				Alex E. Paris Contracting Company, Inc.		Independent Enterprises, Inc.		Mele & Mele & Sons, Inc.		Spiniello Companies		W.A. Petrakis Contracting and Landscaping Company	
Project No.: 2019-325-103-0													
Project Name:2019 Large Diameter Water Main Improvements Rising Mains 3 and 4-Rising Main 3				$9,786,720.00		$11,986,636.00		$12,619,225.00		$13,918,515.00		$9,589,554.00	
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**
U-1	Mobilization / Demobilization, Permits, Bonds and Insurance, Maintenance and Protection of Traffic	LS	1	$486,500.00	$486,500.00	$550,000.00	$550,000.00	$310,000.00	$310,000.00	$700,000.00	$700,000.00	$435,000.00	$435,000.00
U-4	Rock and Obstruction Excavation, All Depths	CY	50	$75	$3,750.00	$100	$5,000.00	$65	$3,250.00	$400	$20,000.00	$100	$5,000.00
U-5	Exploratory Excavation and Backfill	CY	300	$60	$18,000.00	$60	$18,000.00	$125	$37,500.00	$91	$27,300.00	$60	$18,000.00
U-7	Additional Bedding Material, As Directed	CY	150	$60	$9,000.00	$40	$6,000.00	$48	$7,200.00	$55	$8,250.00	$60	$9,000.00
U-9	Concrete Anchors and Thrust Blocks	CY	60	$250	$15,000.00	$400	$24,000.00	$300	$18,000.00	$460	$27,600.00	$280	$16,800.00
U-10	Flowable Fill	CY	800	$200	$160,000.00	$200	$160,000.00	$242	$193,600.00	$400	$320,000.00	$395	$316,000.00
U-12	Flag Person	MHR	350	$95	$33,250.00	$50	$17,500.00	$75	$26,250.00	$85	$29,750.00	$81	$28,350.00
U-13	Off Duty Uniformed Officer	MHR	256	$65	$16,640.00	$55	$14,080.00	$65	$16,640.00	$75	$19,200.00	$55	$14,080.00
W-1	6" Ductile Iron Pipe Class 52	LF	20	$26	$520	$150	$3,000.00	$120	$2,400.00	$430	$8,600.00	$75	$1,500.00
W-2	12" Ductile Iron Pipe Class 52	LF	40	$56	$2,240.00	$200	$8,000.00	$270	$10,800.00	$410	$16,400.00	$220	$8,800.00
W-3	48" Ductile Iron Pipe Class 52 - non-restrained joints	LF	750	$782	$586,500.00	$946	$709,500.00	$853	$639,750.00	$1,000.00	$750,000.00	$711	$533,250.00
W-4	48" Ductile Iron Pipe Class 52 - restrained joints	LF	1200	$782	$938,400.00	$1,135.00	$1,362,000.00	$920	$1,104,000.00	$1,200.00	$1,440,000.00	$886	$1,063,200.00
W-3A	48" Steel Pipe - non-restrained joints	LF	725	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
W-4A	48" Steel Pipe - restrained joints	LF	1225	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
W-19	Extra Waterline Trench Excavation and Backfill (Greater than 12 feet deep)	CY	200	$14	$2,800.00	$70	$14,000.00	$60	$12,000.00	$100	$20,000.00	$60	$12,000.00
W-21A	12"x6" MJ Reducer	EA	3	$600	$1,800.00	$1,250.00	$3,750.00	$950	$2,850.00	$900	$2,700.00	$750	$2,250.00
W-21B	12" 45 degree MJ Bend	EA	3	$940	$2,820.00	$800	$2,400.00	$1,200.00	$3,600.00	$5,600.00	$16,800.00	$950	$2,850.00
W-21C	48" 11.25 degree Bend	EA	5	$25,500.00	$127,500.00	$22,000.00	$110,000.00	$27,000.00	$135,000.00	$25,300.00	$126,500.00	$21,650.00	$108,250.00
W-21D	48" 22.5 degree Bend	EA	2	$27,200.00	$54,400.00	$23,500.00	$47,000.00	$29,000.00	$58,000.00	$28,000.00	$56,000.00	$23,080.00	$46,160.00
W-21E	48" 45 degree Bend	EA	1	$30,200.00	$30,200.00	$26,120.00	$26,120.00	$32,000.00	$32,000.00	$31,200.00	$31,200.00	$25,650.00	$25,650.00
W-21F	48" x 48" x 48" Tee	EA	1	$46,500.00	$46,500.00	$83,000.00	$83,000.00	$54,000.00	$54,000.00	$61,000.00	$61,000.00	$46,000.00	$46,000.00
W-21G	48" x 48" x 12" Tee	EA	3	$47,500.00	$142,500.00	$46,500.00	$139,500.00	$36,000.00	$108,000.00	$52,000.00	$156,000.00	$46,000.00	$138,000.00
W-21H	48" Solid Sleeve	EA	2	$23,750.00	$47,500.00	$21,000.00	$42,000.00	$26,000.00	$52,000.00	$26,100.00	$52,200.00	$22,500.00	$45,000.00
W-21I	48" Cap	EA	1	$14,500.00	$14,500.00	$16,500.00	$16,500.00	$43,000.00	$43,000.00	$15,500.00	$15,500.00	$20,500.00	$20,500.00
W-23	Medium Extension Gate Box - Cast Iron, Round Lid	EA	9	$450	$4,050.00	$700	$6,300.00	$1,200.00	$10,800.00	$450	$4,050.00	$900	$8,100.00
W-29	Install New Fire Hydrant	EA	3	$6,800.00	$20,400.00	$6,500.00	$19,500.00	$5,500.00	$16,500.00	$6,600.00	$19,800.00	$5,800.00	$17,400.00
W-34	6" Gate Valve	EA	3	$950	$2,850.00	$1,270.00	$3,810.00	$1,000.00	$3,000.00	$2,500.00	$7,500.00	$1,800.00	$5,400.00
W-35	12" Gate Valve	EA	3	$3,000.00	$9,000.00	$2,918.00	$8,754.00	$3,400.00	$10,200.00	$3,500.00	$10,500.00	$3,200.00	$9,600.00
W-38	48" Gate Valve	EA	3	$132,000.00	$396,000.00	$150,000.00	$450,000.00	$136,000.00	$408,000.00	$140,000.00	$420,000.00	$119,700.00	$359,100.00
W-94	Aggregate Trench Backfill Above Pipe Zone	CY	1600	$52	$83,200.00	$5	$8,000.00	$45	$72,000.00	$125	$200,000.00	$60	$96,000.00
W-95	Earthen Backfill Above Pipe Zone	CY	1600	$2.50	$4,000.00	$5	$8,000.00	$10	$16,000.00	$49	$78,400.00	$45	$72,000.00
W-96	Air Relief Valve/Chamber within new pipe	EA	1	$85,000.00	$85,000.00	$155,200.00	$155,200.00	$102,000.00	$102,000.00	$136,000.00	$136,000.00	$109,500.00	$109,500.00
W-97	Air Relief Valve/Manhole within existing pipe	EA	2	$107,750.00	$215,500.00	$253,000.00	$506,000.00	$88,000.00	$176,000.00	$127,000.00	$254,000.00	$156,716.00	$313,432.00
W-98	Access Manhole within new pipe	EA	3	$65,000.00	$195,000.00	$135,500.00	$406,500.00	$118,000.00	$354,000.00	$90,000.00	$270,000.00	$103,000.00	$309,000.00
W-99	Access Manhole within existing pipe	EA	2	$88,000.00	$176,000.00	$217,000.00	$434,000.00	$73,000.00	$146,000.00	$90,000.00	$180,000.00	$156,716.00	$313,432.00
R-3	Concrete Sidewalk	SY	100	$115	$11,500.00	$40	$4,000.00	$162	$16,200.00	$110	$11,000.00	$285	$28,500.00
R-4	Concrete Deep Curb and Deep Radius Curb	LF	30	$65	$1,950.00	$100	$3,000.00	$120	$3,600.00	$93	$2,790.00	$120	$3,600.00
R-8	Milling - Wearing Course	SY	150	$5	$750	$5	$750	$15	$2,250.00	$17	$2,550.00	$20	$3,000.00
R-9	Milling - Binder Course	SY	150	$9.50	$1,425.00	$5	$750	$15	$2,250.00	$17	$2,550.00	$20	$3,000.00
R-11	Bituminous Pavement Replacement - Wearing Course	SY	250	$22.50	$5,625.00	$24.75	$6,187.50	$19	$4,750.00	$50	$12,500.00	$25	$6,250.00
R-12	Bituminous Pavement Replacement - Binder Course	SY	250	$32	$8,000.00	$41.25	$10,312.50	$22	$5,500.00	$41	$10,250.00	$75	$18,750.00
R-18	Hydroseeding	SY	4000	$2.50	$10,000.00	$0.65	$2,600.00	$1.50	$6,000.00	$1.50	$6,000.00	$7	$28,000.00
R-19	Landscape Restoration	SY	12000	$4	$48,000.00	$2	$24,000.00	$3	$36,000.00	$1	$12,000.00	$9.50	$114,000.00
R-20	Tree Clearing	LS	1	$150,500.00	$150,500.00	$20,000.00	$20,000.00	$67,000.00	$67,000.00	$259,000.00	$259,000.00	$42,500.00	$42,500.00
R-21	Crushed Stone Sub-Base	CY	60	$55	$3,300.00	$50	$3,000.00	$76	$4,560.00	$55	$3,300.00	$65	$3,900.00
ESC-1	Compost Filter Sock, up to 18" in Diameter	LF	500	$7	$3,500.00	$15	$7,500.00	$9	$4,500.00	$4.75	$2,375.00	$6	$3,000.00
ESC-2	Rock Construction Entrance	EA	1	$3,000.00	$3,000.00	$5,000.00	$5,000.00	$4,000.00	$4,000.00	$10,000.00	$10,000.00	$16,500.00	$16,500.00
ESC-4	Filter Bag Inlet Protection	EA	2	$350	$700	$150	$300	$160	$320	$500	$1,000.00	$100	$200
ESC-6	Pumped Water Filter Bag	EA	5	$150	$750	$600	$3,000.00	$700	$3,500.00	$500	$2,500.00	$100	$500
ESC-8	Tree Protection Fence	EA	30	$250	$7,500.00	$100	$3,000.00	$180	$5,400.00	$175	$5,250.00	$100	$3,000.00
ESC-9	Compost Filter Sock, 24" in Diameter	LF	750	$11	$8,250.00	$10	$7,500.00	$10	$7,500.00	$11	$8,250.00	$11	$8,250.00
ESC-10	Compost Filter Sock, 32" in Diameter	LF	1350	$19	$25,650.00	$20	$27,000.00	$12	$16,200.00	$38	$51,300.00	$14	$18,900.00
1	Steel or Wrought Iron to Ductile Iron or Steel Transition	EA	2	$44,600.00	$89,200.00	$40,000.00	$80,000.00	$39,000.00	$78,000.00	$95,000.00	$190,000.00	$76,000.00	$152,000.00
2	Lining of Nominal 50-inch Wrought Iron Pipe with CFRP	LF	1450	$1,760.00	$2,552,000.00	$2,126.50	$3,083,425.00	$3,104.00	$4,500,800.00	$2,830.00	$4,103,500.00	$1,425.00	$2,066,250.00
3	Lining of Nominal 48-inch Steel Pipe with CFRP	LF	80	$1,800.00	$144,000.00	$2,274.60	$181,968.00	$3,104.00	$248,320.00	$2,830.00	$226,400.00	$1,520.00	$121,600.00
4	Lining of Nominal 48-inch Riveted Steel Pipe with GFRP	LF	2170	$1,010.00	$2,191,700.00	$1,183.30	$2,567,761.00	$1,311.00	$2,844,870.00	$1,250.00	$2,712,500.00	$835	$1,811,950.00
5	Lining of Nominal 48-inch Cast Iron Pipe with GFRP	LF	190	$1,020.00	$193,800.00	$1,277.20	$242,668.00	$1,311.00	$249,090.00	$1,250.00	$237,500.00	$900	$171,000.00
6	Reservoir Valve Vault Modifications	LS	1	$305,000.00	$305,000.00	$251,000.00	$251,000.00	$252,000.00	$252,000.00	$342,000.00	$342,000.00	$368,000.00	$368,000.00
7	Marking Post	EA	15	$120	$1,800.00	$100	$1,500.00	$205	$3,075.00	$650	$9,750.00	$200	$3,000.00
8	Disinfection	LS	1	$33,500.00	$33,500.00	$20,000.00	$20,000.00	$8,000.00	$8,000.00	$100,000.00	$100,000.00	$12,500.00	$12,500.00
9	Landscape Restoration within Pittsburgh Zoo	LS	1	$13,000.00	$13,000.00	$25,000.00	$25,000.00	$12,000.00	$12,000.00	$50,000.00	$50,000.00	$34,000.00	$34,000.00
10	Test Stations	EA	2	$3,000.00	$6,000.00	$1,500.00	$3,000.00	$7,100.00	$14,200.00	$12,000.00	$24,000.00	$1,900.00	$3,800.00
11	Railroad Flaggers	Allowance	1	$35,000.00	$35,000.00	$35,000.00	$35,000.00	$35,000.00	$35,000.00	$35,000.00	$35,000.00	$35,000.00	$35,000.00