Project No.: 2020-325-102-0				A Folino Construction		Alex E. Paris Contracting Company, Inc.		Golden Triangle Construction		Independent Enterprises, Inc.		M. O'Herron Company		Mele & Mele & Sons, Inc.		S.E.T., Inc.		W.A. Petrakis Contracting and Landscaping Company		W.G. Tomko, Inc.	
Project Name: Bus Rapid transit Water Distribution Improvements			Total Cost	$11,899,999.00		$18,502,136.20		$21,595,956.95		$12,677,434.75		$17,897,999.00		$13,563,690.58		$15,474,609.96		$16,720,076.50		$18,333,699.47	
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	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	$528,043.09	$528,043.09	$800,444.00	$800,444.00	$1,000,000.00	$1,000,000.00	$450,000.00	$450,000.00	$500,000.00	$500,000.00	$650,000.00	$650,000.00	$319,830.00	$319,830.00	$520,000.00	$520,000.00	$434,843.40	$434,843.40
U-4	Rock & Obstruction Excavation, All Depths	CY	10	$61.46	$614.60	$237	$2,370.00	$45	$450	$750	$7,500.00	$75	$750	$100	$1,000.00	$150	$1,500.00	$70	$700	$150	$1,500.00
U-5	Exploratory Excavation and Backfill	CY	200	$97.74	$19,548.00	$240	$48,000.00	$45	$9,000.00	$55	$11,000.00	$75	$15,000.00	$150	$30,000.00	$72	$14,400.00	$95	$19,000.00	$372.03	$74,405.66
U-7	Additional Bedding Material, As Directed	CY	100	$44.74	$4,474.00	$101	$10,100.00	$53	$5,300.00	$35	$3,500.00	$52	$5,200.00	$45	$4,500.00	$70.65	$7,065.00	$50	$5,000.00	$53.51	$5,350.67
U-8	Concrete Encasement	CY	120	$214.20	$25,704.00	$311	$37,320.00	$380	$45,600.00	$150	$18,000.00	$155	$18,600.00	$200	$24,000.00	$307.50	$36,900.00	$235	$28,200.00	$169.86	$20,383.50
U-9	Concrete Anchors and Thrust Blocks	CY	380	$243.91	$92,685.80	$350	$133,000.00	$380	$144,400.00	$150	$57,000.00	$155	$58,900.00	$250	$95,000.00	$315.56	$119,912.80	$200	$76,000.00	$169.86	$64,547.75
U-10	Flowable Fill	CY	1130	$205.31	$232,000.30	$199	$224,870.00	$275	$310,750.00	$130	$146,900.00	$175	$197,750.00	$200	$226,000.00	$156	$176,280.00	$300	$339,000.00	$206.55	$233,404.66
U-11	Bypass/Dewatering Pumping as Directed	MHR	80	$40.32	$3,225.60	$216	$17,280.00	$100	$8,000.00	$50	$4,000.00	$30	$2,400.00	$60	$4,800.00	$140	$11,200.00	$45	$3,600.00	$25	$2,000.00
U-12	Flag Person	MHR	900	$77.33	$69,597.00	$67	$60,300.00	$77	$69,300.00	$75	$67,500.00	$60	$54,000.00	$72	$64,800.00	$75	$67,500.00	$64	$57,600.00	$508.20	$457,380.00
U-13	Off Duty Uniformed Officer	MHR	250	$60.76	$15,190.00	$66	$16,500.00	$80	$20,000.00	$55	$13,750.00	$55	$13,750.00	$65	$16,250.00	$65	$16,250.00	$58	$14,500.00	$80	$20,000.00
U-14	Miscellaneous Work Time for a Full Crew	CHR	304	$632.25	$192,204.00	$698	$212,192.00	$486	$147,744.00	$700	$212,800.00	$725	$220,400.00	$300	$91,200.00	$330	$100,320.00	$500	$152,000.00	$573.28	$174,277.12
U-15	Miscellaneous Premium Work for Full Time Crew	CHR	320	$365.84	$117,068.80	$1,046.00	$334,720.00	$245	$78,400.00	$100	$32,000.00	$365	$116,800.00	$150	$48,000.00	$495	$158,400.00	$550	$176,000.00	$785.81	$251,460.00
U-501	Erosion and Sedimentation Control	LS	1	$11,266.57	$11,266.57	$58,000.00	$58,000.00	$78,000.00	$78,000.00	$10,000.00	$10,000.00	$10,000.00	$10,000.00	$15,000.00	$15,000.00	$52,064.00	$52,064.00	$3,500.00	$3,500.00	$21,344.84	$21,344.84
W-1	4" Ductile Iron Pipe, Class 52, Zinc Coated	LF	270	$137.35	$37,084.50	$424	$114,480.00	$475	$128,250.00	$100	$27,000.00	$130	$35,100.00	$215	$58,050.00	$119.35	$32,224.50	$225	$60,750.00	$142.84	$38,566.80
W-2	6" Ductile Iron Pipe, Class 52, Zinc Coated	LF	1710	$110.77	$189,416.70	$294	$502,740.00	$551	$942,210.00	$100	$171,000.00	$132	$225,720.00	$165	$282,150.00	$117.33	$200,634.30	$245	$418,950.00	$150.91	$258,056.10
W-3	8" Ductile Iron Pipe, Class 52, Zinc Coated	LF	2030	$143.43	$291,162.90	$254	$515,620.00	$548	$1,112,440.00	$120	$243,600.00	$169	$343,070.00	$290	$588,700.00	$175.93	$357,137.90	$265	$537,950.00	$169.63	$344,348.90
W-5	12" Ductile Iron Pipe, Class 52, Zinc Coated	LF	360	$166.83	$60,058.80	$344	$123,840.00	$687	$247,320.00	$125	$45,000.00	$227	$81,720.00	$335.00	$120,598.91	$156.14	$56,210.40	$300	$108,000.00	$238.40	$85,824.00
W-6	16" Ductile Iron Pipe, Class 52, Zinc Coated	LF	8710	$180.60	$1,573,026.00	$334	$2,909,140.00	$332	$2,891,720.00	$215	$1,872,650.00	$589	$5,130,190.00	$311	$2,708,810.00	$288.55	$2,513,270.50	$330	$2,874,300.00	$436.29	$3,800,044.74
W-8	20" Ductile Iron Pipe, Class 52, Zinc Coated	LF	5430	$201.99	$1,096,805.70	$374	$2,030,820.00	$348	$1,889,640.00	$260	$1,411,800.00	$615	$3,339,450.00	$290	$1,574,700.00	$374.01	$2,030,874.30	$340	$1,846,200.00	$523.04	$2,840,093.59
W-9	24" Ductile Iron Pipe, Class 52, Zinc Coated	LF	450	$260.62	$117,279.00	$434	$195,300.00	$480	$216,000.00	$350	$157,500.00	$648	$291,600.00	$302	$135,900.00	$255.74	$115,083.00	$385	$173,250.00	$1,073.43	$483,043.50
W-15	Public Water Service Line - PEXa - All Sizes	LF	2652	$63.96	$169,621.92	$115	$304,980.00	$170	$450,840.00	$75	$198,900.00	$69	$182,988.00	$118	$312,936.00	$48.36	$128,250.72	$70	$185,640.00	$167.42	$443,984.58
W-19	Extra Waterline Trench Excavation and Backfill (Greater than 8 feet deep)	CY	550	$104.08	$57,244.00	$99	$54,450.00	$160	$88,000.00	$40	$22,000.00	$125	$68,750.00	$38	$20,900.00	$67.20	$36,960.00	$75	$41,250.00	$131.66	$72,411.90
W-20	Service Line Connection - Wet or Dry Tap (1")	EA	169	$747.27	$126,288.63	$2,104.00	$355,576.00	$3,375.00	$570,375.00	$1,750.00	$295,750.00	$500	$84,500.00	$600	$101,400.00	$539.29	$91,140.01	$2,500.00	$422,500.00	$139.26	$23,534.94
W-21	Mechanical Joint Ductile Iron Fittings	LB	112250	$7.20	$808,200.00	$14.04	$1,575,990.00	$8.25	$926,062.50	$7.75	$869,937.50	$5.50	$617,375.00	$6.50	$729,625.00	$11.32	$1,270,670.00	$10	$1,122,500.00	$8.15	$915,331.40
W-23	Medium Extension Gate Box - Cast Iron, Round Lid	EA	260	$551.52	$143,395.20	$626	$162,760.00	$520	$135,200.00	$410	$106,600.00	$425	$110,500.00	$500	$130,000.00	$899	$233,740.00	$450	$117,000.00	$1,091.84	$283,878.40
W-24	Remove and Salvage Existing Deep Frame and Cover, Risers and/or M.E.G. Box Outside of Trench	EA	12	$117.60	$1,411.20	$632	$7,584.00	$275	$3,300.00	$200	$2,400.00	$125	$1,500.00	$100	$1,200.00	$502.50	$6,030.00	$175	$2,100.00	$2,128.77	$25,545.24
W-26	Precast Valve Manhole (8 Feet Depth)	EA	81	$6,150.79	$498,213.99	$7,250.00	$587,250.00	$9,160.00	$741,960.00	$4,500.00	$364,500.00	$8,500.00	$688,500.00	$4,250.00	$344,250.00	$4,506.30	$365,010.30	$7,400.00	$599,400.00	$8,129.62	$658,498.88
W-28	Reset Existing Fire Hydrant to New Water Line	EA	12	$2,418.38	$29,020.56	$1,715.00	$20,580.00	$1,100.00	$13,200.00	$3,500.00	$42,000.00	$1,800.00	$21,600.00	$1,200.00	$14,400.00	$1,000.00	$12,000.00	$2,750.00	$33,000.00	$719	$8,628.00
W-29	Install New Fire Hydrant	EA	40	$5,069.04	$202,761.60	$3,850.00	$154,000.00	$3,750.00	$150,000.00	$5,000.00	$200,000.00	$4,700.00	$188,000.00	$4,000.00	$160,000.00	$3,382.82	$135,312.80	$3,850.00	$154,000.00	$919.56	$36,782.40
W-32	4" to 12" Sewer Lateral Encountered in Water Line Trench	LF	87	$167.10	$14,537.70	$325	$28,275.00	$53	$4,611.00	$70	$6,090.00	$38	$3,306.00	$150	$13,050.00	$580.18	$50,475.66	$65	$5,655.00	$150	$13,050.00
W-33	15" to 18" Sewer Encountered in Water Line Trench	LF	220	$226.33	$49,792.60	$545	$119,900.00	$86	$18,920.00	$80	$17,600.00	$75	$16,500.00	$155	$34,100.00	$1,746.39	$384,205.80	$100	$22,000.00	$170	$37,400.00
W-35	Gate Valve Installed as Part of New Water Line - 6"	EA	121	$1,218.38	$147,423.98	$1,111.00	$134,431.00	$930	$112,530.00	$1,200.00	$145,200.00	$950	$114,950.00	$930	$112,530.00	$987.24	$119,456.04	$950	$114,950.00	$80.84	$9,781.28
W-36	Gate Valve Installed as Part of New Water Line - 8"	EA	52	$1,567.22	$81,495.44	$1,525.00	$79,300.00	$1,375.00	$71,500.00	$1,800.00	$93,600.00	$1,400.00	$72,800.00	$1,300.00	$67,600.00	$1,440.02	$74,881.04	$1,500.00	$78,000.00	$81	$4,212.00
W-38	Gate Valve Installed as Part of New Water Line - 12"	EA	6	$2,814.75	$16,888.50	$2,800.00	$16,800.00	$2,650.00	$15,900.00	$3,500.00	$21,000.00	$3,000.00	$18,000.00	$2,500.00	$15,000.00	$2,520.06	$15,120.36	$2,620.00	$15,720.00	$83	$498
W-39	Gate Valve Installed as Part of New Water Line - 16"	EA	56	$10,151.65	$568,492.40	$10,400.00	$582,400.00	$10,950.00	$613,200.00	$10,750.00	$602,000.00	$9,450.00	$529,200.00	$9,600.00	$537,600.00	$9,840.54	$551,070.24	$9,635.00	$539,560.00	$3,094.67	$173,301.52
W-41	Gate Valve Installed as Part of New Water Line - 20"	EA	24	$18,397.13	$441,531.12	$17,400.00	$417,600.00	$18,350.00	$440,400.00	$23,000.00	$552,000.00	$15,500.00	$372,000.00	$15,500.00	$372,000.00	$21,455.55	$514,933.20	$15,965.00	$383,160.00	$3,089.40	$74,145.60
W-42	Gate Valve Installed as Part of New Water Line - 24"	EA	2	$24,428.56	$48,857.12	$23,400.00	$46,800.00	$25,325.00	$50,650.00	$30,000.00	$60,000.00	$23,000.00	$46,000.00	$20,500.00	$41,000.00	$28,144.66	$56,289.32	$21,345.00	$42,690.00	$3,089.00	$6,178.00
W-59	Waterline - Line Stop (Single) - 6" through 18"	IN	468	$795.86	$372,462.48	$2,151.00	$1,006,668.00	$2,050.00	$959,400.00	$800	$374,400.00	$950	$444,600.00	$350	$163,800.00	$1,200.00	$561,600.00	$2,000.00	$936,000.00	$148	$69,264.00
W-61	Waterline - Line Stop (Single) - 20" through 24"	IN	44	$781.20	$34,372.80	$2,826.00	$124,344.00	$3,100.00	$136,400.00	$1,000.00	$44,000.00	$1,250.00	$55,000.00	$600	$26,400.00	$1,242.50	$54,670.00	$2,300.00	$101,200.00	$294	$12,936.00
W-72	Water Service Line Termination	EA	66	$2,313.43	$152,686.38	$1,275.00	$84,150.00	$3,115.00	$205,590.00	$1,500.00	$99,000.00	$2,500.00	$165,000.00	$450	$29,700.00	$894.60	$59,043.60	$800	$52,800.00	$3,422.10	$225,858.60
W-86	Service Line Material Verification	EA	241	$856.01	$206,298.41	$1,206.00	$290,646.00	$785	$189,185.00	$1,000.00	$241,000.00	$950	$228,950.00	$900	$216,900.00	$150	$36,150.00	$895	$215,695.00	$180	$43,380.00
W-87	Private Water Service Line Replacement, 2" Diameter and Less – 0 to 20 LF in Total Length	EA	134	$3,261.84	$437,086.56	$3,900.00	$522,600.00	$6,985.00	$935,990.00	$2,300.00	$308,200.00	$4,000.00	$536,000.00	$3,500.00	$469,000.00	$964.35	$129,222.90	$4,300.00	$576,200.00	$1,904.00	$255,136.00
W-88	Private Water Service Line Replacement, 2" Diameter and Less – Greater Than 20 LF in Total Length	LF	1052	$44.06	$46,351.12	$86	$90,472.00	$515	$541,780.00	$80	$84,160.00	$75	$78,900.00	$85	$89,420.00	$55.33	$58,207.16	$60	$63,120.00	$1,904.00	$2,003,008.00
W-90	Installation of Service Line Through Concrete Floor	EA	4	$1,606.42	$6,425.68	$7,700.00	$30,800.00	$2,655.00	$10,620.00	$1,200.00	$4,800.00	$1,500.00	$6,000.00	$500	$2,000.00	$1,500.00	$6,000.00	$865	$3,460.00	$3,932.50	$15,730.00
W-95	Remove and salvage existing Fire Hydrant	EA	40	$452.74	$18,109.60	$1,072.00	$42,880.00	$1,200.00	$48,000.00	$100	$4,000.00	$500	$20,000.00	$700	$28,000.00	$600	$24,000.00	$475	$19,000.00	$719	$28,760.00
W-96	Washout Manhole Removal	EA	8	$1,095.96	$8,767.68	$1,585.00	$12,680.00	$1,525.00	$12,200.00	$1,000.00	$8,000.00	$1,500.00	$12,000.00	$1,500.00	$12,000.00	$1,000.00	$8,000.00	$675	$5,400.00	$4,000.00	$32,000.00
S-63	Catch Basin - Type 13 Modified	EA	2	$5,342.92	$10,685.84	$5,400.00	$10,800.00	$9,375.00	$18,750.00	$6,500.00	$13,000.00	$7,850.00	$15,700.00	$7,000.00	$14,000.00	$5,165.20	$10,330.40	$8,500.00	$17,000.00	$2,500.00	$5,000.00
S-65	Catch Basin - Type 13	EA	2	$5,342.92	$10,685.84	$5,200.00	$10,400.00	$9,300.00	$18,600.00	$6,500.00	$13,000.00	$3,800.00	$7,600.00	$7,000.00	$14,000.00	$5,165.20	$10,330.40	$8,000.00	$16,000.00	$2,800.00	$5,600.00
S-69	Catch Basin/Inlet Tie-in	EA	4	$444.01	$1,776.04	$3,900.00	$15,600.00	$2,350.00	$9,400.00	$1,500.00	$6,000.00	$250	$1,000.00	$500	$2,000.00	$800	$3,200.00	$650	$2,600.00	$2,471.00	$9,884.00
R-1	Concrete Paving Base (All Classes)	CY	3962	$326.88	$1,295,098.56	$424	$1,679,888.00	$793	$3,141,866.00	$450	$1,782,900.00	$395	$1,564,990.00	$385	$1,525,370.00	$488.38	$1,934,961.56	$505	$2,000,810.00	$120	$475,440.00
R-2	Reinforced Concrete Street and Driveways	CY	60	$407.54	$24,452.40	$495	$29,700.00	$752	$45,120.00	$600	$36,000.00	$425	$25,500.00	$350	$21,000.00	$564.06	$33,843.60	$500	$30,000.00	$120	$7,200.00
R-3	Concrete Sidewalk and ADA Handicapped Ramp	SY	1360	$106.32	$144,595.20	$115	$156,400.00	$93	$126,480.00	$130	$176,800.00	$40	$54,400.00	$110	$149,600.00	$155.75	$211,820.00	$130	$176,800.00	$150	$204,000.00
R-4	Concrete Deep Curb and Deep Radius Curb	LF	2016	$65.70	$132,451.20	$53	$106,848.00	$63	$127,008.00	$65	$131,040.00	$42	$84,672.00	$30	$60,480.00	$75	$151,200.00	$75	$151,200.00	$120	$241,920.00
R-5	Concrete Deck Curb and Deck Radius Curb (All Finishes)	LF	224	$65.70	$14,716.80	$51	$11,424.00	$59	$13,216.00	$45	$10,080.00	$44	$9,856.00	$22	$4,928.00	$35	$7,840.00	$48	$10,752.00	$150	$33,600.00
R-7	Cold Patch Bituminous Pavement Replacement	TON	1171	$104.95	$122,896.45	$133	$155,743.00	$150	$175,650.00	$115	$134,665.00	$105	$122,955.00	$135	$158,085.00	$205	$240,055.00	$105	$122,955.00	$97.50	$114,172.50
R-11	Bituminous Pavement Replacement - Wearing Course	SY	14195	$12.16	$172,611.20	$13	$184,535.00	$15.50	$220,022.50	$12	$170,340.00	$8	$113,560.00	$12.50	$177,437.50	$26.74	$379,574.30	$14	$198,730.00	$59.35	$842,473.25
R-12	Bituminous Pavement Replacement - Binder Course - Primary Street	SY	12780	$17.77	$227,100.60	$15	$191,700.00	$27	$345,060.00	$16	$204,480.00	$12.50	$159,750.00	$19.50	$249,210.00	$40.25	$514,395.00	$16	$204,480.00	$51.35	$656,253.00
R-13	Bituminous Pavement Replacement - Binder	SY	1415	$20.70	$29,290.50	$17	$24,055.00	$20	$28,300.00	$12.75	$18,041.25	$12	$16,980.00	$23.50	$33,252.50	$39.49	$55,878.35	$16	$22,640.00	$51.35	$72,660.25
R-15	Brick Street Repaving	SY	65	$60.74	$3,948.10	$194	$12,610.00	$815	$52,975.00	$80	$5,200.00	$165	$10,725.00	$100	$6,500.00	$305	$19,825.00	$90	$5,850.00	$180	$11,700.00
R-17	Salvage and Deliver Blockstone and Brick	SY	9269	$3.22	$29,846.18	$8	$74,152.00	$7.15	$66,273.35	$1	$9,269.00	$1	$9,269.00	$0.50	$4,634.50	$14	$129,766.00	$10	$92,690.00	$35	$324,415.00
R-19	Landscape Restoration	SY	170	$16.83	$2,861.10	$49	$8,330.00	$130	$22,100.00	$25	$4,250.00	$10	$1,700.00	$10	$1,700.00	$49.94	$8,489.80	$12	$2,040.00	$40	$6,800.00
R-21	Crushed Stone Sub-Base	CY	3510	$39.91	$140,084.10	$110	$386,100.00	$41	$143,910.00	$35	$122,850.00	$54	$189,540.00	$60.00	$210,606.17	$67.20	$235,872.00	$52	$182,520.00	$26.75	$93,892.50
R-22	4" Underdrain	LF	2240	$12.54	$28,089.60	$22	$49,280.00	$27	$60,480.00	$10	$22,400.00	$6	$13,440.00	$11	$24,640.00	$16.30	$36,512.00	$14	$31,360.00	$18	$40,320.00
R-25	4" Traffic Markings	LF	20255	$0.55	$11,140.25	$0.80	$16,204.00	$0.55	$11,140.25	$1.50	$30,382.50	$2	$40,510.00	$0.50	$10,127.50	$0.55	$11,140.25	$1.30	$26,331.50	$1.50	$30,382.50
R-25A	12" Traffic Markings	LF	2819	$4.97	$14,010.43	$5.20	$14,658.80	$4.65	$13,108.35	$4.50	$12,685.50	$5	$14,095.00	$4.50	$12,685.50	$4.95	$13,954.05	$5	$14,095.00	$2.50	$7,047.50
R-25B	24" Traffic Markings	LF	344	$9.39	$3,230.16	$9.60	$3,302.40	$8.75	$3,010.00	$8.50	$2,924.00	$9.50	$3,268.00	$8.25	$2,839.00	$9.35	$3,216.40	$12	$4,128.00	$3.50	$1,204.00
R-27	Traffic Loop Detector (Loop - 10' x 20')	EA	3	$1,988.55	$5,965.65	$10,500.00	$31,500.00	$8,820.00	$26,460.00	$750	$2,250.00	$2,500.00	$7,500.00	$3,000.00	$9,000.00	$2,500.00	$7,500.00	$2,400.00	$7,200.00	$2,800.00	$8,400.00
R-38	Dry Stone / Block Wall Replacement	SY	42	$53.81	$2,260.02	$187	$7,854.00	$245	$10,290.00	$20	$840	$60	$2,520.00	$10	$420	$300	$12,600.00	$65	$2,730.00	$180	$7,560.00
R-39	Concrete Steps or Concrete Retaining Wall Replacement	CY	30	$418.65	$12,559.50	$1,660.00	$49,800.00	$1,870.00	$56,100.00	$900	$27,000.00	$400	$12,000.00	$126	$3,780.00	$850	$25,500.00	$850	$25,500.00	$240	$7,200.00
R-45	Concrete Cap with Bond Breaker	CY	133	$418.65	$55,680.45	$375	$49,875.00	$300	$39,900.00	$50	$6,650.00	$300	$39,900.00	$350	$46,550.00	$207.50	$27,597.50	$505	$67,165.00	$180	$23,940.00
R-45A	Temporary Winter Concrete Base and Cap	CY	95	$418.64	$39,770.80	$215	$20,425.00	$320	$30,400.00	$50	$4,750.00	$350	$33,250.00	$385	$36,575.00	$207.50	$19,712.50	$400	$38,000.00	$195	$18,525.00