

Name of contract: Green Run Dahlia North – Pump Station No. 546 Improvements

Project Number: PUCN-18-0191

| Item No | Item Description   | Unit  | Est. Quantity | Engineer's Estimate |                        | Inlet Construction, Inc. |                      | TA Sheets General Contractors, Inc. |                        | Shaw Construction, Corp. |                        | Tidewater Utility Construction, Inc. |                        | Trident Civil, Inc |                        | Average Cost           | Median Cost            | Minimum Cost         | Maximum Cost           |
|---------|--|-------|---------------|---------------------|------------------------|--------------------------|----------------------|-------------------------------------|------------------------|--------------------------|------------------------|--------------------------------------|------------------------|--------------------|------------------------|------------------------|------------------------|----------------------|------------------------|
|         |  |       |               | Unit Cost           | Total Cost             | Unit Cost                | Total Cost           | Unit Cost                           | Total Cost             | Unit Cost                | Total Cost             | Unit Cost                            | Total Cost             | Unit Cost          | Total Cost             |                        |                        |                      |                        |
| 1       | 8-in Ductile Iron Force Main, installed complete in place  | LF    | 2,422         | \$ 207.00           | \$ 501,354.00          | \$ 86.00                 | \$ 208,292.00        | \$ 112.00                           | \$ 271,264.00          | \$ 206.00                | \$ 498,932.00          | \$ 171.90                            | \$ 416,341.80          | \$ 200.00          | \$ 484,400.00          | \$ 155.18              | \$ 171.90              | \$ 86.00             | \$ 206.00              |
| 2       | Abandonment of Existing 8-in Force Main  | LF    | 2,730         | \$ 7.50             | \$ 20,475.00           | \$ 5.00                  | \$ 13,650.00         | \$ 10.00                            | \$ 27,300.00           | \$ 7.15                  | \$ 19,519.50           | \$ 24.25                             | \$ 66,202.50           | \$ 16.00           | \$ 43,680.00           | \$ 12.48               | \$ 10.00               | \$ 5.00              | \$ 24.25               |
| 3       | Air vent assembly, installed complete in place   | Each  | 5             | \$ 1,110.00         | \$ 5,550.00            | \$ 1,600.00              | \$ 8,000.00          | \$ 2,000.00                         | \$ 10,000.00           | \$ 2,400.00              | \$ 12,000.00           | \$ 2,737.50                          | \$ 13,687.50           | \$ 1,600.00        | \$ 8,000.00            | \$ 2,067.50            | \$ 2,000.00            | \$ 1,600.00          | \$ 2,737.50            |
| 4       | 8-in gate valves, installed complete in place  | Each  | 3             | \$ 2,000.00         | \$ 6,000.00            | \$ 2,000.00              | \$ 6,000.00          | \$ 1,600.00                         | \$ 4,800.00            | \$ 2,100.00              | \$ 6,300.00            | \$ 2,321.25                          | \$ 6,963.75            | \$ 1,800.00        | \$ 5,400.00            | \$ 1,964.25            | \$ 2,000.00            | \$ 1,600.00          | \$ 2,321.25            |
| 5       | Tapping Sleeve and Valve, installed complete in place  | Each  | 1             | \$ 19,500.00        | \$ 19,500.00           | \$ 15,000.00             | \$ 15,000.00         | \$ 10,000.00                        | \$ 10,000.00           | \$ 22,320.00             | \$ 22,320.00           | \$ 3,125.00                          | \$ 3,125.00            | \$ 25,000.00       | \$ 25,000.00           | \$ 15,089.00           | \$ 15,000.00           | \$ 3,125.00          | \$ 25,000.00           |
| 6       | Pavement Patching of Force Main Trench   | LF    | 2,277         | \$ 110.00           | \$ 250,470.00          | \$ 30.00                 | \$ 68,310.00         | \$ 58.00                            | \$ 132,066.00          | \$ 60.50                 | \$ 137,758.50          | \$ 98.75                             | \$ 224,853.75          | \$ 36.00           | \$ 81,972.00           | \$ 56.65               | \$ 58.00               | \$ 30.00             | \$ 98.75               |
| 7       | Additional Undercut Excavation with Bedding Backfill   | CV    | 50            | \$ 100.00           | \$ 5,000.00            | \$ 75.00                 | \$ 3,750.00          | \$ 80.00                            | \$ 4,000.00            | \$ 92.00                 | \$ 4,600.00            | \$ 3.60                              | \$ 180.00              | \$ 77.00           | \$ 3,850.00            | \$ 65.52               | \$ 77.00               | \$ 3.60              | \$ 92.00               |
| 8       | Pump Station Improvements, complete in place   | LS    | 1             | \$ 556,600.00       | \$ 556,600.00          | \$ 457,388.00            | \$ 457,388.00        | \$ 696,500.00                       | \$ 696,500.00          | \$ 854,300.00            | \$ 854,300.00          | \$ 692,500.00                        | \$ 692,500.00          | \$ 954,937.56      | \$ 954,937.56          | \$ 731,125.11          | \$ 696,500.00          | \$ 457,388.00        | \$ 954,937.56          |
| 9       | Wet well concrete repair, 2" depth or less   | CF    | 80            | \$ 150.00           | \$ 12,000.00           | \$ 198.00                | \$ 15,840.00         | \$ 165.00                           | \$ 13,200.00           | \$ 165.00                | \$ 13,200.00           | \$ 158.60                            | \$ 12,688.00           | \$ 135.00          | \$ 10,800.00           | \$ 164.32              | \$ 165.00              | \$ 135.00            | \$ 198.00              |
| 10      | Wetwell concrete repair, greater than 2" depth   | CF    | 20            | \$ 190.00           | \$ 3,800.00            | \$ 220.00                | \$ 4,400.00          | \$ 175.00                           | \$ 3,500.00            | \$ 180.00                | \$ 3,600.00            | \$ 211.00                            | \$ 4,220.00            | \$ 145.00          | \$ 2,900.00            | \$ 186.20              | \$ 180.00              | \$ 145.00            | \$ 220.00              |
| 11      | Alternate Bid Item No 1– Removal of existing 10-in suction wall pipes with respective 10-in 90 degree flare fittings, core-drilling, and installation of new 10-in flanged ductile iron pipe and 10-in long radius 90 degree flare with mechanical rubber modular seals. | LS    | 1             | \$ 10,000.00        | \$ 10,000.00           | \$ 10,000.00             | \$ 10,000.00         | \$ 8,150.00                         | \$ 8,150.00            | \$ 12,000.00             | \$ 12,000.00           | \$ 223.50                            | \$ 223.50              | \$ 9,500.00        | \$ 9,500.00            | \$ 7,974.70            | \$ 9,500.00            | \$ 223.50            | \$ 12,000.00           |
| 12      | Bypass Pumping   | Weeks | 48            | \$ 6,200.00         | \$ 297,600.00          | \$ 1,000.00              | \$ 48,000.00         | \$ 100.00                           | \$ 4,800.00            | \$ 200.00                | \$ 9,600.00            | \$ 3,707.50                          | \$ 177,960.00          | \$ 2,000.00        | \$ 96,000.00           | \$ 1,401.50            | \$ 1,000.00            | \$ 100.00            | \$ 3,707.50            |
| 13      | Control Room Concrete Block Wall Cracked Mortar Repair   | LF    | 100           | \$ 25.00            | \$ 2,500.00            | \$ 22.00                 | \$ 2,200.00          | \$ 100.00                           | \$ 10,000.00           | \$ 25.00                 | \$ 2,500.00            | \$ 154.00                            | \$ 15,400.00           | \$ 75.00           | \$ 7,500.00            | \$ 75.20               | \$ 75.00               | \$ 22.00             | \$ 154.00              |
| 14      | Control Room Cracked Concrete Block Replacement  | Each  | 30            | \$ 50.00            | \$ 1,500.00            | \$ 75.00                 | \$ 2,250.00          | \$ 65.00                            | \$ 1,950.00            | \$ 100.00                | \$ 3,000.00            | \$ 371.25                            | \$ 11,137.50           | \$ 185.00          | \$ 5,550.00            | \$ 159.25              | \$ 100.00              | \$ 65.00             | \$ 371.25              |
|         |  |       |               | <b>Total</b>        | <b>\$ 1,692,349.00</b> | <b>Total</b>             | <b>\$ 863,080.00</b> | <b>Total</b>                        | <b>\$ 1,197,530.00</b> | <b>Total</b>             | <b>\$ 1,599,630.00</b> | <b>Total</b>                         | <b>\$ 1,645,483.30</b> | <b>Total</b>       | <b>\$ 1,739,489.56</b> | <b>\$ 1,409,042.57</b> | <b>\$ 1,599,630.00</b> | <b>\$ 863,080.00</b> | <b>\$ 1,739,489.56</b> |