

Project Number: 2017-233-101-5			Alex E. Paris Contracting Company, Inc.		FJ Zottola Construction		Independence Excavating, Inc.		Independent Enterprises, Inc.		Mele & Mele & Sons, Inc.		W. A. Petrakis Contracting, LLC		
Project Name: Highland Reservoir Pump Station Supply and Raising Mains Project			Total Cost \$27,571,100.00		\$21,083,362.00		\$21,703,925.00		\$19,982,000.00		\$16,655,889.89		\$14,215,274.00		
Items	Description	UOM	Est Qty	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost
U-1	Mobilization / Demobilization, Permits, Bonds and Insurance, Maintenance and Protection of Traffic	LS	1	\$1,230,000.00	\$1,230,000.00	\$800,000.00	\$800,000.00	\$1,020,000.00	\$1,020,000.00	\$900,000.00	\$900,000.00	\$800,000.00	\$800,000.00	\$648,755.00	\$648,755.00
U-4	Rock and Obstruction Excavation, All Depths	CY	25	\$550	\$13,750.00	\$200	\$5,000.00	\$100	\$2,500.00	\$125	\$3,125.00	\$129.82	\$3,245.50	\$120	\$3,000.00
U-5	Exploratory Excavation and Backfill	CY	25	\$550	\$13,750.00	\$150	\$3,750.00	\$200	\$5,000.00	\$100	\$2,500.00	\$90	\$2,500.00	\$195	\$4,875.00
U-7	Additional Bedding Material, As Directed	CY	100	\$165	\$16,500.00	\$80	\$8,000.00	\$120	\$12,000.00	\$50	\$5,000.00	\$65	\$6,500.00	\$69	\$6,900.00
U-9	Concrete Anchors and Thrust Blocks	CY	15	\$4,000.00	\$60,000.00	\$500	\$7,500.00	\$1,000.00	\$15,000.00	\$450	\$6,750.00	\$500	\$7,500.00	\$550	\$8,250.00
U-10	Flowable Fill	CY	20	\$1,600.00	\$32,000.00	\$300	\$6,000.00	\$350	\$7,000.00	\$150	\$3,000.00	\$300	\$6,000.00	\$190	\$3,800.00
U-12	Flag Person	MHR	400	\$90	\$36,000.00	\$70	\$28,000.00	\$75	\$30,000.00	\$80	\$32,000.00	\$78.60	\$31,440.00	\$75	\$30,000.00
U-13	Off Duty Uniformed Officer	MHR	100	\$210	\$21,000.00	\$80	\$8,000.00	\$85	\$8,500.00	\$50	\$5,000.00	\$73.36	\$7,336.00	\$62	\$6,200.00
W-1	6" Ductile Iron Pipe Class 52	LF	60	\$260	\$15,600.00	\$162	\$9,720.00	\$300	\$18,000.00	\$150	\$9,000.00	\$135.99	\$8,159.40	\$75	\$4,500.00
W-2	12" Ductile Iron Pipe Class 52	LF	60	\$330	\$19,800.00	\$215	\$12,900.00	\$420	\$25,200.00	\$225	\$13,500.00	\$164.29	\$9,857.40	\$110	\$6,600.00
W-4	20" Ductile Iron Pipe Class 52	LF	250	\$440	\$110,000.00	\$340	\$85,000.00	\$350	\$87,500.00	\$400	\$100,000.00	\$260.40	\$65,100.00	\$324	\$81,000.00
W-5	30" Ductile Iron Pipe Class 52	LF	20	\$900	\$18,000.00	\$492	\$9,840.00	\$1,000.00	\$20,000.00	\$1,000.00	\$20,000.00	\$508.68	\$10,173.60	\$370	\$7,400.00
W-6	42" Ductile Iron Pipe Class 52	LF	20	\$1,580.00	\$31,600.00	\$868	\$17,360.00	\$3,200.00	\$64,000.00	\$2,500.00	\$50,000.00	\$1,192.64	\$23,852.80	\$740	\$14,800.00
W-7	48" Ductile Iron Pipe Class 52 - non-restrained joints	LF	320	\$2,000.00	\$640,000.00	\$1,324.00	\$423,680.00	\$1,200.00	\$384,000.00	\$2,300.00	\$736,000.00	\$1,131.38	\$362,041.60	\$939	\$319,680.00
W-8	48" Ductile Iron Pipe Class 52 - restrained joints	LF	2400	\$2,450.00	\$5,880,000.00	\$1,479.00	\$3,549,600.00	\$1,350.00	\$3,240,000.00	\$2,300.00	\$5,320,000.00	\$1,680.00	\$4,032,000.00	\$1,215.00	\$2,916,000.00
W-9	54" Ductile Iron Pipe Class 52 - restrained joints	LF	1500	\$3,300.00	\$4,950,000.00	\$3,750.00	\$5,625,000.00	\$2,100.00	\$3,150,000.00	\$3,000.00	\$4,500,000.00	\$2,200.00	\$3,300,000.00	\$1,755.00	\$2,632,500.00
W-10	16" Ductile Iron Pipe Class 52	LF	80	\$700	\$56,000.00	\$325	\$26,000.00	\$500	\$40,000.00	\$500	\$40,000.00	\$307.38	\$24,590.40	\$200	\$16,000.00
W-19	Extra Waterline Trench Excavation and Backfill (Greater than 12 feet deep)	CY	400	\$250	\$100,000.00	\$100	\$40,000.00	\$20	\$8,000.00	\$100	\$40,000.00	\$97.93	\$39,172.00	\$65	\$26,000.00
W-21A	54" 11.25 degree Rj bend	EA	7	\$50,000.00	\$350,000.00	\$32,800.00	\$229,600.00	\$35,000.00	\$245,000.00	\$4,800.00	\$33,600.00	\$25,261.19	\$176,828.33	\$28,250.00	\$197,750.00
W-21B	48" 11.25 degree Mj bend	EA	9	\$42,000.00	\$378,000.00	\$36,700.00	\$330,300.00	\$38,000.00	\$342,000.00	\$30,000.00	\$270,000.00	\$28,758.43	\$258,285.87	\$26,420.00	\$237,780.00
W-21C	20" 11.25 degree Mj bend	EA	1	\$8,500.00	\$8,500.00	\$5,250.00	\$5,250.00	\$5,000.00	\$5,000.00	\$8,000.00	\$8,000.00	\$3,545.40	\$3,545.40	\$4,200.00	\$4,200.00
W-21D	54" 22.5 degree Rj bend	EA	5	\$51,000.00	\$255,000.00	\$43,300.00	\$216,500.00	\$46,000.00	\$230,000.00	\$50,000.00	\$250,000.00	\$33,448.31	\$167,241.55	\$32,000.00	\$160,000.00
W-21E	48" 22.5 degree Mj bend	EA	6	\$45,000.00	\$270,000.00	\$38,100.00	\$228,600.00	\$39,000.00	\$234,000.00	\$31,000.00	\$186,000.00	\$29,873.52	\$179,241.12	\$27,650.00	\$165,900.00
W-21F	20" 22.5 degree Mj bend	EA	1	\$8,500.00	\$8,500.00	\$5,300.00	\$5,300.00	\$5,000.00	\$5,000.00	\$8,000.00	\$8,000.00	\$3,717.78	\$3,717.78	\$4,200.00	\$4,200.00
W-21G	48" 45 degree Mj bend	EA	6	\$47,500.00	\$285,000.00	\$42,400.00	\$254,400.00	\$44,000.00	\$264,000.00	\$35,000.00	\$210,000.00	\$33,219.84	\$199,319.04	\$31,250.00	\$187,500.00
W-21H	20" 45 degree Mj bend	EA	2	\$8,500.00	\$17,000.00	\$5,200.00	\$10,400.00	\$5,000.00	\$10,000.00	\$8,000.00	\$16,000.00	\$3,623.70	\$7,247.40	\$4,200.00	\$8,400.00
W-21I	12" 45 degree Mj bend	EA	6	\$3,800.00	\$22,800.00	\$2,100.00	\$12,600.00	\$2,000.00	\$12,000.00	\$1,500.00	\$9,000.00	\$1,577.21	\$9,463.26	\$1,000.00	\$6,000.00
W-21J	48" 90 degree Mj bend	EA	2	\$57,400.00	\$114,800.00	\$53,100.00	\$106,200.00	\$56,000.00	\$112,000.00	\$42,000.00	\$84,000.00	\$41,518.05	\$83,036.10	\$38,300.00	\$76,600.00
W-21K	54" Telescoping Sleeve	EA	1	\$77,000.00	\$77,000.00	\$66,000.00	\$66,000.00	\$79,000.00	\$79,000.00	\$53,000.00	\$53,000.00	\$51,878.52	\$51,878.52	\$48,000.00	\$48,000.00
W-21L	48" Mj Solid Sleeve	EA	6	\$38,700.00	\$232,200.00	\$34,200.00	\$205,200.00	\$41,000.00	\$246,000.00	\$28,000.00	\$168,000.00	\$28,110.51	\$168,663.06	\$22,000.00	\$132,000.00
W-21M	42" Mj Solid Sleeve	EA	1	\$34,000.00	\$34,000.00	\$30,400.00	\$30,400.00	\$44,000.00	\$44,000.00	\$25,000.00	\$25,000.00	\$25,137.29	\$25,137.29	\$20,000.00	\$20,000.00
W-21N	54" x 54" x 48" Rj Tee	EA	1	\$120,000.00	\$120,000.00	\$78,500.00	\$78,500.00	\$81,000.00	\$81,000.00	\$85,000.00	\$85,000.00	\$64,302.11	\$64,302.11	\$60,100.00	\$60,100.00
W-21O	48" x 48" x 48" Mj Tee	EA	3	\$99,000.00	\$297,000.00	\$82,000.00	\$246,000.00	\$116,000.00	\$348,000.00	\$63,000.00	\$189,000.00	\$59,972.36	\$179,917.08	\$65,000.00	\$195,000.00
W-21P	48" x 48" x 30" Mj Tee	EA	1	\$112,500.00	\$112,500.00	\$82,500.00	\$82,500.00	\$87,000.00	\$87,000.00	\$60,000.00	\$60,000.00	\$57,653.34	\$57,653.34	\$74,000.00	\$74,000.00
W-21Q	48" x 48" x 12" Mj Tee	EA	5	\$80,000.00	\$400,000.00	\$68,000.00	\$340,000.00	\$71,000.00	\$355,000.00	\$53,000.00	\$265,000.00	\$50,398.96	\$251,994.80	\$49,800.00	\$249,000.00
W-21R	12" x 12" x 6" Mj Tee	EA	1	\$4,000.00	\$4,000.00	\$3,100.00	\$3,100.00	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00	\$1,852.85	\$1,852.85	\$2,200.00	\$2,200.00
W-21S	20" x 20" x 20" Mj Wye	EA	1	\$23,750.00	\$23,750.00	\$15,800.00	\$15,800.00	\$16,000.00	\$16,000.00	\$13,000.00	\$13,000.00	\$11,485.14	\$11,485.14	\$12,100.00	\$12,100.00
W-21T	54"x48" Mj Reducer	EA	3	\$55,000.00	\$165,000.00	\$34,900.00	\$104,700.00	\$35,000.00	\$105,000.00	\$41,000.00	\$123,000.00	\$28,147.20	\$84,441.60	\$28,750.00	\$86,250.00
W-21U	48"x42" Mj Reducer	EA	1	\$60,000.00	\$60,000.00	\$58,425.00	\$58,425.00	\$67,000.00	\$67,000.00	\$36,000.00	\$36,000.00	\$45,190.31	\$45,190.31	\$43,085.00	\$43,085.00
W-21V	12"x6" Mj Reducer	EA	6	\$1,550.00	\$9,300.00	\$1,700.00	\$10,200.00	\$1,500.00	\$9,000.00	\$1,100.00	\$6,600.00	\$1,468.64	\$8,811.84	\$4,500.00	\$27,000.00
W-21W	48" Mj Cap	EA	1	\$24,000.00	\$24,000.00	\$11,900.00	\$11,900.00	\$29,000.00	\$29,000.00	\$26,000.00	\$26,000.00	\$22,077.67	\$22,077.67	\$16,500.00	\$16,500.00
W-21X	30" Mj Cap	EA	1	\$13,500.00	\$13,500.00	\$8,300.00	\$8,300.00	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00	\$6,169.59	\$6,169.59	\$6,200.00	\$6,200.00
W-21Y	20" Mj Cap	EA	1	\$31,000.00	\$31,000.00	\$32,400.00	\$32,400.00	\$30,000.00	\$30,000.00	\$36,000.00	\$36,000.00	\$1,996.43	\$1,996.43	\$2,000.00	\$2,000.00
W-21Z	Not Used	EA	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
W-21AA	20" Transition Coupling	EA	2	\$15,000.00	\$30,000.00	\$7,900.00	\$15,800.00	\$8,000.00	\$16,000.00	\$3,500.00	\$7,000.00	\$5,556.54	\$11,113.08	\$3,400.00	\$6,800.00
W-21BB	16" 90 degree Mj bend	EA	2	\$7,700.00	\$15,400.00	\$4,400.00	\$8,800.00	\$4,000.00	\$8,000.00	\$2,600.00	\$5,200.00	\$2,936.85	\$5,873.70	\$3,000.00	\$6,000.00
W-21CC	16" Mj Solid Sleeve	EA	3	\$7,200.00	\$21,600.00	\$4,500.00	\$13,500.00	\$5,000.00	\$15,000.00	\$2,000.00	\$6,000.00	\$3,033.55	\$9,100.65	\$2,700.00	\$8,100.00
W-21DD	54" Rj Plug	EA	2	\$39,000.00	\$78,000.00	\$31,000.00	\$62,000.00	\$31,000.00	\$62,000.00	\$45,000.00	\$90,000.00	\$24,023.49	\$48,046.98	\$26,000.00	\$52,000.00
W-21EE	48" Mj Plug	EA	1	\$30,000.00	\$30,000.00	\$28,200.00	\$28,200.00	\$28,000.00	\$28,000.00	\$31,000.00	\$31,000.00	\$15,845.80	\$15,845.80	\$19,920.00	\$19,920.00
W-21F	Medium Extension Gate Box - Cast Iron, Round Lid	EA	23	\$2,300.00	\$52,900.00	\$1,850.00	\$42,550.00	\$3,000.00	\$69,000.00	\$1,000.00	\$3,000.00	\$1,971.86	\$45,352.78	\$700	\$16,100.00
W-21G	Install New Fire Hydrant	EA	6	\$8,200.00	\$49,200.00	\$9,500.00	\$57,000.00	\$10,000.00	\$60,000.00	\$7,500.00	\$45,000.00	\$6,836.11	\$41,016.66	\$7,000.00	\$42,000.00
W-34	6" Gate Valve	EA	6	\$2,000.00	\$12,000.00	\$2,500.00	\$15,000.00	\$2,500.00	\$15,000.00	\$1,600.00	\$9,600.00	\$1,453.08	\$8,718.48	\$1,450.00	\$8,700.00
W-35	12" Gate Valve	EA	6	\$5,100.00	\$30,600.00	\$5,700.00	\$34,200.00	\$7,000.00	\$42,000.00	\$4,500.00	\$27,000.00	\$3,967.92	\$23,807.52	\$4,400.00	\$26,400.00
W-36	20" Gate Valve	EA	2	\$31,000.00	\$62,000.00	\$30,000.00	\$60,000.00	\$35,000.00	\$70,000.00	\$40,000.00	\$80,000.00	\$24,723.70	\$49,447.40	\$25,050.00	\$50,100.00
W-37	30" Gate Valve	EA	1	\$91,000.00	\$91,000.00	\$83,000.00	\$83,000.00	\$100,000.00	\$100,000.00	\$65,000.00	\$65,000.00	\$52,090.67	\$52,090.67	\$66,720.00	\$66,72

ESC-4	Filter Bag Inlet Protection	EA	5	\$230	\$1,150.00	\$200	\$1,000.00	\$200	\$1,000.00	\$125	\$625	\$182.52	\$912.60	\$100	\$500
ESC-6	Pumped Water Filter Bag	EA	6	\$630	\$3,780.00	\$250	\$1,500.00	\$1,000.00	\$6,000.00	\$450	\$2,700.00	\$777.06	\$4,662.36	\$100	\$600
ESC-8	Tree Protection Fence	EA	30	\$480	\$14,400.00	\$250	\$7,500.00	\$500	\$15,000.00	\$200	\$6,000.00	\$13.19	\$395.70	\$150	\$4,500.00
ESC-9	Compost Filter Sock, 24" in Diameter	LF	725	\$32	\$23,200.00	\$16	\$11,600.00	\$10	\$7,250.00	\$11	\$7,975.00	\$11.53	\$8,359.25	\$15	\$10,875.00
ESC-10	Trench Plug	EA	13	\$3,600.00	\$46,800.00	\$1,000.00	\$13,000.00	\$3,500.00	\$45,500.00	\$2,500.00	\$32,500.00	\$1,670.64	\$24,318.32	\$1,500.00	\$19,500.00
1	Steel to Ductile Iron Transition	EA	6	\$48,000.00	\$288,000.00	\$31,000.00	\$186,000.00	\$35,000.00	\$210,000.00	\$40,000.00	\$240,000.00	\$25,000.00	\$150,000.00	\$41,000.00	\$246,000.00
2	Marking Post	EA	10	\$600	\$6,000.00	\$250	\$2,500.00	\$1,000.00	\$10,000.00	\$250	\$2,500.00	\$89.13	\$891.30	\$750	\$7,500.00
3	Drain Line Re-route	LS	1	\$32,000.00	\$32,000.00	\$17,000.00	\$17,000.00	\$15,000.00	\$15,000.00	\$25,000.00	\$25,000.00	\$5,710.49	\$5,710.49	\$2,500.00	\$2,500.00
4	Disposal of Railroad Ties	TON	3	\$3,600.00	\$10,800.00	\$1,000.00	\$3,000.00	\$2,000.00	\$6,000.00	\$150	\$450	\$300	\$900	\$1,000.00	\$3,000.00
5	Temporary Bypass Pipe Rental, 1500 LF	Month	4	\$90,000.00	\$360,000.00	\$55,000.00	\$220,000.00	\$18,000.00	\$72,000.00	\$4,500.00	\$18,000.00	\$30,000.00	\$120,000.00	\$14,000.00	\$56,000.00
6	Concrete Blanket Rental, 1500 LF	Month	4	\$5,000.00	\$20,000.00	\$5,000.00	\$20,000.00	\$7,000.00	\$28,000.00	\$10,000.00	\$40,000.00	\$3,099.29	\$12,397.16	\$1,500.00	\$6,000.00
7	Concrete Barrier Rental, 1500 LF	Month	4	\$45,000.00	\$180,000.00	\$43,500.00	\$174,000.00	\$15,000.00	\$60,000.00	\$5,600.00	\$22,400.00	\$15,000.00	\$60,000.00	\$100	\$400
8	Disinfection of existing Highland Supply Main	EA	3	\$15,000.00	\$45,000.00	\$10,000.00	\$30,000.00	\$50,000.00	\$150,000.00	\$20,000.00	\$60,000.00	\$5,240.09	\$15,720.27	\$19,000.00	\$57,000.00