

Downtown Valve Replacement

File # 200601

Item	Description	Unit	Estimated Quantity
114	Type A Lighted Arrow Board, Furnished and Operated	EA	4
130	Protective Fencing	FT	1200
140	Exploratory Excavations (0-10deep) Tr Det 1	EA	4
201	Project Supervision, Max \$ 20,000	LS	1
202	General Conditions, Max \$ 40,000	LS	1
203	Minor Traffic Control Max \$ 40,000	LS	1
204	Audiovisual Tape Coverage	LS	1
213	8 inch Insertion Valve in Box	EA	4
214	8 inch Insertion Valve in Box	EA	1
215	10 inch Insertion Valve in Box	EA	2
216	12 inch Insertion Valve in Box	EA	2
217	Line Stop 6" to 8"	EA	2
218	Line Stop 10" to 12"	EA	2
222	HMA Pavement	TON	150
230	Remove Concrete Curb or Gutter - Any Type	FT	100
231	Remove Concrete Sidewalk and Driveway- Any Thickness	SFT	300
232	Concrete Curb or Gutter - Any Type	LF	100
237	8-inch Concrete Sidewalk, Ramp, or Drive	SF	200
240	Detectable Warning Surface	SF	20
245	Adjust Structure Cover	EA	4
255	4" or 6" Lead Remove and Replace in Trench	EA	20
262	Aggregate Base Course 10 inch, 21AA - C.I.P.	CY	150
270	"No Parking" Signs	EA	10
272	Plastic Drum - Lighted, Furnished and Operated	EA	375
273	Type III Lighted Barricade, Furnished & Operated	EA	20
274	Temporary Type B Signs	SF	1300
290	Mulch Blanket, Modified	SYD	100
291	Remove and Replace Brick Pavers, Any Type	SFT	150
295	Pxvt Mkn Overlay Cold Plastic 24 Inch White	FT	50
296	Pxvt Mkn Overlay Cold Plastic White Bike Sharrow	EA	2
298	Pxvt Mkn Overlay Cold Plastic 6 Inch White	FT	50
320	12 inch Class IV RCP Trench Detail 1 Modified	FT	20
385	Sewer Pipe Abandonment	LF	20
391	Pipe Undercut & Refill (BAI)	CY	30
402	Class 50 W/Poly-Wrap 6 inch TD-2 Modified	FT	40
403	Class 50 W/Poly-Wrap 8 inch TD-2 Modified	FT	20
404	Class 50 W/Poly-Wrap 10 inch TD-2 Modified	FT	20
405	Class 50 W/Poly-Wrap 12 inch TD-2 Modified	FT	20
406	Class 50 W/Poly-Wrap 16 inch TD-2 Modified	FT	45
418	DIP 16" x 16" x 16" Tee	EA	1
433	DIP 16" x 16" x 16" Tee	EA	1
444	6 inch Gate Valve in Box	EA	2
445	8 inch Gate Valve in Box	EA	1
446	10 inch Gate Valve in Box	EA	1
447	12 inch Gate Valve in Box	EA	1
448	16 inch Gate Valve in Well	EA	3
481	Water Main Pipe Abandonment	LF	150
483	Gate Valve in Well Abandonment	EA	3
500	Remove Pavement	SYD	350
484	Gate Valve in Box Abandonment	EA	8
585	Pxvt Mkn Hot-Applied Thermoplastic 4 inch Yellow	FT	50
703	Inlet Filter	EA	11
882	Seeding and Mulching	SYD	100
891	Cleanup & Restoration	LS	1

Engineer's Estimate		Lawrence M. Clarke, Inc.		Douglas N. Higgins, Inc.		E.T. Mackenzie Company	
Estimated Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
\$ 1,000.00	\$ 4,000.00	\$ 500.00	\$ 2,000.00	\$ 750.00	\$ 3,000.00	\$ 600.00	\$ 2,400.00
\$ 2.00	\$ 2,400.00	\$ 10.00	\$ 12,000.00	\$ 5.00	\$ 6,000.00	\$ 3.00	\$ 3,600.00
\$ 1,500.00	\$ 6,000.00	\$ 1,500.00	\$ 6,000.00	\$ 1,500.00	\$ 6,000.00	\$ 3,000.00	\$ 12,000.00
\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
\$ 40,000.00	\$ 40,000.00	\$ 30,000.00	\$ 30,000.00	\$ 40,000.00	\$ 40,000.00	\$ 31,198.50	\$ 31,198.50
\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 10,000.00	\$ 10,000.00
\$ 3,000.00	\$ 3,000.00	\$ 7,000.00	\$ 7,000.00	\$ 2,500.00	\$ 2,500.00	\$ 4,500.00	\$ 4,500.00
\$ 8,000.00	\$ 30,000.00	\$ 20,000.00	\$ 100,000.00	\$ 28,500.00	\$ 142,500.00	\$ 27,400.00	\$ 137,000.00
\$ 9,000.00	\$ 9,000.00	\$ 21,000.00	\$ 21,000.00	\$ 30,000.00	\$ 30,000.00	\$ 28,800.00	\$ 28,800.00
\$ 12,000.00	\$ 24,000.00	\$ 30,000.00	\$ 60,000.00	\$ 38,500.00	\$ 77,000.00	\$ 35,600.00	\$ 71,200.00
\$ 15,000.00	\$ 30,000.00	\$ 32,000.00	\$ 64,000.00	\$ 42,000.00	\$ 84,000.00	\$ 37,400.00	\$ 74,800.00
\$ 9,000.00	\$ 18,000.00	\$ 17,000.00	\$ 34,000.00	\$ 18,000.00	\$ 36,000.00	\$ 9,500.00	\$ 19,000.00
\$ 12,000.00	\$ 24,000.00	\$ 20,000.00	\$ 40,000.00	\$ 20,000.00	\$ 40,000.00	\$ 11,300.00	\$ 22,600.00
\$ 120.00	\$ 18,000.00	\$ 500.00	\$ 75,000.00	\$ 210.00	\$ 31,500.00	\$ 278.00	\$ 41,250.00
\$ 10.00	\$ 1,000.00	\$ 30.00	\$ 3,000.00	\$ 10.00	\$ 1,000.00	\$ 14.00	\$ 1,400.00
\$ 2.00	\$ 600.00	\$ 10.00	\$ 3,000.00	\$ 5.00	\$ 1,500.00	\$ 3.15	\$ 945.00
\$ 30.00	\$ 3,000.00	\$ 50.00	\$ 5,000.00	\$ 75.00	\$ 7,500.00	\$ 65.00	\$ 6,500.00
\$ 35.00	\$ 7,000.00	\$ 10.00	\$ 2,000.00	\$ 30.00	\$ 6,000.00	\$ 14.00	\$ 2,800.00
\$ 25.00	\$ 500.00	\$ 60.00	\$ 1,200.00	\$ 25.00	\$ 500.00	\$ 73.00	\$ 1,460.00
\$ 300.00	\$ 1,200.00	\$ 1,000.00	\$ 4,000.00	\$ 450.00	\$ 1,800.00	\$ 700.00	\$ 2,800.00
\$ 50.00	\$ 1,000.00	\$ 600.00	\$ 12,000.00	\$ 50.00	\$ 1,000.00	\$ 150.00	\$ 3,000.00
\$ 40.00	\$ 8,000.00	\$ 50.00	\$ 7,500.00	\$ 50.00	\$ 7,500.00	\$ 87.00	\$ 13,050.00
\$ 35.00	\$ 350.00	\$ 60.00	\$ 600.00	\$ 100.00	\$ 1,000.00	\$ 167.00	\$ 1,670.00
\$ 25.00	\$ 9,375.00	\$ 30.00	\$ 11,250.00	\$ 23.00	\$ 8,625.00	\$ 22.00	\$ 8,250.00
\$ 150.00	\$ 3,000.00	\$ 200.00	\$ 4,000.00	\$ 90.00	\$ 1,800.00	\$ 84.00	\$ 1,680.00
\$ 3.50	\$ 4,620.00	\$ 8.00	\$ 10,560.00	\$ 4.00	\$ 5,280.00	\$ 3.60	\$ 4,752.00
\$ 2.00	\$ 200.00	\$ 15.00	\$ 1,500.00	\$ 7.00	\$ 700.00	\$ 5.20	\$ 520.00
\$ 20.00	\$ 3,000.00	\$ 30.00	\$ 4,500.00	\$ 30.00	\$ 4,500.00	\$ 43.00	\$ 6,450.00
\$ 2.00	\$ 100.00	\$ 40.00	\$ 2,000.00	\$ 15.00	\$ 750.00	\$ 15.00	\$ 750.00
\$ 110.00	\$ 220.00	\$ 200.00	\$ 400.00	\$ 350.00	\$ 700.00	\$ 195.00	\$ 390.00
\$ 1.50	\$ 75.00	\$ 25.00	\$ 1,250.00	\$ 10.00	\$ 500.00	\$ 2.75	\$ 137.50
\$ 100.00	\$ 2,000.00	\$ 100.00	\$ 2,000.00	\$ 75.00	\$ 1,500.00	\$ 125.00	\$ 2,500.00
\$ 10.00	\$ 200.00	\$ 40.00	\$ 800.00	\$ 25.00	\$ 500.00	\$ 25.00	\$ 500.00
\$ 30.00	\$ 900.00	\$ 20.00	\$ 600.00	\$ 35.00	\$ 1,050.00	\$ 30.00	\$ 900.00
\$ 100.00	\$ 4,000.00	\$ 140.00	\$ 5,600.00	\$ 100.00	\$ 4,000.00	\$ 220.00	\$ 8,800.00
\$ 100.00	\$ 2,000.00	\$ 180.00	\$ 3,600.00	\$ 125.00	\$ 2,500.00	\$ 245.00	\$ 4,900.00
\$ 110.00	\$ 2,200.00	\$ 200.00	\$ 4,000.00	\$ 140.00	\$ 2,800.00	\$ 270.00	\$ 5,400.00
\$ 120.00	\$ 2,400.00	\$ 220.00	\$ 4,400.00	\$ 160.00	\$ 3,200.00	\$ 305.00	\$ 6,100.00
\$ 150.00	\$ 6,750.00	\$ 300.00	\$ 13,500.00	\$ 180.00	\$ 8,100.00	\$ 305.00	\$ 13,725.00
\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,500.00	\$ 1,500.00	\$ 2,650.00	\$ 2,650.00
\$ 1,500.00	\$ 1,500.00	\$ 2,000.00	\$ 2,000.00	\$ 1,600.00	\$ 1,600.00	\$ 3,350.00	\$ 3,350.00
\$ 1,500.00	\$ 3,000.00	\$ 2,000.00	\$ 4,000.00	\$ 9,000.00	\$ 18,000.00	\$ 14,200.00	\$ 28,400.00
\$ 2,000.00	\$ 2,000.00	\$ 2,600.00	\$ 2,600.00	\$ 9,500.00	\$ 9,500.00	\$ 14,600.00	\$ 14,600.00
\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 10,500.00	\$ 10,500.00	\$ 15,250.00	\$ 15,250.00
\$ 7,000.00	\$ 7,000.00	\$ 3,500.00	\$ 3,500.00	\$ 11,500.00	\$ 11,500.00	\$ 15,600.00	\$ 15,600.00
\$ 10,000.00	\$ 30,000.00	\$ 10,000.00	\$ 30,000.00	\$ 6,000.00	\$ 18,000.00	\$ 16,000.00	\$ 48,000.00
\$ 1.00	\$ 150.00	\$ 20.00	\$ 3,000.00	\$ 25.00	\$ 3,750.00	\$ 6.00	\$ 900.00
\$ 500.00	\$ 1,500.00	\$ 1,000.00	\$ 3,000.00	\$ 300.00	\$ 900.00	\$ 1.00	\$ 3.00
\$ 1.00	\$ 350.00	\$ 30.00	\$ 10,500.00	\$ 20.00	\$ 7,000.00	\$ 59.00	\$ 20,650.00
\$ 250.00	\$ 2,000.00	\$ 1,000.00	\$ 8,000.00	\$ 250.00	\$ 2,000.00	\$ 1.00	\$ 8.00
\$ 2.50	\$ 125.00	\$ 20.00	\$ 1,000.00	\$ 25.00	\$ 1,250.00	\$ 5.00	\$ 250.00
\$ 1,100.00	\$ 1,100.00	\$ 300.00	\$ 3,300.00	\$ 150.00	\$ 1,650.00	\$ 100.00	\$ 1,100.00
\$ 1.00	\$ 100.00	\$ 20.00	\$ 2,000.00	\$ 5.00	\$ 500.00	\$ 15.00	\$ 1,500.00
\$ 5,000.00	\$ 5,000.00	\$ 7,000.00	\$ 7,000.00	\$ 3,000.00	\$ 3,000.00	\$ 1.00	\$ 1.00
\$ 384,915.00		Total:	\$ 702,860.00	Total:	\$ 723,455.00	Total:	\$ 729,950.00