

**TOWN OF MONONGAH
MARION COUNTY, WEST VIRGINIA
CONTRACT #1 - PROPOSED WATER SYSTEM REPLACEMENT PROJECT
BID TABULATION
THURSDAY, SEPTEMBER 13, 2018 2:00 PM LPT
Thrasher Project #101-010-0924**

Item	Qty.	Unit	Description	Pro Contracting, Inc. Lost Creek, WV WV#044670		J.F. Allen Company Buckhannon, WV 26201 WV#000376		Dan's Marine Service, Inc. Grafton, WV WV#025169		Glenn Johnston, Inc. McKeesport, PA WV#023801	
				UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
BASE BID											
1	1	LS	Mobilization/Demobilization	\$ 82,500.00	\$ 82,500.00	\$ 120,000.00	\$ 120,000.00	\$ 115,303.18	\$ 115,303.18	\$ 33,637.00	\$ 33,637.00
2	1	LS	Erosion and Sediment Controls Measures	\$ 70,000.00	\$ 70,000.00	\$ 34,411.40	\$ 34,411.40	\$ 5,074.43	\$ 5,074.43	\$ 158,091.00	\$ 158,091.00
3	4360	LF	12" Water Line 305 PSI	\$ 41.00	\$ 178,760.00	\$ 37.30	\$ 162,628.00	\$ 47.08	\$ 205,268.80	\$ 63.00	\$ 274,680.00
4	7500	LF	12" Water Line 235 PSI	\$ 38.00	\$ 285,000.00	\$ 32.85	\$ 246,375.00	\$ 42.38	\$ 317,850.00	\$ 59.00	\$ 442,500.00
5	420	LF	12" Ductile Iron CL-50 P.JT. Water Line	\$ 55.00	\$ 23,100.00	\$ 48.75	\$ 20,475.00	\$ 57.98	\$ 24,351.60	\$ 74.00	\$ 31,080.00
6	5600	LF	10" Water Line 305 PSI	\$ 33.00	\$ 184,800.00	\$ 30.80	\$ 172,480.00	\$ 40.50	\$ 226,800.00	\$ 56.00	\$ 313,600.00
7	850	LF	6" Water Line 305 PSI	\$ 25.00	\$ 21,250.00	\$ 25.00	\$ 21,250.00	\$ 30.63	\$ 26,035.50	\$ 45.00	\$ 38,250.00
8	26800	LF	6" Water Line 235 PSI	\$ 23.00	\$ 616,400.00	\$ 23.60	\$ 632,480.00	\$ 29.39	\$ 787,652.00	\$ 44.00	\$ 1,179,200.00
9	100	LF	6" Ductile Iron CL-50 P.JT. Water Line	\$ 35.00	\$ 3,500.00	\$ 33.15	\$ 3,315.00	\$ 38.53	\$ 3,853.00	\$ 54.00	\$ 5,400.00
10	4800	LF	6" Water Line 250 PSI	\$ 23.00	\$ 110,400.00	\$ 23.55	\$ 113,040.00	\$ 29.19	\$ 140,112.00	\$ 56.00	\$ 268,800.00
11	300	LF	6" HDPE DIPS DR-9 Horizontal Directional Drill Water Line	\$ 100.00	\$ 30,000.00	\$ 159.85	\$ 47,955.00	\$ 138.66	\$ 41,598.00	\$ 145.00	\$ 43,500.00
12	1200	LF	4" Water Line 235 PSI	\$ 21.00	\$ 25,200.00	\$ 21.30	\$ 25,560.00	\$ 26.98	\$ 32,376.00	\$ 41.00	\$ 49,200.00
13	600	LF	2" Water Line 250 PSI	\$ 19.00	\$ 11,400.00	\$ 19.85	\$ 11,910.00	\$ 25.20	\$ 15,120.00	\$ 38.00	\$ 22,800.00
14	10500	LF	2" Water Line 315 PSI	\$ 18.00	\$ 189,000.00	\$ 19.85	\$ 208,425.00	\$ 25.35	\$ 266,175.00	\$ 39.00	\$ 409,500.00
15	4	EA	HDPE Concrete Anchor	\$ 500.00	\$ 2,000.00	\$ 1,007.35	\$ 4,029.40	\$ 1,255.00	\$ 5,020.00	\$ 631.00	\$ 2,524.00
16	160	LF	24" Steel Casing (Bore & Jack) w/Casing Spacers	\$ 175.00	\$ 28,000.00	\$ 272.50	\$ 43,600.00	\$ 159.81	\$ 25,569.60	\$ 529.00	\$ 84,640.00
17	15	LF	24" Steel Casing (Open Cut) w/Casing Spacers	\$ 115.00	\$ 1,725.00	\$ 167.00	\$ 2,505.00	\$ 117.19	\$ 1,757.85	\$ 119.00	\$ 1,785.00
18	600	LF	12" Steel Casing (Bore & Jack) w/Casing Spacers	\$ 135.00	\$ 81,000.00	\$ 226.85	\$ 136,110.00	\$ 122.91	\$ 73,746.00	\$ 251.00	\$ 150,600.00
19	300	LF	12" Steel Casing (Open Cut) w/Casing Spacers	\$ 100.00	\$ 30,000.00	\$ 92.20	\$ 27,660.00	\$ 80.30	\$ 24,090.00	\$ 90.00	\$ 27,000.00
20	20	LF	8" Steel Casing (Open Cut) w/Casing Spacers	\$ 90.00	\$ 1,800.00	\$ 72.90	\$ 1,458.00	\$ 63.00	\$ 1,260.00	\$ 82.00	\$ 1,640.00
21	150	LF	4" Steel Casing (Bore & Jack) w/Casing Spacers	\$ 60.00	\$ 9,000.00	\$ 229.90	\$ 34,485.00	\$ 88.32	\$ 13,248.00	\$ 156.00	\$ 23,400.00
22	30	LF	4" Steel Casing (Open Cut) w/Casing Spacers	\$ 60.00	\$ 1,800.00	\$ 73.35	\$ 2,200.50	\$ 45.70	\$ 1,371.00	\$ 72.00	\$ 2,160.00
23	3	EA	12" M.JT. Gate Valve, Complete w/Box and Lid	\$ 2,225.00	\$ 6,675.00	\$ 2,837.50	\$ 8,512.50	\$ 2,833.77	\$ 8,501.31	\$ 2,691.00	\$ 8,073.00
24	3	EA	10" M.JT. Gate Valve, Complete w/Box and Lid	\$ 1,900.00	\$ 5,700.00	\$ 2,451.60	\$ 7,354.80	\$ 2,141.95	\$ 6,425.85	\$ 2,228.00	\$ 6,684.00
25	40	EA	6" M.JT. Gate Valve, Complete w/Box and Lid	\$ 1,000.00	\$ 40,000.00	\$ 1,222.75	\$ 48,910.00	\$ 1,219.54	\$ 48,781.60	\$ 1,072.00	\$ 42,880.00
26	3	EA	4" M.JT. Gate Valve, Complete w/Box and Lid	\$ 875.00	\$ 2,625.00	\$ 978.65	\$ 2,935.95	\$ 1,046.58	\$ 3,139.74	\$ 904.00	\$ 2,712.00
27	24	EA	2" M.JT. Gate Valve, Complete w/Box and Lid	\$ 780.00	\$ 18,720.00	\$ 816.65	\$ 19,599.60	\$ 844.80	\$ 20,275.20	\$ 642.00	\$ 15,408.00
28	25	EA	Fire Hydrant Assembly, Complete	\$ 3,400.00	\$ 85,000.00	\$ 4,936.95	\$ 123,423.75	\$ 3,816.14	\$ 95,403.50	\$ 4,761.00	\$ 119,025.00
29	20	EA	Remove Existing Fire Hydrant Assembly, Complete	\$ 500.00	\$ 10,000.00	\$ 1,418.30	\$ 28,366.00	\$ 478.94	\$ 9,578.80	\$ 348.00	\$ 6,960.00
30	21	EA	2" Post Flushing Hydrant Assembly, Complete	\$ 1,850.00	\$ 38,850.00	\$ 2,540.55	\$ 53,351.55	\$ 1,882.52	\$ 39,532.92	\$ 2,543.00	\$ 53,403.00
31	3	EA	1" Air Release Valve	\$ 1,050.00	\$ 3,150.00	\$ 1,220.10	\$ 3,660.30	\$ 988.93	\$ 2,966.79	\$ 1,502.00	\$ 4,506.00
32	1	EA	3/4" Air Release Valve	\$ 1,000.00	\$ 1,000.00	\$ 1,122.85	\$ 1,122.85	\$ 729.50	\$ 729.50	\$ 1,235.00	\$ 1,235.00
33	353	EA	New High Pressure Meter Setting including 5/8" x 1/2" meter, coppersetter, meter well, lid, and tie-in to customer service line	\$ 1,125.00	\$ 397,125.00	\$ 1,206.40	\$ 425,859.20	\$ 1,046.58	\$ 369,442.74	\$ 1,160.00	\$ 409,480.00

34	1700	LF	1" PE SDR-9 Service Tubing (Open Cut)	\$ 18.00	\$ 30,600.00	\$ 12.45	\$ 21,165.00	\$ 14.98	\$ 25,466.00	\$ 36.00	\$ 61,200.00
35	320	LF	1" PE SDR-9 Service Tubing (Bore & Jack)	\$ 25.00	\$ 8,000.00	\$ 34.35	\$ 10,992.00	\$ 25.27	\$ 8,086.40	\$ 47.00	\$ 15,040.00
36	15600	LF	¾" PE SDR-9 Service Tubing (Open Cut)	\$ 18.00	\$ 280,800.00	\$ 12.30	\$ 191,880.00	\$ 14.82	\$ 231,192.00	\$ 32.00	\$ 499,200.00
37	1200	LF	¾" PE SDR-9 Service Tubing (Bore & Jack)	\$ 25.00	\$ 30,000.00	\$ 34.25	\$ 41,100.00	\$ 25.11	\$ 30,132.00	\$ 84.00	\$ 100,800.00
38	750	LF	¾" Type K Copper Service Tubing (Open Cut)	\$ 19.00	\$ 14,250.00	\$ 15.80	\$ 11,850.00	\$ 18.47	\$ 13,852.50	\$ 36.00	\$ 27,000.00
39	2	EA	Hot Tap on Existing 12" Water Line, Complete	\$ 5,900.00	\$ 11,800.00	\$ 7,508.05	\$ 15,016.10	\$ 8,173.12	\$ 16,346.24	\$ 11,585.00	\$ 23,170.00
40	1	EA	Tie-In to Existing 12" Water Line, Complete	\$ 3,500.00	\$ 3,500.00	\$ 1,446.85	\$ 1,446.85	\$ 4,022.25	\$ 4,022.25	\$ 7,687.00	\$ 7,687.00
41	1	EA	Hot Tap on Existing 10" Water Line, Complete	\$ 5,100.00	\$ 5,100.00	\$ 6,524.35	\$ 6,524.35	\$ 6,443.59	\$ 6,443.59	\$ 9,920.00	\$ 9,920.00
42	1	EA	Tie-In to Existing 10" Water Line, Complete	\$ 3,500.00	\$ 3,500.00	\$ 2,278.60	\$ 2,278.60	\$ 3,474.56	\$ 3,474.56	\$ 7,142.00	\$ 7,142.00
43	2	EA	Hot Tap on Existing 6" Water Line, Complete	\$ 3,200.00	\$ 6,400.00	\$ 4,720.75	\$ 9,441.50	\$ 3,676.34	\$ 7,352.68	\$ 5,497.00	\$ 10,994.00
44	7	EA	Tie-In to Existing 6" Water Line, Complete	\$ 3,000.00	\$ 21,000.00	\$ 1,340.15	\$ 9,381.05	\$ 2,206.24	\$ 15,443.68	\$ 3,514.00	\$ 24,598.00
45	2	EA	Hot Tap on Existing 4" Water Line, Complete	\$ 3,000.00	\$ 6,000.00	\$ 4,407.30	\$ 8,814.60	\$ 3,215.13	\$ 6,430.26	\$ 5,201.00	\$ 10,402.00
46	1	EA	Tie-In to Existing 4" Water Line, Complete	\$ 2,500.00	\$ 2,500.00	\$ 1,393.10	\$ 1,393.10	\$ 2,436.84	\$ 2,436.84	\$ 3,419.00	\$ 3,419.00
47	5	EA	Tie-In to Existing 2" Water Line, Complete	\$ 1,500.00	\$ 7,500.00	\$ 1,121.75	\$ 5,608.75	\$ 1,687.38	\$ 8,436.90	\$ 3,059.00	\$ 15,295.00
48	2	EA	Cut and Plug Existing 12" Water Line	\$ 2,000.00	\$ 4,000.00	\$ 1,060.85	\$ 2,121.70	\$ 1,543.25	\$ 3,086.50	\$ 2,290.00	\$ 4,580.00
49	1	EA	Cut and Plug Existing 10" Water Line	\$ 2,000.00	\$ 2,000.00	\$ 1,016.90	\$ 1,016.90	\$ 1,456.78	\$ 1,456.78	\$ 2,251.00	\$ 2,251.00
50	1	EA	Cut and Plug Existing 8" Water Line	\$ 2,000.00	\$ 2,000.00	\$ 931.95	\$ 931.95	\$ 1,399.12	\$ 1,399.12	\$ 1,704.00	\$ 1,704.00
51	3	EA	Cut and Plug Existing 6" Water Line	\$ 2,000.00	\$ 6,000.00	\$ 878.45	\$ 2,635.35	\$ 1,312.65	\$ 3,937.95	\$ 1,179.00	\$ 3,537.00
52	8	EA	Cut and Plug Existing 4" Water Line	\$ 1,500.00	\$ 12,000.00	\$ 853.85	\$ 6,830.80	\$ 1,226.17	\$ 9,809.36	\$ 1,165.00	\$ 9,320.00
53	5	EA	Cut and Plug Existing 2" Water Line	\$ 1,500.00	\$ 7,500.00	\$ 844.05	\$ 4,220.25	\$ 1,168.52	\$ 5,842.60	\$ 1,139.00	\$ 5,695.00
54	30	EA	Test Pits	\$ 500.00	\$ 15,000.00	\$ 426.55	\$ 12,796.50	\$ 1,421.61	\$ 42,648.30	\$ 1,106.00	\$ 33,180.00
55	3900	LF	WVDOH Type "B" Trench Repair	\$ 50.00	\$ 195,000.00	\$ 44.90	\$ 175,110.00	\$ 53.20	\$ 207,480.00	\$ 36.00	\$ 140,400.00
56	4000	LF	WVDOH Shoulder Stone	\$ 1.00	\$ 4,000.00	\$ 3.90	\$ 15,600.00	\$ 2.11	\$ 8,440.00	\$ 9.00	\$ 36,000.00
57	1600	LF	WVDOH Rock Lined Ditch	\$ 6.00	\$ 9,600.00	\$ 5.00	\$ 8,000.00	\$ 2.11	\$ 3,376.00	\$ 14.00	\$ 22,400.00
58	600	TN	2" HMA Overlay	\$ 137.00	\$ 82,200.00	\$ 184.75	\$ 110,850.00	\$ 209.32	\$ 125,592.00	\$ 166.00	\$ 99,600.00
59	550	LF	Concrete Street / Road / Driveway Repair	\$ 65.00	\$ 35,750.00	\$ 127.30	\$ 70,015.00	\$ 74.28	\$ 40,854.00	\$ 77.00	\$ 42,350.00
60	2000	LF	HMA Street / Road / Driveway Repair	\$ 45.00	\$ 90,000.00	\$ 18.40	\$ 36,800.00	\$ 50.75	\$ 101,500.00	\$ 14.00	\$ 28,000.00
61	4500	LF	Gravel Street / Road / Driveway Repair	\$ 9.00	\$ 40,500.00	\$ 4.00	\$ 18,000.00	\$ 3.00	\$ 13,500.00	\$ 5.00	\$ 22,500.00
62	1000	LF	Stream Bank Slope Protection	\$ 50.00	\$ 50,000.00	\$ 21.20	\$ 21,200.00	\$ 14.86	\$ 14,860.00	\$ 32.00	\$ 32,000.00
63	20	TN	Dump Rock Bank Protection	\$ 375.00	\$ 7,500.00	\$ 35.40	\$ 708.00	\$ 41.24	\$ 824.80	\$ 39.00	\$ 780.00
64	300	LF	Concrete Ditch Repair	\$ 125.00	\$ 37,500.00	\$ 80.00	\$ 24,000.00	\$ 74.28	\$ 22,284.00	\$ 39.00	\$ 11,700.00
65	80030	LF	Reclamation of Disturbed Area	\$ 1.00	\$ 80,030.00	\$ 2.05	\$ 164,061.50	\$ 1.02	\$ 81,630.60	\$ 2.00	\$ 160,060.00
66	1	LS	Existing SCADA System Upgrades - Replace Existing Outdated Radio Modems With New Radio Modems (Seven Total); Provide New Computer, Monitor, and Associated Components; Upgrade Existing Solar Power Equipment at the Carolina Tank; Provide Chemical Feed Control Equipment at Water Plant; All Wiring; Conduits; and Necessary Appurtenances for the SCADA System Upgrade	\$ 53,000.00	\$ 53,000.00	\$ 56,974.70	\$ 56,974.70	\$ 55,346.12	\$ 55,346.12	\$ 75,818.00	\$ 75,818.00

67	1	LS	Backwash Pump at Water Plant - Install New Backwash Pump at Water Plant to include piping, valves, concrete foundation, gravel subbase, metal building, electrical controls, electrical conduit, variable frequency drive, earthwork, tie-in to existing water line, pipe fittings, all wiring, and other miscellaneous appurtenances to create a Backwash Pumping System.	\$ 150,000.00	\$ 150,000.00	\$ 139,455.65	\$ 139,455.65	\$ 152,199.83	\$ 152,199.83	\$ 135,582.00	\$ 135,582.00
TOTAL BASE BID				\$ 3,910,010.00		\$ 4,003,669.00		\$ 4,233,593.77		\$ 5,917,677.00	

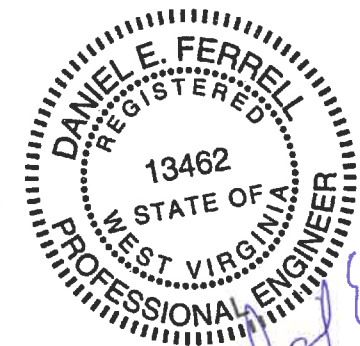
DEDUCTIVE ALTERNATE #1 – PLAN SHEETS 27 AND 28

				UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
14	2,365	LF	2" Water Line 315 PSI	\$ 18.00	\$ 42,570.00	\$ 19.85	\$ 46,945.25	\$ 25.35	\$ 59,952.75	\$ 39.00	\$ 92,235.00
30	1	EA	1" Air Release Valve	\$ 1,050.00	\$ 1,050.00	\$ 2,540.55	\$ 2,540.55	\$ 1,882.52	\$ 1,882.52	\$ 1,502.00	\$ 1,502.00
33	2	EA	New High Pressure Meter Setting including 5/8" x 1/2" meter, coppersetter, meter well, lid, and tie-in to customer service line	\$ 1,125.00	\$ 2,250.00	\$ 1,206.40	\$ 2,412.80	\$ 1,046.58	\$ 2,093.16	\$ 1,160.00	\$ 2,320.00
36	60	LF	3/4" PE SDR-9 Service Tubing (Open Cut)	\$ 18.00	\$ 1,080.00	\$ 12.30	\$ 738.00	\$ 14.82	\$ 889.20	\$ 32.00	\$ 1,920.00
55	60	LF	WVDOH Type "B" Trench Repair	\$ 50.00	\$ 3,000.00	\$ 44.90	\$ 2,694.00	\$ 53.20	\$ 3,192.00	\$ 36.00	\$ 2,160.00
62	40	LF	Stream Bank Slope Protection	\$ 50.00	\$ 2,000.00	\$ 21.20	\$ 848.00	\$ 14.86	\$ 594.40	\$ 32.00	\$ 1,280.00
65	2,425	LF	Reclamation of Disturbed Area	\$ 1.00	\$ 2,425.00	\$ 2.05	\$ 4,971.25	\$ 1.02	\$ 2,473.50	\$ 2.00	\$ 4,850.00
TOTAL DEDUCTIVE ALTERNATE #1				\$ 54,375.00		\$ 61,149.85		\$ 71,077.53		\$ 106,267.00	

DEDUCTIVE ALTERNATE #2 – PLAN SHEETS 8, 9, AND 10

				UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
6	3,410	LF	10" Water Line 305 PSI	\$ 33.00	\$ 112,530.00	\$ 30.80	\$ 105,028.00	\$ 40.50	\$ 138,105.00	\$ 56.00	\$ 190,960.00
8	40	LF	6" Water Line 235 PSI	\$ 23.00	\$ 920.00	\$ 23.60	\$ 944.00	\$ 29.39	\$ 1,175.60	\$ 44.00	\$ 1,760.00
24	1	EA	10" M.JT. Gate Valve, Complete w/Box and Lid	\$ 1,900.00	\$ 1,900.00	\$ 2,451.60	\$ 2,451.60	\$ 2,141.95	\$ 2,141.95	\$ 2,228.00	\$ 2,228.00
25	1	EA	6" M.JT. Gate Valve, Complete w/Box and Lid	\$ 1,000.00	\$ 1,000.00	\$ 1,222.75	\$ 1,222.75	\$ 1,219.54	\$ 1,219.54	\$ 1,072.00	\$ 1,072.00
42	1	EA	Tie-In to Existing 10" Water Line, Complete	\$ 3,500.00	\$ 3,500.00	\$ 2,278.60	\$ 2,278.60	\$ 3,474.56	\$ 3,474.56	\$ 7,142.00	\$ 7,142.00
44	1	EA	Tie-In to Existing 6" Water Line, Complete	\$ 3,000.00	\$ 3,000.00	\$ 1,340.15	\$ 1,340.15	\$ 2,206.24	\$ 2,206.24	\$ 3,514.00	\$ 3,514.00
62	15	LF	Stream Bank Slope Protection	\$ 50.00	\$ 750.00	\$ 21.20	\$ 318.00	\$ 14.86	\$ 222.90	\$ 32.00	\$ 480.00
65	3,450	LF	Reclamation of Disturbed Area	\$ 1.00	\$ 3,450.00	\$ 2.05	\$ 7,072.50	\$ 1.02	\$ 3,519.00	\$ 2.00	\$ 6,900.00
TOTAL DEDUCTIVE ALTERNATE #2				\$ 127,050.00		\$ 120,655.60		\$ 152,064.79		\$ 214,056.00	

THRASHER
600 White Oaks Blvd.
P.O. Box 940
Bridgeport, WV 26330
(304) 624-4108
Fax: 624-7831
thrasher@thethrashergroup.com
www.thethrashergroup.com



Handwritten signature and date:
9/17/2018