

**Project Name: Arrowhead Water Production Facility Rehabilitation and Pecos Surface Water Treatment Plant Surge System**  
**Project Number: WA1905.491 and WA1908.401**  
**Bid Opening Date: 3/9/2021**  
**Engineer's Estimate: \$8,550,935**

| Item#                      | Description   | Quantity | Unit | Engineer's Estimate |                | Achen-Gardner Construction, LLC |                | Gannay Companies Inc. |                | J R Flann Construction |                | PCL Construction, Inc. |                | MSC Contractors, Inc. |                | PPS Civil, LLC |                | Action Direct dba Redpoint Contracting |                |
|----------------------------|---|----------|------|---------------------|----------------|---------------------------------|----------------|-----------------------|----------------|------------------------|----------------|------------------------|----------------|-----------------------|----------------|----------------|----------------|--|----------------|
|                            |   |          |      | Unit Price          | Extended Price | Unit Price                      | Extended Price | Unit Price            | Extended Price | Unit Price             | Extended Price | Unit Price             | Extended Price | Unit Price            | Extended Price | Unit Price     | Extended Price | Unit Price                             | Extended Price |
| <b>PECOS SWTP BASE BID</b> |   |          |      |                     |                |                                 |                |                       |                |                        |                |                        |                |                       |                |                |                |  |                |
| 1                          | Mobilization/Demobilization for Pecos SWTP Surge Tank   | 1        | LS   | \$70,000.00         | \$70,000.00    | \$26,000.00                     | \$26,000.00    | \$49,000.00           | \$49,000.00    | \$ 19,167.00           | \$19,167.00    | \$16,300.00            | \$16,300.00    | \$ 100,000.00         | \$100,000.00   | \$ 33,530.00   | \$33,530.00    | \$ 105,341.00                          | \$105,341.00   |
| 2                          | Site Grading  | 1        | LS   | \$6,000.00          | \$6,000.00     | \$4,700.00                      | \$4,700.00     | \$ 8,000.00           | \$ 8,000.00    | \$ 11,031.00           | \$11,031.00    | \$4,600.00             | \$4,600.00     | \$ 30,000.00          | \$30,000.00    | \$ 2,000.00    | \$2,000.00     | \$ 6,999.00                            | \$6,999.00     |
| 3                          | Excavation and Backfill   | 1        | LS   | \$22,000.00         | \$22,000.00    | \$9,200.00                      | \$9,200.00     | \$11,300.00           | \$11,300.00    | \$ 11,300.00           | \$11,300.00    | \$48,000.00            | \$48,000.00    | \$ 12,000.00          | \$12,000.00    | \$ 18,451.00   | \$18,451.00    | \$ 4,132.00                            | \$4,132.00     |
| 4                          | Accessories/Blank   | 1        | LS   | \$10,000.00         | \$10,000.00    | \$4,500.00                      | \$4,500.00     | \$ 8,000.00           | \$ 8,000.00    | \$ 1,907.00            | \$1,907.00     | \$1,200.00             | \$1,200.00     | \$ 5,000.00           | \$5,000.00     | \$ 4,500.00    | \$4,500.00     | \$ 2,100.00                            | \$2,100.00     |
| 5                          | Landscaping/Plant Establishment   | 1        | LS   | \$60,000.00         | \$60,000.00    | \$43,000.00                     | \$43,000.00    | \$70,000.00           | \$70,000.00    | \$ 3,864.00            | \$3,864.00     | \$16,000.00            | \$16,000.00    | \$ 11,000.00          | \$11,000.00    | \$ 1,000.00    | \$1,000.00     | \$ 15,000.00                           | \$15,000.00    |
| 6                          | Retaining Wall  | 39       | LF   | \$800.00            | \$31,200.00    | \$500.00                        | \$19,500.00    | \$ 540.00             | \$21,060.00    | \$ 815.00              | \$23,985.00    | \$1,200.00             | \$46,800.00    | \$ 1,700.00           | \$66,300.00    | \$ 490.00      | \$35,740.00    | \$ 829.00                              | \$32,311.00    |
| 7                          | Surge Tank Pad  | 1        | LS   | \$20,000.00         | \$20,000.00    | \$22,070.00                     | \$22,070.00    | \$ 42,000.00          | \$42,000.00    | \$ 31,271.00           | \$31,271.00    | \$48,100.00            | \$48,100.00    | \$ 60,000.00          | \$60,000.00    | \$ 21,777.00   | \$21,777.00    | \$ 50,480.00                           | \$50,480.00    |
| 8                          | Pre-Cast Reinforcing (48 LF) & Drainage   | 1        | LS   | \$16,000.00         | \$16,000.00    | \$12,900.00                     | \$12,900.00    | \$13,000.00           | \$13,000.00    | \$ 10,745.00           | \$10,745.00    | \$29,100.00            | \$29,100.00    | \$ 30,000.00          | \$30,000.00    | \$ 21,422.00   | \$21,422.00    | \$ 46,233.00                           | \$46,233.00    |
| 9                          | Concrete Reinforcing and Cable/Galvan. Rebar  | 1        | LS   | \$16,000.00         | \$16,000.00    | \$6,900.00                      | \$6,900.00     | \$ 8,000.00           | \$ 8,000.00    | \$ 2,600.00            | \$2,600.00     | \$4,000.00             | \$4,000.00     | \$ 7,000.00           | \$7,000.00     | \$ 2,000.00    | \$2,000.00     | \$ 7,647.00                            | \$7,647.00     |
| 10                         | Concrete Reinforcing and Cable/Galvan. Rebar  | 1        | LS   | \$14,000.00         | \$14,000.00    | \$5,000.00                      | \$5,000.00     | \$ 4,000.00           | \$ 4,000.00    | \$ 3,434.00            | \$3,434.00     | \$4,000.00             | \$4,000.00     | \$ 30,000.00          | \$30,000.00    | \$ 9,710.00    | \$9,710.00     | \$ 3,288.00                            | \$3,288.00     |
| 11                         | Guardrail   | 39       | LF   | \$250.00            | \$9,750.00     | \$175.00                        | \$6,787.50     | \$ 160.00             | \$6,240.00     | \$ 213.00              | \$8,307.00     | \$3,200.00             | \$12,640.00    | \$ 148.00             | \$5,772.00     | \$ 120.00      | \$4,017.00     | \$ 276.00                              | \$1,074.00     |
| 12                         | Concrete Zone 1 Supply Taps   | 2        | EA   | \$74,000.00         | \$148,000.00   | \$7,400.00                      | \$14,800.00    | \$114,000.00          | \$114,000.00   | \$ 18,866.00           | \$37,732.00    | \$16,000.00            | \$32,000.00    | \$ 50,000.00          | \$100,000.00   | \$ 3,549.00    | \$7,098.00     | \$ 11,968.00                           | \$23,936.00    |
| 13                         | Purchase & Install 2-inch Pipe (410 LF) Valves, Couplings, Flanges, Fittings  | 1        | LS   | \$14,000.00         | \$14,000.00    | \$62,600.00                     | \$62,600.00    | \$ 17,000.00          | \$17,000.00    | \$ 33,309.00           | \$33,309.00    | \$4,100.00             | \$4,100.00     | \$ 70,000.00          | \$70,000.00    | \$ 46,272.00   | \$46,272.00    | \$ 21,728.00                           | \$21,728.00    |
| 14                         | Purchase & Install 2-inch Pipe (80 LF) Valves, Couplings, Flanges, Fittings   | 1        | LS   | \$14,000.00         | \$14,000.00    | \$48,000.00                     | \$48,000.00    | \$ 18,000.00          | \$18,000.00    | \$ 197,127.00          | \$197,127.00   | \$13,122.00            | \$13,122.00    | \$ 90,000.00          | \$90,000.00    | \$ 25,000.00   | \$25,000.00    | \$ 339,346.00                          | \$339,346.00   |
| 15                         | Pipe Taps and Distribution  | 1        | LS   | \$7,000.00          | \$7,000.00     | \$6,700.00                      | \$6,700.00     | \$ 7,000.00           | \$ 7,000.00    | \$ 1,710.00            | \$1,710.00     | \$13,000.00            | \$13,000.00    | \$ 12,000.00          | \$12,000.00    | \$ 27,333.00   | \$27,333.00    | \$ 7,604.00                            | \$7,604.00     |
| 16                         | Pipe Supports   | 2        | EA   | \$6,000.00          | \$12,000.00    | \$1,400.00                      | \$2,800.00     | \$ 1,000.00           | \$2,000.00     | \$ 3,586.00            | \$7,172.00     | \$3,000.00             | \$6,000.00     | \$ 3,000.00           | \$6,000.00     | \$ 12,364.00   | \$24,728.00    | \$ 3,789.00                            | \$7,578.00     |
| 17                         | Surge Tank Electrical & Controls  | 1        | EA   | \$60,000.00         | \$60,000.00    | \$13,000.00                     | \$13,000.00    | \$ 181,000.00         | \$181,000.00   | \$ 92,990.00           | \$92,990.00    | \$16,696.00            | \$16,696.00    | \$ 30,000.00          | \$30,000.00    | \$ 20,000.00   | \$20,000.00    | \$ 16,041.00                           | \$16,041.00    |
| 18                         | Surge Tank and Accessories  | 1        | EA   | \$300,000.00        | \$300,000.00   | \$225,000.00                    | \$225,000.00   | \$ 49,000.00          | \$49,000.00    | \$ 214,654.00          | \$214,654.00   | \$180,000.00           | \$180,000.00   | \$ 300,000.00         | \$300,000.00   | \$ 316,875.00  | \$316,875.00   | \$ 309,752.00                          | \$309,752.00   |
| 19                         | Surge Tank Electrical & Controls - Distribution, Branch Conduit/Wiring, Mechanisms/Parts                            | 1        | LS   | \$60,000.00         | \$60,000.00    | \$48,000.00                     | \$48,000.00    | \$ 92,000.00          | \$92,000.00    | \$ 37,360.00           | \$37,360.00    | \$28,200.00            | \$28,200.00    | \$ 40,000.00          | \$40,000.00    | \$ 70,605.00   | \$70,605.00    | \$ 106,220.00                          | \$106,220.00   |
| 20                         | Items (2) Existing Tilling Check Valve, (2) 14-inch Surge Relief Valve & Piping and Pipe Supports                   | 1        | LS   | \$10,000.00         | \$10,000.00    | \$4,200.00                      | \$4,200.00     | \$ 1,000.00           | \$1,000.00     | \$ 9,861.00            | \$9,861.00     | \$20,400.00            | \$20,400.00    | \$ 9,000.00           | \$9,000.00     | \$ 14,549.00   | \$14,549.00    | \$ 16,593.00                           | \$16,593.00    |
| 21                         | Pipe Supports   | 4        | EA   | \$4,000.00          | \$16,000.00    | \$1,400.00                      | \$5,600.00     | \$ 2,000.00           | \$8,000.00     | \$ 1,611.00            | \$6,444.00     | \$2,100.00             | \$8,400.00     | \$ 2,000.00           | \$8,000.00     | \$ 2,699.00    | \$10,796.00    | \$ 3,407.00                            | \$13,602.00    |
| 22                         | Purchase and Install 24" New Tilling Check Valve with Top Mounted Oil Disks and Bottom Mounted Butterfly Mechanisms | 2        | EA   | \$74,000.00         | \$148,000.00   | \$60,000.00                     | \$120,000.00   | \$ 29,000.00          | \$58,000.00    | \$ 63,477.00           | \$126,954.00   | \$27,000.00            | \$54,000.00    | \$ 70,000.00          | \$140,000.00   | \$ 69,750.00   | \$139,500.00   | \$ 81,540.00                           | \$163,080.00   |
| 23                         | Purchase and Install Bottom Mounted Butterfly Mechanisms  | 2        | EA   | \$17,000.00         | \$34,000.00    | \$14,000.00                     | \$28,000.00    | \$ 1,200.00           | \$2,400.00     | \$ 15,808.00           | \$31,616.00    | \$13,000.00            | \$26,000.00    | \$ 10,000.00          | \$20,000.00    | \$ 36,252.00   | \$72,504.00    | \$ 20,254.00                           | \$40,508.00    |
| 24                         | 14-inch Blank Flanges   | 4        | EA   | \$1,200.00          | \$4,800.00     | \$2,300.00                      | \$9,200.00     | \$ 1,000.00           | \$4,000.00     | \$ 1,919.00            | \$7,676.00     | \$1,400.00             | \$5,600.00     | \$ 500.00             | \$2,000.00     | \$ 1,587.00    | \$6,348.00     | \$ 1,329.00                            | \$5,119.00     |
| 25                         | 14-inch Blank Flanges   | 4        | EA   | \$100.00            | \$400.00       | \$100.00                        | \$400.00       | \$ 100.00             | \$400.00       | \$ 1,529.00            | \$6,116.00     | \$4,800.00             | \$19,200.00    | \$ 10,000.00          | \$40,000.00    | \$ 2,318.00    | \$9,272.00     | \$ 8,654.00                            | \$34,628.00    |
| 26                         | 14-inch Blank Flanges   | 1        | EA   | \$5,000.00          | \$5,000.00     | \$2,400.00                      | \$2,400.00     | \$ 4,000.00           | \$4,000.00     | \$ 6,628.00            | \$6,628.00     | \$10,000.00            | \$10,000.00    | \$ 12,000.00          | \$12,000.00    | \$ 26,321.00   | \$26,321.00    | \$ 29,426.00                           | \$29,426.00    |
| 27                         | Air Receiver  | 1        | EA   | \$5,000.00          | \$5,000.00     | \$2,800.00                      | \$2,800.00     | \$ 3,000.00           | \$3,000.00     | \$ 6,628.00            | \$6,628.00     | \$10,000.00            | \$10,000.00    | \$ 12,000.00          | \$12,000.00    | \$ 26,321.00   | \$26,321.00    | \$ 29,426.00                           | \$29,426.00    |
| 28                         | Goodhouse Trap  | 1        | EA   | \$2,000.00          | \$2,000.00     | \$2,000.00                      | \$2,000.00     | \$ 5,000.00           | \$5,000.00     | \$ 1,725.00            | \$1,725.00     | \$1,000.00             | \$1,000.00     | \$ 800.00             | \$800.00       | \$ 1,736.00    | \$1,736.00     | \$ 4,277.00                            | \$4,277.00     |
| 29                         | Air Receiver Electrical & Controls - Distribution, Branch Conduit/Wiring, Instrument/Parts                          | 1        | LS   | \$50,000.00         | \$50,000.00    | \$19,000.00                     | \$19,000.00    | \$ 18,000.00          | \$18,000.00    | \$ 16,449.00           | \$16,449.00    | \$2,300.00             | \$2,300.00     | \$ 30,000.00          | \$30,000.00    | \$ 50,524.00   | \$50,524.00    | \$ 32,115.00                           | \$32,115.00    |
| 30                         | Pressure and Isolation Heat Transfer Equipment and Controls   | 1        | LS   | \$250,000.00        | \$250,000.00   | \$28,000.00                     | \$28,000.00    | \$ 29,000.00          | \$29,000.00    | \$ 16,449.00           | \$16,449.00    | \$12,100.00            | \$12,100.00    | \$ 40,000.00          | \$40,000.00    | \$41,749.00    | \$41,749.00    | \$ 18,271.00                           | \$18,271.00    |
| <b>ARROWHEAD BASE BID</b>  |   |          |      |                     |                |                                 |                |                       |                |                        |                |                        |                |                       |                |                |                |  |                |
| 31                         | Measurement/Verification for Arrowhead WTP and Water Main   | 1        | LS   | \$291,236.00        | \$291,236.00   | \$184,800.00                    | \$184,800.00   | \$ 160,000.00         | \$160,000.00   | \$ 134,000.00          | \$134,000.00   | \$148,100.00           | \$148,100.00   | \$ 180,000.00         | \$180,000.00   | \$ 158,657.00  | \$158,657.00   | \$ 210,161.00                          | \$210,161.00   |
| 32                         | Verification of Field Measurements and Utility Location   | 1        | LS   | \$22,086.00         | \$22,086.00    | \$32,800.00                     | \$32,800.00    | \$ 19,000.00          | \$19,000.00    | \$ 16,444.00           | \$16,444.00    | \$43,700.00            | \$43,700.00    | \$ 40,000.00          | \$40,000.00    | \$ 22,602.00   | \$22,602.00    | \$ 9,616.00                            | \$9,616.00     |
| 33                         | Arrowhead Booster Pump Station Mechanical Demolition  | 1        | LS   | \$34,965.00         | \$34,965.00    | \$64,000.00                     | \$64,000.00    | \$ 46,000.00          | \$46,000.00    | \$ 102,923.00          | \$102,923.00   | \$27,700.00            | \$27,700.00    | \$ 120,000.00         | \$120,000.00   | \$ 14,546.00   | \$14,546.00    | \$ 136,827.00                          | \$136,827.00   |
| 34                         | Arrowhead Booster Pump Station Electrical Demolition  | 1        | LS   | \$46,819.00         | \$46,819.00    | \$100,000.00                    | \$100,000.00   | \$ 215,000.00         | \$215,000.00   | \$ 100,152.00          | \$100,152.00   | \$60,000.00            | \$60,000.00    | \$ 100,000.00         | \$100,000.00   | \$ 53,831.00   | \$53,831.00    | \$ 105,960.00                          | \$105,960.00   |
| 35                         | Arrowhead Booster Pump Station Electrical Demolition  | 1        | LS   | \$34,885.00         | \$34,885.00    | \$39,000.00                     | \$39,000.00    | \$ 118,000.00         | \$118,000.00   | \$ 17,167.00           | \$17,167.00    | \$4,300.00             | \$4,300.00     | \$ 100,000.00         | \$100,000.00   | \$ 33,210.00   | \$33,210.00    | \$ 53,275.00                           | \$53,275.00    |
| 36                         | Water Main Demolition and Abandonment   | 1        | LS   | \$121,245.00        | \$121,245.00   | \$83,000.00                     | \$83,000.00    | \$ 80,000.00          | \$80,000.00    | \$ 92,690.00           | \$92,690.00    | \$147,000.00           | \$147,000.00   | \$ 100,000.00         | \$100,000.00   | \$ 67,778.00   | \$67,778.00    | \$ 83,332.00                           | \$83,332.00    |
| 37                         | Utility Demolition  | 1        | LS   | \$34,456.00         | \$34,456.00    | \$125,000.00                    | \$125,000.00   | \$ 18,000.00          | \$18,000.00    | \$ 39,056.00           | \$39,056.00    | \$116,000.00           | \$116,000.00   | \$ 90,000.00          | \$90,000.00    | \$ 65,662.00   | \$65,662.00    | \$ 31,704.00                           | \$31,704.00    |
| 38                         | Water Main Rehabilitation/Replacement   | 2100     | LF   | \$176,000.00        | \$369,600.00   | \$126,000.00                    | \$265,200.00   | \$ 450.00             | \$945,000.00   | \$ 4,772.00            | \$9,919.20     | \$4,400.00             | \$9,240.00     | \$ 500.00             | \$1,050.00     | \$ 120.00      | \$252.00       | \$ 1,422.00                            | \$2,994.00     |
| 39                         | Water Main Rehabilitation/Replacement   | 2100     | LF   | \$176,000.00        | \$369,600.00   | \$126,000.00                    | \$265,200.00   | \$ 450.00             | \$945,000.00   | \$ 4,772.00            | \$9,919.20     | \$4,400.00             | \$9,240.00     | \$ 500.00             | \$1,050.00     | \$ 120.00      | \$252.00       | \$ 1,422.00                            | \$2,994.00     |
| 40                         | Arrowhead Booster and Recirculation Pump Modifications  | 1        | LS   | \$676,235.00        | \$676,235.00   | \$737,000.00                    | \$737,000.00   | \$ 807,000.00         | \$807,000.00   | \$ 622,779.00          | \$622,779.00   | \$277,000.00           | \$277,000.00   | \$ 800,000.00         | \$800,000.00   | \$ 996,390.00  | \$996,390.00   | \$ 881,900.00                          | \$881,900.00   |
| 41                         | Reservoir Overflow Modifications  | 1        | LS   | \$77,435.00         | \$77,435.00    | \$30,000.00                     | \$30,000.00    | \$ 19,000.00          | \$19,000.00    | \$ 23,983.00           | \$23,983.00    | \$77,000.00            | \$77,000.00    | \$ 50,000.00          | \$50,000.00    | \$ 36,567.00   | \$36,567.00    | \$ 25,834.00                           | \$25,834.00    |
| 42                         | Reservoir Mixer Addition  | 1        | LS   | \$66,895.00         | \$66,895.00    | \$75,000.00                     | \$75,000.00    | \$ 48,000.00          | \$48,000.0     |                        |                |                        |                |                       |                |                |                |  |                |