

Water Service Investigations and Lead Service Replacements Contract A, City of Tonawanda Project No. 202500008				Engineers Estimate		New Frontier Excavating & Paving, Inc. 7003 Brown Hill Road Boston, NY 14025		Russo Development, Inc. 3710 Milestrip Road Blasdell, NY 14219		Kandey Company, Inc. 19 Ransier Drive West Seneca, NY 14224	
ITEM NO.	DESCRIPTION	QUANTITY	UNIT OF MEASURE	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
5A	Rock Excavation	100.0	CY	\$ 250.00	\$ 25,000.00	\$ 0.00	\$ 0.00	\$ 50.00	\$ 5,000.00	\$ 350.00	\$ 35,000.00
6A	Furnish and Install Select Backfill	300.0	CY	\$ 65.00	\$ 19,500.00	\$ 58.24	\$ 17,472.00	\$ 75.00	\$ 22,500.00	\$ 70.00	\$ 21,000.00
8A1	Service Replacement/Installation 3/4-inch to 1-inch (Public Side)	500.0	EA	\$ 3,500.00	\$ 1,750,000.00	\$ 3,457.47	\$ 1,728,735.00	\$ 4,200.00	\$ 2,100,000.00	\$ 4,200.00	\$ 2,100,000.00
8A2	Service Replacement/Installation 1 1/2-inch and Larger (Public Side)	5.0	EA	\$ 4,000.00	\$ 20,000.00	\$ 6,723.93	\$ 33,619.65	\$ 5,000.00	\$ 25,000.00	\$ 6,000.00	\$ 30,000.00
8A3	Service Replacement/Installation 3/4-inch to 1-inch (Private Side)	90.0	EA	\$ 5,000.00	\$ 450,000.00	\$ 6,354.83	\$ 571,934.70	\$ 3,200.00	\$ 288,000.00	\$ 5,700.00	\$ 513,000.00
8A4	Service Replacement/Installation 1 1/2-inch and Larger (Private Side)	5.0	EA	\$ 6,000.00	\$ 30,000.00	\$ 7,572.24	\$ 37,861.20	\$ 3,500.00	\$ 17,500.00	\$ 6,000.00	\$ 30,000.00
8B1	Furnish and Install 3/4-inch to 1-inch Copper Tubing (Public Side)	15000.0	LF	\$ 20.00	\$ 300,000.00	\$ 8.40	\$ 126,000.00	\$ 20.00	\$ 300,000.00	\$ 11.00	\$ 165,000.00
8B2	Furnish and Install 1 1/2-inch and Larger Copper Tubing (Public Side)	150.0	LF	\$ 30.00	\$ 4,500.00	\$ 27.26	\$ 4,089.00	\$ 50.00	\$ 7,500.00	\$ 25.00	\$ 3,750.00
8B3	Furnish and Install 3/4-inch to 1-inch Copper Tubing (Private Side)	6000.0	LF	\$ 30.00	\$ 180,000.00	\$ 8.40	\$ 50,400.00	\$ 20.00	\$ 120,000.00	\$ 11.00	\$ 66,000.00
8B4	Furnish and Install 1 1/2-inch and Larger Copper Tubing (Private Side)	200.0	LF	\$ 50.00	\$ 10,000.00	\$ 27.26	\$ 5,452.00	\$ 50.00	\$ 10,000.00	\$ 25.00	\$ 5,000.00
11A1	Furnish and Install Concrete Sidewalk	500.0	SY	\$ 90.00	\$ 45,000.00	\$ 163.95	\$ 81,975.00	\$ 200.00	\$ 100,000.00	\$ 250.00	\$ 125,000.00
11A2	Furnish and Install Concrete Driveway	1100.0	SY	\$ 100.00	\$ 110,000.00	\$ 151.99	\$ 167,189.00	\$ 220.00	\$ 242,000.00	\$ 250.00	\$ 275,000.00
11A4	Furnish and Install Concrete Curb/Gutter	600.0	LF	\$ 150.00	\$ 90,000.00	\$ 0.00	\$ 0.00	\$ 75.00	\$ 45,000.00	\$ 200.00	\$ 120,000.00
11B2	Furnish and Install Asphalt Driveway/Parking Lot	600.0	SY	\$ 80.00	\$ 48,000.00	\$ 57.63	\$ 34,578.00	\$ 140.00	\$ 84,000.00	\$ 375.00	\$ 225,000.00
11B3	Furnish and Install Asphalt Pavement - Top Course (1.5" depth)	2000.0	SY	\$ 15.00	\$ 30,000.00	\$ 20.35	\$ 40,700.00	\$ 65.00	\$ 130,000.00	\$ 22.00	\$ 44,000.00
11B4	Furnish and Install Asphalt Pavement - Binder Course (2.5" depth)	2000.0	SY	\$ 25.00	\$ 50,000.00	\$ 23.90	\$ 47,800.00	\$ 75.00	\$ 150,000.00	\$ 28.00	\$ 56,000.00
11B5	Furnish and Install Asphalt Pavement - Base Course (4" depth)	2000.0	SY	\$ 30.00	\$ 60,000.00	\$ 65.69	\$ 131,380.00	\$ 90.00	\$ 180,000.00	\$ 48.00	\$ 96,000.00
11B6	Cold Milling and Placement of Asphalt Pavement (1.5" depth)	8500.0	SY	\$ 30.00	\$ 255,000.00	\$ 17.18	\$ 146,030.00	\$ 85.00	\$ 722,500.00	\$ 105.00	\$ 892,500.00
11C1	Landscape Restoration	300.0	SY	\$ 20.00	\$ 6,000.00	\$ 24.88	\$ 7,464.00	\$ 150.00	\$ 45,000.00	\$ 450.00	\$ 135,000.00
13A	Extra Excavation (8 to 10 feet depth of cover)	200.0	LF	\$ 20.00	\$ 4,000.00	\$ 11.41	\$ 2,282.00	\$ 100.00	\$ 20,000.00	\$ 80.00	\$ 16,000.00
13B	Extra Excavation (10 to 12 feet depth of cover)	100.0	LF	\$ 30.00	\$ 3,000.00	\$ 22.82	\$ 2,282.00	\$ 100.00	\$ 10,000.00	\$ 103.00	\$ 10,300.00
14A	Repair Crew Labor and Equipment	200.0	HR	\$ 500.00	\$ 100,000.00	\$ 528.40	\$ 105,680.00	\$ 500.00	\$ 100,000.00	\$ 825.00	\$ 165,000.00
16A	Contingency Allowance	1.0	LS	\$ 350,000.00	\$ 350,000.00	\$ 350,000.00	\$ 350,000.00	\$ 350,000.00	\$ 350,000.00	\$ 350,000.00	\$ 350,000.00
19A	Vacuum Excavation to Determine Service Material in Lawn Area	1700.0	EA	\$ 600.00	\$ 1,020,000.00	\$ 337.68	\$ 574,056.00	\$ 625.00	\$ 1,062,500.00	\$ 1,050.00	\$ 1,785,000.00
20A	Excavation to Determine Service Material in Asphalt/Concrete Areas	300.0	EA	\$ 800.00	\$ 240,000.00	\$ 339.40	\$ 101,820.00	\$ 875.00	\$ 262,500.00	\$ 1,200.00	\$ 360,000.00
21A	New Penetration of Foundation Wall or Floor	40.0	EA	\$ 2,500.00	\$ 100,000.00	\$ 665.66	\$ 26,626.40	\$ 250.00	\$ 10,000.00	\$ 800.00	\$ 32,000.00
Total Construction Cost					\$ 5,300,000.00	\$ 4,395,425.95		\$ 6,409,000.00		\$ 7,655,550.00	