

Contract 1 - Lower Section

Engineers Estimate Park Construction United Construction Willey Earthmoving Corp. Zaluzny Excavating Corp.

Item #	Description of Item	Estimated Quantity	Unit	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
Roadway/Misc. Site													
1	Excavation	100	cy	22 \$	2,200	12 \$	1,200	10 \$	1,000	18 \$	1,800	20 \$	2,000
2	Rock Excavation	100	cy	155 \$	15,500	125 \$	12,500	200 \$	20,000	100 \$	10,000	300 \$	30,000
3	Excavation of Surfaces	100	sy	6 \$	600	3 \$	300	67000 \$	67,000	20 \$	2,000	5 \$	500
4	Boulder Excavation	50	cy	40 \$	2,000	50 \$	2,500	20 \$	1,000	50 \$	2,500	30 \$	1,500
5	Remove & Replace Unsuitable Material	100	cy	40 \$	4,000	25 \$	2,500	50 \$	5,000	30 \$	3,000	20 \$	2,000
6	Subbase Gravel	100	cy	20 \$	2,000	20 \$	2,000	22 \$	2,200	26 \$	2,600	15 \$	1,500
7	Shaping Course Gravel	100	cy	20 \$	2,000	30 \$	3,000	26 \$	2,600	32 \$	3,200	20 \$	2,000
8	3/4" Crushed Stone Aggregate	200	cy	20 \$	4,000	30 \$	6,000	30 \$	6,000	24 \$	4,800	20 \$	4,000
9	2" Rigid Foam Insulation	5500	lf	6 \$	33,000	5 \$	27,500	2 \$	11,000	3 \$	16,500	5 \$	27,500
10	Bituminous Concrete Pavement Type III - 1" Depth	1,316	ton	75 \$	98,700	85 \$	111,860	73 \$	96,068	74 \$	97,384	70 \$	92,120
11	Bituminous Concrete Pavement Type I - 2" Depth	2,632	sy	75 \$	197,400	80 \$	210,560	72 \$	189,504	74 \$	194,768	70 \$	184,240
12	Reclaim Existing Roadway	23,400	sy	3.5 \$	81,900	3 \$	70,200	0.9 \$	21,060	1.5 \$	35,100	1.5 \$	35,100
13	Erosion Control	1	ls	75000 \$	75,000	25000 \$	25,000	4000 \$	4,000	3000 \$	3,000	20000 \$	20,000
14	Traffic Control	1	ls	20000 \$	20,000	25000 \$	25,000	140000 \$	140,000	44000 \$	44,000	50000 \$	50,000
15	Mobilization	1		180000 \$	180,000	150000 \$	150,000	77000 \$	77,000	250000 \$	250,000	420000 \$	420,000
Drainage													
16	Stormwater Catch Basin, 4' Diameter	1	ea	2500 \$	2,500	1800 \$	1,800	2000 \$	2,000	2500 \$	2,500	2500 \$	2,500
17	24" CMP Drainage Pipe	120	lf	60 \$	7,200	55 \$	6,600	55 \$	6,600	52 \$	6,240	40 \$	4,800
18	12" CMP Drainage Pipe	122	lf	40 \$	4,880	45 \$	5,490	40 \$	4,880	26 \$	3,172	30 \$	3,660
19	Geotextile Fabric	500	sy	5 \$	2,500	3 \$	1,500	3 \$	1,500	2 \$	1,000	2 \$	1,000
Sewer													
20	15" PVC SDR 35 Sewer Pipe 0' to 8' Deep	794	lf	70 \$	55,580	98 \$	77,812	88 \$	69,872	48 \$	38,112	60 \$	47,640
21	15" PVC SDR 35 Sewer Pipe Upto 8'-16' Deep	767	lf	80 \$	61,360	133 \$	102,011	118 \$	90,506	65 \$	49,855	70 \$	53,690
22	12" PVC SDR 35 Sewer Pipe	1,181	lf	68 \$	80,308	81 \$	95,661	73 \$	86,213	45 \$	53,145	60 \$	70,860
23	8" PVC SDR 35 Sewer Pipe	5,732	lf	64 \$	366,848	77 \$	441,364	61 \$	349,652	40 \$	229,280	50 \$	286,600
24	6" PVC SDR 35 Sewer Pipe within Town ROW	725	lf	58 \$	42,050	35 \$	25,375	38 \$	27,550	38 \$	27,550	45 \$	32,625
25	4" PVC SDR 35 Sewer Service within Town ROW	2,659	lf	46 \$	122,314	35 \$	93,065	38 \$	101,042	36 \$	95,724	40 \$	106,360
26	5' Sewer Manhole	1	ea	3000 \$	3,000	3500 \$	3,500	3000 \$	3,000	3500 \$	3,500	4000 \$	4,000
27	4' Sewer Manhole	47	ea	2600 \$	122,200	2400 \$	112,800	2100 \$	98,700	3000 \$	141,000	3000 \$	141,000
28	Whetstone Sewer Crossing	1	ls	50000 \$	50,000	115000 \$	115,000	122000 \$	122,000	15000 \$	15,000	20000 \$	20,000
29	Abandon Existing Sewer Manhole	35	ea	300 \$	10,500	350 \$	12,250	350 \$	12,250	250 \$	8,750	500 \$	17,500
30	Core hole in existing manhole (8")	2		300 \$	600	1500 \$	3,000	500 \$	1,000	350 \$	700	350 \$	700
Water													
31	Abandon Existing Water Meter Pit	5	ea	300 \$	1,500	550 \$	2,750	100 \$	500	250 \$	1,250	500 \$	2,500
32	Abandon Existing Water Pump Station	2	ea	8000 \$	16,000	5500 \$	11,000	500 \$	1,000	1000 \$	2,000	3000 \$	6,000
33	8" Ductile Iron Pipe Water Main	6516	lf	64 \$	417,024	64 \$	417,024	50 \$	325,800	47 \$	306,252	50 \$	325,800
34	6" Ductile Iron Pipe Water Main	108	lf	58 \$	6,264	58 \$	6,264	48 \$	5,184	45 \$	4,860	48 \$	5,184
35	4" Ductile Iron Pipe Water Main	1298	lf	56 \$	72,688	58 \$	75,284	46 \$	59,708	42 \$	54,516	47 \$	61,006
36	1" Dia Copper Water Service Pipe Inside Easement	1106	lf	45 \$	49,770	20 \$	22,120	35 \$	38,710	55 \$	60,830	42 \$	46,452
37	3/4" Dia Copper Water Service Pipe Inside Easement	1651	lf	40 \$	66,040	20 \$	33,020	33 \$	54,483	50 \$	82,550	40 \$	66,040
38	3/4" Dia Copper Water Service Pipe Outside Easement	11220	lf	40 \$	448,800	35 \$	392,700	30 \$	336,600	48 \$	538,560	40 \$	448,800
39	3/4" Dia Polyethylene Water Service Pipe (alt)	11220	lf	\$	-	32 \$	359,040	28 \$	314,160	45 \$	504,900	38 \$	426,360
40	3/4" Dia Copper Water Service Pipe Installed Under Hom	1774	lf	40 \$	70,960	50 \$	88,700	26 \$	46,124	47 \$	83,378	40 \$	70,960
41	3/4" Dia Polyethylene Water Service Under Home (alt)	1774	lf	\$	-	48 \$	85,152	24 \$	42,576	44 \$	78,056	38 \$	67,412
42	16"x8" Tapping Sleeve with Box	3	ea	4000 \$	12,000	6500 \$	19,500	7000 \$	21,000	6000 \$	18,000	7000 \$	21,000
43	16"x4" Tapping Sleeve with Box	1	ea	4000 \$	4,000	5800 \$	5,800	6200 \$	6,200	5500 \$	5,500	6000 \$	6,000
44	10"x8" Tapping Sleeve with Box	2	ea	2400 \$	4,800	4200 \$	8,400	5000 \$	10,000	3500 \$	7,000	4000 \$	8,000
45	8" Gate Valve with Box	16	ea	910 \$	14,560	950 \$	15,200	900 \$	14,400	1200 \$	19,200	900 \$	14,400
46	6" Gate Valve with Box	12	ea	639 \$	7,668	650 \$	7,800	700 \$	8,400	800 \$	9,600	700 \$	8,400
47	4" Gate Valve with Box	4	ea	526 \$	2,104	600 \$	2,400	550 \$	2,200	650 \$	2,600	600 \$	2,400
48	3/4" Dia Curb Stop Rod & Box	168	ea	106 \$	17,808	150 \$	25,200	200 \$	33,600	200 \$	33,600	100 \$	16,800
49	1" Dia Corporation Stop	44	ea	98 \$	4,312	350 \$	15,400	300 \$	13,200	200 \$	8,800	150 \$	6,600
50	3/4" Diameter Corporation Stop	77	ea	95 \$	7,315	150 \$	11,550	200 \$	15,400	125 \$	9,625	120 \$	9,240
51	Meter Pit Assembly	168	ea	800 \$	134,400	1100 \$	184,800	1500 \$	252,000	800 \$	134,400	1300 \$	218,400
52	Fire Hydrant	12	ea	2600 \$	31,200	1800 \$	21,600	2000 \$	24,000	3000 \$	36,000	3000 \$	36,000
53	Flushing Hydrant	2	ea	1900 \$	3,800	1100 \$	2,200	800 \$	1,600	2500 \$	5,000	2000 \$	4,000
54	Air Release Assembly	1	ea	2500 \$	2,500	3000 \$	3,000	4000 \$	4,000	3500 \$	3,500	4000 \$	4,000
55	Poured Thrust Block	20	cy	325 \$	6,500	200 \$	4,000	150 \$	3,000	150 \$	3,000	0.01 \$	0
56	Install Heat Tape	1000	lf	20 \$	20,000	5 \$	5,000	2 \$	2,000	8.5 \$	8,500	3 \$	3,000
57	Install Heat Tape Electrical Outlet	10	ea	600 \$	6,000	150 \$	1,500	2 \$	20	380 \$	3,800	300 \$	3,000
58	Provide Engineers Field Office	1	ls	30000 \$	30,000	25000 \$	25,000	31000 \$	31,000	8500 \$	8,500	30000 \$	30,000

C1 Total: \$ 3,108,153 C1 Total: \$ 3,154,560 C1 Total: \$ 2,930,326 C1 Total: \$ 2,797,001 C1 Total: \$3,089,377.20

Bid Informalities: Typographic errors found in Willey Earthmoving Bid Items #31(+\$250) & #41(+\$3) - Bid increased by \$253.

United Construction Bid: Item #3 - Taken as lump sum, Item #39 - No total for item shown, Item #41 - No total for item shown, Item # 57 Item unit price shown in word and numerals to be \$2.00 each, total based on \$200.00

Notes:

The information tabulated above accurately reflects bids received by the Town of Brattleboro, Vermont on April 30, 2008

John E. Goodell, P.E.
Project Engineer
SVE Associates