |
| 79 | Pipe Installation - augered | Up to 6 feet deep | LF | 600 | 20.00 | 12,000.00 | 22.75 | 13,650.00 | |
| 80 | | Copper (Type "L") 1-1/2 to 2-inch | Greater than 6 feet to 10 feet deep | LF | 20 | 30.00 | 600.00 | 28.75 | 575.00 |



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Bid Opening: Tuesday, December 6, 2016 Small Pressure-Flow Pipe Work - BID TABULATION

| # | Work Item | Detail | Unit | Est. Qty | DON HALL CONSTRUCTION | | MACK JONES ENTERPRISE | |
|-----|--|--|------|----------|-----------------------|------------|-----------------------|-----------|
| | | | | | Unit cost | Extended | Unit cost | Extended |
| 81 | | Greater than 10 feet deep | LF | 20 | 50.00 | 1,000.00 | 45.00 | 900.00 |
| 82 | | Point Repair, up to 6 feet deep | EA | 1 | 2,500.00 | 2,500.00 | 1,900.00 | 1,900.00 |
| 83 | | Point Repair, greater than 6 feet to 10 feet deep | EA | 1 | 3,500.00 | 3,500.00 | 2,475.00 | 2,475.00 |
| 84 | | Point Repair, greater than 10 feet to 14 feet deep | EA | 1 | 4,000.00 | 4,000.00 | 3,450.00 | 3,450.00 |
| 85 | Pipe Installation - Open Cut | Point Repair, greater than 14 feet to 18 feet deep | EA | 1 | 5,000.00 | 5,000.00 | 4,250.00 | 4,250.00 |
| 86 | PVC up to 8-inch | Additional Footage, up to 6 feet deep | LF | 1080 | 25.00 | 27,000.00 | 22.75 | 24,570.00 |
| 87 | | Additional Footage, greater than 6 feet to 10 feet deep | LF | 40 | 30.00 | 1,200.00 | 28.75 | 1,150.00 |
| 88 | | Additional Footage, greater than 10 feet to 14 feet deep | LF | 20 | 40.00 | 800.00 | 28.75 | 575.00 |
| 89 | | Additional Footage, greater than 14 feet to 18 feet deep | LF | 20 | 50.00 | 1,000.00 | 28.75 | 575.00 |
| 90 | | Point Repair, up to 6 feet deep | EA | 6 | 2,500.00 | 15,000.00 | 1,400.00 | 8,400.00 |
| 91 | | Point Repair, greater than 6 feet to 10 feet deep | EA | 1 | 3,500.00 | 3,500.00 | 1,735.00 | 1,735.00 |
| 92 | | Point Repair, greater than 10 feet to 14 feet deep | EA | 1 | 4,000.00 | 4,000.00 | 1,735.00 | 1,735.00 |
| 93 | Pipe Installation - Open Cut | Point Repair, greater than 14 feet to 18 feet deep | EA | 1 | 5,000.00 | 5,000.00 | 1,735.00 | 1,735.00 |
| 94 | DI up to 8-inch | Additional Footage, up to 6 feet deep | LF | 5000 | 25.00 | 125,000.00 | 19.35 | 96,750.00 |
| 95 | | Additional Footage, greater than 6 feet to 10 feet deep | LF | 40 | 30.00 | 1,200.00 | 22.00 | 880.00 |
| 96 | | Additional Footage, greater than 10 feet to 14 feet deep | LF | 20 | 40.00 | 800.00 | 22.00 | 440.00 |
| 97 | | Additional Footage, greater than 14 feet to 18 feet deep | LF | 20 | 50.00 | 1,000.00 | 22.00 | 440.00 |
| 98 | | Up to 6 feet deep | LF | 80 | 30.00 | 2,400.00 | 26.00 | 2,080.00 |
| 99 | | Greater than 6 feet to 10 feet deep | LF | 40 | 35.00 | 1,400.00 | 30.00 | 1,200.00 |
| 100 | Pipe Installation - Open Cut | Greater than 10 feet to 14 feet deep | LF | 20 | 40.00 | 800.00 | 30.00 | 600.00 |
| 101 | Steel Casing up to 18-inch | Greater than 14 feet to 18 feet deep | LF | 20 | 60.00 | 1,200.00 | 30.00 | 600.00 |
| 102 | | Weld | EA | 2 | 50.00 | 100.00 | 47.75 | 95.50 |
| 103 | | Up to 6 feet deep | LF | 100 | 30.00 | 3,000.00 | 26.85 | 2,685.00 |
| 104 | | Greater than 6 feet to 10 feet deep | LF | 60 | 35.00 | 2,100.00 | 32.00 | 1,920.00 |
| 105 | Pipe Installation - Open Cut | Greater than 10 feet to 14 feet deep | LF | 20 | 40.00 | 800.00 | 32.00 | 640.00 |
| 106 | Steel Casing greater than 18-inch to 24-inch | Greater than 14 feet to 18 feet deep | LF | 20 | 60.00 | 1,200.00 | 32.00 | 640.00 |
| 107 | | Weld | EA | 5 | 60.00 | 300.00 | 47.75 | 238.75 |
| 108 | | Non Steered | LF | 80 | 120.00 | 9,600.00 | 200.00 | 16,000.00 |
| 109 | Cased Bore 12" | Steered | LF | 120 | 165.00 | 19,800.00 | 375.00 | 45,000.00 |
| 110 | | Rock Bore (Additional Per) | LF | 40 | 500.00 | 20,000.00 | 450.00 | 18,000.00 |
| 111 | | Non Steered | LF | 40 | 150.00 | 6,000.00 | 275.00 | 11,000.00 |
| 112 | Cased Bore 18" | Steered | LF | 180 | 170.00 | 30,600.00 | 425.00 | 76,500.00 |
| 113 | | Rock Bore (Additional Per) | LF | 40 | 500.00 | 20,000.00 | 550.00 | 22,000.00 |
| 114 | | Non Steered | LF | 40 | 180.00 | 7,200.00 | 325.00 | 13,000.00 |
| 115 | Cased Bore 24" | Steered | LF | 100 | 200.00 | 20,000.00 | 325.00 | 32,500.00 |
| 116 | | Rock Bore (Additional Per) | LF | 20 | 500.00 | 10,000.00 | 450.00 | 9,000.00 |
| 117 | | Up to 6 feet deep | VF | 12 | 200.00 | 2,400.00 | 500.00 | 6,000.00 |
| 118 | Bore Entry Pit | Greater than 6 feet deep to 12 feet deep | VF | 10 | 220.00 | 2,200.00 | 800.00 | 8,000.00 |
| 119 | | Greater than 12 feet deep to 18 feet deep | VF | 15 | 250.00 | 3,750.00 | 1,000.00 | 15,000.00 |
| 120 | | Greater than 18 feet deep | VF | 20 | 625.00 | 12,500.00 | 1,000.00 | 20,000.00 |
| 121 | | Up to 6 feet deep | VF | 12 | 200.00 | 2,400.00 | 200.00 | 2,400.00 |
| 122 | Bore Receiving Pit | Greater than 6 feet deep to 12 feet deep | VF | 8 | 220.00 | 1,760.00 | 400.00 | 3,200.00 |
| 123 | | Greater than 12 feet deep to 18 feet deep | VF | 15 | 250.00 | 3,750.00 | 600.00 | 9,000.00 |



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|-----|--|---|------|----------|-----------------------|-----------|-----------------------|-----------|
| | | | | | Unit cost | Extended | Unit cost | Extended |
| 124 | | Greater than 18 feet deep | VF | 20 | 625.00 | 12,500.00 | 600.00 | 12,000.00 |
| 125 | Pipe Insertion into Steel Casing PVC up to 8-inch | | LF | 180 | 20.00 | 3,600.00 | 14.00 | 2,520.00 |
| 126 | Pipe Insertion into Steel Casing DI up to 8-inch | | LF | 200 | 20.00 | 4,000.00 | 18.00 | 3,600.00 |
| 127 | Polyethylene Pipe Encasement | | LF | 40 | 5.00 | 200.00 | 7.75 | 310.00 |
| 128 | | Up to 2-inch core into pipe | EA | 5 | 700.00 | 3,500.00 | 750.00 | 3,750.00 |
| 129 | Core Into Pipe | Greater than 2-inch to 8-inch core into pipe | EA | 8 | 800.00 | 6,400.00 | 775.00 | 6,200.00 |
| 130 | | 8-inch core into pipe | EA | 1 | 900.00 | 900.00 | 875.00 | 875.00 |
| 131 | Connect Fitting / Valve to Pipe Brass / Bronze Fitting / Valve up to 2-inch | | EA | 25 | 200.00 | 5,000.00 | 185.00 | 4,625.00 |
| 132 | Connect Fitting / Valve to Pipe PVC Fitting / Valve up to 8-inch | | EA | 5 | 300.00 | 1,500.00 | 285.00 | 1,425.00 |
| 133 | Connect Fitting / Valve to Pipe DI Fitting / Valve up to 8-inch | | EA | 10 | 300.00 | 3,000.00 | 325.00 | 3,250.00 |
| 134 | | Up to 5-foot Bury Depth | EA | 6 | 400.00 | 2,400.00 | 385.00 | 2,310.00 |
| 135 | Fire Hydrant Installation | Greater than 5-foot Bury Depth | EA | 1 | 600.00 | 600.00 | 685.00 | 685.00 |
| 136 | | Post Hydrant | EA | 1 | 400.00 | 400.00 | 275.00 | 275.00 |
| 137 | Fire Hydrant (Existing) Vertical Adjustment | | VF | 5 | 200.00 | 1,000.00 | 185.00 | 925.00 |
| 138 | | Up to 5-foot Bury Depth | EA | 1 | 400.00 | 400.00 | 235.00 | 235.00 |
| 139 | Fire Hydrant Removal | Greater than 5-foot Bury Depth | EA | 1 | 600.00 | 600.00 | 321.00 | 321.00 |
| 140 | | Post Hydrant | EA | 2 | 400.00 | 800.00 | 125.00 | 250.00 |
| 141 | Air / Vacuum Release Valve Installation | | EA | 1 | 1,500.00 | 1,500.00 | 1,095.00 | 1,095.00 |
| 142 | Concrete Thrust Restraint | Tie-Back | EA | 4 | 700.00 | 2,800.00 | 300.00 | 1,200.00 |
| 143 | | Block for Pipe up to 16-inch | EA | 5 | 500.00 | 2,500.00 | 185.00 | 925.00 |
| 144 | Pipe Collar Installation | | CF | 200 | 40.00 | 8,000.00 | 20.00 | 4,000.00 |
| 145 | Precast Manhole Installation 4-Foot Diameter | Base Slab | EA | 1 | 500.00 | 500.00 | 985.00 | 985.00 |
| 146 | | Riser | VF | 7 | 100.00 | 700.00 | 100.00 | 700.00 |
| 147 | Precast Manhole Installation 5-Foot Diameter | Base Slab | EA | 1 | 600.00 | 600.00 | 1,175.00 | 1,175.00 |
| 148 | | Riser | VF | 7 | 120.00 | 840.00 | 100.00 | 700.00 |
| 149 | Manhole Invert Construction 4-Foot Diameter Manhole | Cast-in-Place Concrete | EA | 1 | 450.00 | 450.00 | 425.00 | 425.00 |
| 150 | | Brick and Mortar | EA | 1 | 450.00 | 450.00 | 475.00 | 475.00 |
| 151 | Manhole Invert Construction 5-Foot Diameter Manhole | Cast-in-Place Concrete | EA | 1 | 550.00 | 550.00 | 500.00 | 500.00 |
| 152 | | Brick and Mortar | EA | 1 | 550.00 | 550.00 | 575.00 | 575.00 |
| 153 | Ring and Cover Installation | Installation | EA | 1 | 100.00 | 100.00 | 85.00 | 85.00 |
| 154 | | Additional Height, Per Brick Layer | EA | 4 | 100.00 | 400.00 | 95.00 | 380.00 |
| 155 | | Up to 4-inch diameter core | EA | 1 | 300.00 | 300.00 | 285.00 | 285.00 |
| 156 | Concrete Core | Greater than 4-inch to 12-inch diameter core | EA | 1 | 350.00 | 350.00 | 325.00 | 325.00 |
| 157 | | Greater than 12-inch to 18-inch diameter core | EA | 1 | 400.00 | 400.00 | 425.00 | 425.00 |
| 158 | | Greater than 18-inch to 24-inch diameter core | EA | 1 | 450.00 | 450.00 | 205.00 | 205.00 |



1600 Battle Creek Road, Morrow, GA 30260

Annual Contract for Small Pressure-Flow Pipe Work

ADDENDUM 1

| | |
|------------------|----------------------------|
| DATE | Thursday, October 24, 2019 |
| BID NUMBER | 2019-PME-16 |
| BID OPENING DATE | Tuesday, October 29, 2019 |

ADDENDUM MUST BE SIGNED AND INCLUDED IN YOUR RESPONSE TO THE RFB.

Bid Opening: Tuesday, December 6, 2016

Small Pressure-Flow Pipe Work - BID TABULATION

| # | Work Item | Detail | Unit | Est. Qty | DON HALL CONSTRUCTION | | MACK JONES ENTERPRISE | |
|-------------------------|--|--|------|----------|-----------------------|-------------------|-----------------------|-------------------|
| | | | | | Unit cost | Extended | Unit cost | Extended |
| 159 | Brick Work | 1 Brick Deep Wall Construction | SF | 100 | 35.00 | 3,500.00 | 45.00 | 4,500.00 |
| 160 | | 2 Brick Deep Wall Construction | SF | 100 | 60.00 | 6,000.00 | 70.00 | 7,000.00 |
| 161 | | 3 Brick Deep Wall Construction | SF | 100 | 85.00 | 8,500.00 | 85.00 | 8,500.00 |
| 162 | | 4 Brick Deep Wall Construction | SF | 100 | 110.00 | 11,000.00 | 115.00 | 11,500.00 |
| 163 | Concrete Work | Bulk | CY | 8 | 400.00 | 3,200.00 | 375.00 | 3,000.00 |
| 164 | | Form Work | SF | 200 | 3.50 | 700.00 | 3.00 | 600.00 |
| 165 | | Steel Reinforcement | LF | 200 | 6.50 | 1,300.00 | 6.25 | 1,250.00 |
| 166 | Cementitious Grouting | Grout Mixed by Hand | CF | 14 | 30.00 | 420.00 | 28.00 | 392.00 |
| 167 | | Grout Mixed by Plant | CY | 3 | 400.00 | 1,200.00 | 385.00 | 1,155.00 |
| 168 | | Pump Mobilization | EA | 1 | 2,500.00 | 2,500.00 | 2,550.00 | 2,550.00 |
| 169 | Pressure Testing | Hydrostatic | EA | 7 | 500.00 | 3,500.00 | 400.00 | 2,800.00 |
| 170 | Pipe Disinfection | | GAL | 10 | 40.00 | 400.00 | 10.00 | 100.00 |
| 171 | Hourly Labor | Superintendent | HR | 8 | 35.00 | 280.00 | 37.00 | 296.00 |
| 172 | | Foreman | HR | 16 | 25.00 | 400.00 | 23.00 | 368.00 |
| 173 | | Operator | HR | 16 | 25.00 | 400.00 | 22.00 | 352.00 |
| 174 | | Pipe Layer | HR | 16 | 20.00 | 320.00 | 19.75 | 316.00 |
| 175 | | Laborer | HR | 16 | 18.00 | 288.00 | 18.00 | 288.00 |
| 176 | | Dump Truck Driver | HR | 40 | 20.00 | 800.00 | 22.00 | 880.00 |
| 177 | Hourly Equipment | 78,000 # Class Excavator | HR | 8 | 130.00 | 1,040.00 | 130.00 | 1,040.00 |
| 178 | | 52,000 # Class Excavator | HR | 8 | 120.00 | 960.00 | 120.00 | 960.00 |
| 179 | | 45,000 # Class Excavator | HR | 8 | 110.00 | 880.00 | 110.00 | 880.00 |
| 180 | | 17,000 # Class Excavator | HR | 16 | 65.00 | 1,040.00 | 65.00 | 1,040.00 |
| 181 | | 10,000 # Class Excavator | HR | 8 | 65.00 | 520.00 | 60.00 | 480.00 |
| 182 | | 30,000 # Class Rubber Tired Loader | HR | 8 | 70.00 | 560.00 | 70.00 | 560.00 |
| 183 | | Rubber Tired Backhoe / Loader | HR | 8 | 55.00 | 440.00 | 55.00 | 440.00 |
| 184 | | 18,000 # Class Track Dozier | HR | 8 | 60.00 | 480.00 | 60.00 | 480.00 |
| 185 | | Vibratory Soil Compactor (Ride On) Up to 66-inch compaction width | HR | 4 | 65.00 | 260.00 | 65.00 | 260.00 |
| 186 | | Vibratory Soil Compactor (Remote Controlled) Up to 48-inch compaction width | HR | 4 | 40.00 | 160.00 | 55.00 | 220.00 |
| 187 | Dump Truck (Tandem Rear Axle) | HR | 40 | 60.00 | 2,400.00 | 65.00 | 2,600.00 | |
| 188 | Hydro Excavator | HR | 40 | 260.00 | 10,400.00 | 125.00 | 5,000.00 | |
| 189 | Utility Truck Fully Equipped with Hand Tools, Air Tools, Cutting Tools, Mudhog Pump, Generator, Air Compressor, Mechanical Tamp | HR | 8 | 25.00 | 200.00 | 25.00 | 200.00 | |
| 190 | Equipment Rental | | EA | N/A | | | | |
| 191 | Supplied Material | | EA | N/A | | | | |
| 192 | Specialty Services | | EA | N/A | | | | |
| TOTAL BID AMOUNT | | | | | | 747,563.00 | | 787,564.50 |