

**EPA STAG GRANT
NO. XP971011-01
CITY OF SOUTH BURLINGTON, VERMONT
FARRELL STREET/POTASH BROOK STORMWATER IMPROVEMENT PROJECT**

BID CANVAS FOR BID 4/27/07 @ 2:00 PM

ITEM #	DESCRIPTION	QUANTITY	UNIT	ENGINEER ESTIMATE		NL CHAGNON		MUNSON		ECI		SDI	
				UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
201.10	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS	1	LS	\$3,000.00	\$3,000.00	\$6,000.00	\$6,000.00	\$10,500.00	\$10,500.00	\$10,000.00	\$10,000.00	\$40,000.00	\$40,000.00
203.15	COMMON EXCAVATION	50	CY	\$20.00	\$1,000.00	\$28.00	\$1,400.00	\$16.00	\$800.00	\$15.00	\$750.00	\$35.00	\$1,750.00
203.16	SOLID ROCK EXCAVATION	5	CY	\$135.00	\$675.00	\$200.00	\$1,000.00	\$190.00	\$950.00	\$365.00	\$1,825.00	\$250.00	\$1,250.00
203.25	CHANNEL EXCAVATION OF EARTH	280	CY	\$25.00	\$7,000.00	\$23.00	\$6,440.00	\$16.00	\$4,480.00	\$15.00	\$4,200.00	\$100.00	\$28,000.00
203.28	EXCAVATION OF SURFACES AND PAVEMENTS	55	CY	\$30.00	\$1,650.00	\$30.00	\$1,650.00	\$16.00	\$880.00	\$35.00	\$1,925.00	\$40.00	\$2,200.00
203.30	EARTH BORROW	50	CY	\$16.00	\$800.00	\$25.00	\$1,250.00	\$30.00	\$1,500.00	\$20.00	\$1,000.00	\$35.00	\$1,750.00
204.25	STRUCTURE EXCAVATION	2280	CY	\$18.00	\$41,220.00	\$32.00	\$73,280.00	\$16.00	\$36,640.00	\$20.00	\$45,800.00	\$40.00	\$91,600.00
204.30	GRANULAR BACKFILL FOR STRUCTURES	1465	CY	\$35.00	\$51,775.00	\$34.00	\$49,810.00	\$34.00	\$49,810.00	\$45.00	\$66,525.00	\$50.00	\$73,250.00
208.40	COFFERDAM (MODIFIED)	1	LS	\$33,000.00	\$33,000.00	\$16,000.00	\$16,000.00	\$55,000.00	\$55,000.00	\$50,000.00	\$50,000.00	\$184,673.00	\$184,673.00
301.25	SUBBASE OF CRUSHED GRAVEL, COURSE GRADED	45	CY	\$35.00	\$1,575.00	\$30.00	\$1,350.00	\$29.50	\$1,327.50	\$40.00	\$1,800.00	\$50.00	\$2,250.00
301.26	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	15	CY	\$40.00	\$600.00	\$28.00	\$420.00	\$29.50	\$442.50	\$40.00	\$600.00	\$50.00	\$750.00
301.35	RECLAIMED STABILIZED BASE	415	CY	\$40.00	\$16,600.00	\$30.00	\$12,450.00	\$29.50	\$12,242.50	\$35.00	\$14,525.00	\$50.00	\$20,750.00
310.20	BITUMINOUS CONCRETE PAVEMENT	375	SY	\$5.00	\$1,875.00	\$18.00	\$6,750.00	\$13.50	\$5,062.50	\$30.00	\$11,250.00	\$30.00	\$11,250.00
406.25	POROUS PAVEMENT	115	TON	\$350.00	\$40,250.00	\$220.00	\$25,300.00	\$85.00	\$9,775.00	\$150.00	\$17,250.00	\$100.00	\$11,500.00
406.26	CONCRETE, HIGH PERFORMANCE CLASS A	40	TON	\$350.00	\$14,000.00	\$250.00	\$10,000.00	\$100.00	\$4,000.00	\$250.00	\$10,000.00	\$250.00	\$10,000.00
501.33	EPOXY COATED REINFORCING STEEL	8	CY	\$750.00	\$6,000.00	\$300.00	\$2,400.00	\$525.00	\$4,200.00	\$600.00	\$4,800.00	\$1,000.00	\$8,000.00
507.17	REMOVAL OF EXISTING RAILING	600	LB	\$2.00	\$1,200.00	\$2.40	\$1,440.00	\$1.75	\$1,050.00	\$3.00	\$1,800.00	\$4.00	\$2,400.00
525.10	METAL HAND RAILING	45	LF	\$5.00	\$225.00	\$16.00	\$720.00	\$5.80	\$261.00	\$10.00	\$450.00	\$10.00	\$450.00
525.15	REMOVAL OF STRUCTURE (MODIFIED)	50	LF	\$125.00	\$6,250.00	\$60.00	\$3,000.00	\$60.00	\$3,000.00	\$56.00	\$2,800.00	\$75.00	\$3,750.00
529.15	8" CPEP SMOOTH LINED (MODIFIED)	1	LS	\$6,000.00	\$6,000.00	\$12,000.00	\$12,000.00	\$10,000.00	\$10,000.00	\$8,000.00	\$8,000.00	\$100,000.00	\$100,000.00
601.2600	15" CPEP SMOOTH LINED (MODIFIED)	30	LF	\$70.00	\$2,100.00	\$45.00	\$1,350.00	\$47.00	\$1,410.00	\$52.00	\$1,560.00	\$46.00	\$1,380.00
601.2610	18" CPEP SMOOTH LINED (MODIFIED)	220	LF	\$90.00	\$19,800.00	\$58.00	\$12,760.00	\$51.00	\$11,220.00	\$65.00	\$14,300.00	\$55.00	\$12,100.00
601.2615	24" CPEP SMOOTH LINED (MODIFIED)	160	LF	\$90.00	\$14,400.00	\$65.00	\$10,400.00	\$52.00	\$8,320.00	\$70.00	\$11,200.00	\$60.00	\$9,600.00
601.2620	24" CPEP SMOOTH LINED (MODIFIED)	280	LF	\$100.00	\$28,000.00	\$72.00	\$20,160.00	\$62.00	\$17,360.00	\$95.00	\$26,600.00	\$68.00	\$19,040.00
604.20	PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE	6	EA	\$4,000.00	\$24,000.00	\$1,800.00	\$10,800.00	\$2,700.00	\$16,200.00	\$3,000.00	\$18,000.00	\$4,500.00	\$27,000.00
604.21	PRECAST REINFORCED CONCRETE MANHOLE WITH CAST IRON COVER	2	EA	\$4,500.00	\$9,000.00	\$2,400.00	\$4,800.00	\$4,000.00	\$8,000.00	\$3,650.00	\$7,300.00	\$5,000.00	\$10,000.00
605.02	FLEXIBLE WATERPROOF MEMBRANE	30	SY	\$15.00	\$450.00	\$30.00	\$900.00	\$31.00	\$930.00	\$23.00	\$690.00	\$25.00	\$750.00
605.03	3'X3' STAINLESS STEEL SAMPLE PORT	3	EA	\$1,000.00	\$3,000.00	\$400.00	\$1,200.00	\$560.00	\$1,680.00	\$825.00	\$2,475.00	\$1,500.00	\$4,500.00
605.04	3" PVC UNDERDRAIN PIPE	120	LF	\$15.00	\$1,800.00	\$26.00	\$3,120.00	\$16.00	\$1,920.00	\$32.00	\$3,840.00	\$25.00	\$3,000.00
605.05	4" PVC PERFORATED UNDERDRAIN	60	LF	\$15.00	\$900.00	\$26.00	\$1,560.00	\$16.50	\$990.00	\$35.00	\$2,100.00	\$35.00	\$2,100.00
605.10	6" UNDERDRAIN PIPE	50	LF	\$18.00	\$900.00	\$30.00	\$1,500.00	\$40.00	\$2,000.00	\$40.00	\$2,000.00	\$45.00	\$2,250.00
605.20	6" UNDERDRAIN CARRIER PIPE	20	LF	\$25.00	\$500.00	\$35.00	\$700.00	\$40.00	\$800.00	\$40.00	\$800.00	\$45.00	\$900.00
605.22	10" UNDERDRAIN CARRIER PIPE	15	LF	\$35.00	\$525.00	\$35.00	\$525.00	\$80.00	\$1,200.00	\$42.00	\$630.00	\$45.00	\$675.00
605.90	6" PVC CHECK VALVE	1	EA	\$150.00	\$150.00	\$500.00	\$500.00	\$285.00	\$285.00	\$300.00	\$300.00	\$350.00	\$350.00
605.96	SERVICE BOX WITH LOCKING COVER	3	EA	\$100.00	\$300.00	\$160.00	\$480.00	\$60.00	\$180.00	\$400.00	\$1,200.00	\$500.00	\$1,500.00
609.10	DUST CONTROL WITH WATER (MODIFIED)	1	LS	\$2,000.00	\$2,000.00	\$4,400.00	\$4,400.00	\$2,250.00	\$2,250.00	\$5,500.00	\$5,500.00	\$10,000.00	\$10,000.00
613.12	STONE FILL, TYPE III	125	CY	\$40.00	\$5,000.00	\$70.00	\$8,750.00	\$56.00	\$7,000.00	\$40.00	\$5,000.00	\$50.00	\$6,250.00
613.13	STONE FILL, TYPE IV	90	CY	\$50.00	\$4,500.00	\$60.00	\$5,400.00	\$56.00	\$5,040.00	\$40.00	\$3,600.00	\$50.00	\$4,500.00
616.28	CAST-IN-PLACE CONCRETE CURB, TYPE B	180	LF	\$35.00	\$6,300.00	\$29.00	\$5,220.00	\$20.00	\$3,600.00	\$25.00	\$4,500.00	\$30.00	\$5,400.00
616.41	REMOVAL OF EXISTING CURB	180	LF	\$6.00	\$1,080.00	\$6.00	\$1,080.00	\$8.50	\$1,530.00	\$5.00	\$900.00	\$15.00	\$2,700.00
618.10	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	55	SY	\$90.00	\$4,950.00	\$64.00	\$3,520.00	\$34.00	\$1,870.00	\$45.00	\$2,475.00	\$105.00	\$5,775.00
620.11	CHAIN-LINK FENCE, 4 FEET	450	LF	\$15.00	\$6,750.00	\$20.00	\$9,000.00	\$18.50	\$8,325.00	\$20.00	\$9,000.00	\$25.00	\$11,250.00
620.20	BRACING ASSEMBLY FOR CHAIN-LINK FENCE, 4 FEET	4	EA	\$150.00	\$600.00	\$175.00	\$700.00	\$175.00	\$700.00	\$230.00	\$920.00	\$250.00	\$1,000.00
620.23	DECORATIVE METAL FENCE, 4 FEET (MODIFIED)	225	LF	\$35.00	\$7,875.00	\$50.00	\$11,250.00	\$36.00	\$8,100.00	\$52.00	\$11,700.00	\$45.00	\$10,125.00
620.24	GATE FOR DECORATIVE METAL FENCE, 4 FEET (MODIFIED)	2	EA	\$400.00	\$800.00	\$460.00	\$920.00	\$1,600.00	\$3,200.00	\$450.00	\$900.00	\$3,500.00	\$7,000.00
621.20	STEEL BEAM GUARDRAIL, GALVANIZED	90	LF	\$25.00	\$2,250.00	\$30.00	\$2,700.00	\$45.00	\$4,050.00	\$50.00	\$4,500.00	\$60.00	\$5,400.00
621.90	TEMPORARY TRAFFIC BARRIER	50	LF	\$50.00	\$2,500.00	\$30.00	\$1,500.00	\$86.00	\$4,300.00	\$35.00	\$1,750.00	\$50.00	\$2,500.00
629.44	PIPE INSULATION	100	LF	\$10.00	\$1,000.00	\$25.00	\$2,500.00	\$1.60	\$160.00	\$4.00	\$400.00	\$25.00	\$2,500.00
635.11	MOBILIZATION/DEMobilIZATION	1	LS	\$43,000.00	\$43,000.00	\$38,000.00	\$38,000.00	\$80,000.00	\$80,000.00	\$75,000.00	\$75,000.00	\$150,000.00	\$150,000.00
641.10	TRAFFIC CONTROL	1	LS	\$10,000.00	\$10,000.00	\$23,600.00	\$23,600.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$150,000.00	\$150,000.00
641.17	PORTABLE CHANGEABLE MESSAGE SIGN RENTAL	70	DAY	\$100.00	\$7,000.00	\$150.00	\$10,500.00	\$210.00	\$14,700.00	\$325.00	\$22,750.00	\$300.00	\$21,000.00
646.40	DURABLE 4" WHITE LINE	580	LF	\$1.00	\$580.00	\$2.50	\$1,450.00	\$1.75	\$1,015.00	\$1.25	\$725.00	\$5.00	\$2,900.00
646.41	DURABLE 4" YELLOW LINE	180	LF	\$1.00	\$180.00	\$2.50	\$450.00	\$1.75	\$315.00	\$1.25	\$225.00	\$5.00	\$900.00
649.10	BIAXIAL SOIL REINFORCEMENT	1	LS	\$10,000.00	\$10,000.00	\$6,800.00	\$6,800.00	\$4,000.00	\$4,000.00	\$11,000.00	\$11,000.00	\$25,500.00	\$25,500.00
649.31	GEOTEXTILE UNDER STONE FILL	270	SY	\$5.00	\$1,350.00	\$4.00	\$1,080.00	\$0.75	\$202.50	\$3.00	\$810.00	\$3.00	\$810.00
649.51	GEOTEXTILE FOR SILT FENCE	680	SY	\$7.00	\$4,760.00	\$6.50	\$4,420.00	\$11.00	\$7,480.00	\$10.00	\$6,800.00	\$2.50	\$1,700.00
651.15	SEED	20	LB	\$10.00	\$200.00	\$15.00	\$300.00	\$12.00	\$240.00	\$25.00	\$500.00	\$2.50	\$50.00
651.20	AGRICULTURAL LIMESTONE	0.50	TON	\$630.00	\$315.00	\$600.00	\$300.00	\$875.00	\$437.50	\$700.00	\$350.00	\$400.00	\$200.00
651.25	HAY MULCH	0.50	TON	\$710.00	\$355.00	\$500.00	\$250.00	\$700.00	\$350.00	\$1,600.00	\$800.00	\$200.00	\$100.00
651.35	TOPSOIL	20	CY	\$60.00	\$1,200.00	\$30.00	\$600.00	\$50.00	\$1,000.00	\$35.00	\$700.00	\$70.00	\$1,400.00
653.35	VEHICLE TRACKING PAD	25	CY	\$50.00	\$1,250.00	\$50.00	\$1,250.00	\$32.00	\$800.00	\$50.00	\$1,250.00	\$50.00	\$1,250.00
653.40	INLET PROTECTION DEVICE, TYPE I	3	EA	\$100.00	\$300.00	\$200.00	\$600.00	\$155.00	\$465.00	\$315.00	\$945.00	\$250.00	\$750.00
653.50	BARRIER FENCE	1150	LF	\$5.00	\$5,750.00	\$8.50	\$9,775.00	\$2.25	\$2,587.50	\$3.00	\$3,450.00	\$5.00	\$5,750.00
653.55	PROJECT DEMARCATION FENCE	1900	LF	\$1.00	\$1,900.00	\$3.50	\$6,650.00	\$2.00	\$3,800.00	\$1.00	\$1,900.00	\$5.00	\$9,500.00
656.20	EVERGREEN TREES	4	EA	\$300.00	\$1,200.00	\$280.00	\$1,120.00	\$650.00	\$2,600.00	\$500.00	\$2,000.00	\$500.00	\$2,000.00
656.25	EVERGREEN SHRUBS	19	EA	\$70.00	\$1,330.00	\$200.00	\$3,800.00	\$235.00	\$4,465.00	\$50.00	\$950.00	\$350.00	\$6,650.00
656.30	DECIDUOUS TREES	11	EA	\$390.00	\$4,290.00	\$200.00	\$2,200.00	\$1,325.00	\$14,575.00	\$600.00	\$6,600.00	\$1,800.00	\$19,800.00
675.20	TRAFFIC SIGN, TYPE A	300	SF	\$20.00	\$6,000.00	\$18.00	\$5,400.00	\$23.50	\$7,050.00	\$16.00	\$4,800.00	\$50.00	\$15,000.00
675.301													