

Eng Est

ITEM NO.	ANTICIPATED CONTRACT ITEM	UNIT	ROADWAY	BRIDGE	TOTAL	UNIT PRICE
201-00000	Clearing and Grubbing	L S	1		1	\$20,000
202-00000	Removal of Structures and Obstructions	LS	1		1	\$10,000
Added Item by Siete	Tree Trimming					
202-00010	Removal of Tree	EACH	9		9	\$750
202-00035	Removal of Pipe	LF	193		193	\$40
202-00036	Removal of Pipe (AC)	LF	13		13	\$200
202-00037	Certified Asbestos Buiding Inspector	DAY	2		2	\$2,000
202-00220	Removal of Asphalt Mat	SY	1521		1521	\$15
202-00400	Removal of Bridge	EACH		1	1	\$75,000
202-00810	Removal of Ground Sign	EACH	2		2	\$120
202-01000	Removal of Fence	LF	445		445	\$10
202-01130	Removal of Guardrail Type 3	LF	149		149	\$20
202-04002	Clean Culvert	EACH	2		2	\$2,000
202-04000	Plug Structure (AC)	EACH	2		2	\$900
203-00000	Unclassified Excavation	CY	987		987	\$45
203-00060	Embankment Material (Complete In Place)	CY	1156		1156	\$70
203-01500	Blading	HOUR	20		20	\$225
203-01594	Combination Loader	HOUR	20		20	\$150
203-01597	Potholing	HOUR	12		12	\$300
206-00000	Structure Excavation	CY		707	707	\$60
206-00100	Structure Backfill (Class 1)	CY		447	447	\$100
206-00200	Structure Backfill (Class 2)	CY	240	126	366	\$60
206-00360	Mechanical Reinforcement of Soil	CY		447	447	\$40
206-00510	Filter Material (Class A)	CY	2		2	\$100
206-00520	Filter Material (Class B)	CY		28	28	\$100
207-00700	Topsoil (Onsite)	CY	123		123	\$20
207-00703	Topsoil (Wetland)	CY	7		7	\$75
207-00704	Subgrade Soil Preparation	SY	737		737	\$10
208-00020	Silt Fence	LF	1075		1075	\$4
208-00023	Erosion Log (Type 3)(12 Inch)	LF	275		275	\$10
208-00035	Aggregate Bag	LF	40		40	\$15
208-00046	Pre-fabricated Concrete Washout Structure	EACH	1		1	\$2,000
208-00070	Vehicle Tracking Pad	EACH	2		2	\$5,000
208-00103	Removal and Disposal of Sediment (Labor)	HOUR	8		8	\$60
208-00105	Removal and Disposal of Sediment (Equipment)	HOUR	8		8	\$80
208-00106	Sweeping (Sediment Removal)	HOUR	8		8	\$175
208-00207	Erosion Control Management	DAY	25		25	\$350

208-00301	Temporary Diversion	LF	120		120	\$300
210-00810	Reset Ground Sign	EACH	2		2	\$350
210-01000	Reset Fence	LF	60		60	\$25
211-03005	Dewatering	LS	1		1	\$25,000
212-00700	Organic Fertilizer	POUNDS	84		84	\$2
212-00701	Compost (Mechanically Applied)	CY	18		18	\$100
212-00703	Humate	POUNDS	56		56	\$5
212-00706	Seeding (Native) Drill	ACRE	0.28		0.28	\$3,000
213-00004	Mulching (Weed Free Straw)	ACRE	0.23		0.23	\$2,500
213-00061	Mulch Tackifier	LB	49		49	\$8
216-00201	Soil Retention Blanket (Straw-Coconut) (Biodegradable Class 1)	SY	221		221	\$6
217-00020	Herbicide Treatment	HOUR	6		6	\$200
240-00000	Wildlife Biologist	HOUR	16		16	\$150
240-00010	Removal of Nests	HOUR	20		20	\$125
240-00020	Netting	SY	350		350	\$10
304-06000	Aggregate Base Course (Class 6)	TON	584		584	\$60
403-34751	Hot Mix Asphalt (Grading SX) (75) (PG 64-28)	TON	492	72	564	\$125
420.00000	Geotextile (Erosion Control) (Class 1)	SY	2050		2050	\$10
502-00460	Pile Tip	EACH		28	28	\$300
502-02010	Dynamic Load Testing	EACH		3	3	\$2,500
502-11253	Steel Piling (HP 12x53)	LF		587	587	\$125
502-11274	Steel Piling (HP 12x74)	LF		742	742	\$175
506-00030	Grouted Rip Rap	CY	90		90	\$200
506-00212	Riprap (12 Inch)	CY	636		636	\$175
509-00001	Structural Steel (Galvanized)	LB		900	900	\$10
515-00120	Waterproofing (Membrane)	SY		509	509	\$20
601-03040	Concrete Class D (Bridge)	CY		366	366	\$1,200
601-40300	Structural Concrete Coating	SY		560	560	\$5
602-00020	Reinforcing Steel (Epoxy Coated)	LB		65290	65290	\$2.00
603-82012	12 Inch Ductile Iron Pipe	LF	275		275	\$150.00
603-82013	12 Inch Ductile Iron Pipe (on bridge)	LF		136	136	\$150.00
606-00301	Guardrail Type 3 (6-3 Post Spacing)	LF	47		47	\$50
606-01370	Transition Type 3G	EACH	3		3	\$3,500
606-01400	Transition Type BR10M-GR3	EACH	4		4	\$5,500
606-02003	End Anchorage (Nonflared)	EACH	3		3	\$4,000
606-11035	Bridge Rail Type 10 MASH	LF		262	262	\$350
607-01050	Fence Wire With Metal Posts	LF	235		235	\$10
607-11525	Fence (Plastic)	LF	1450		1450	\$5
612-00001	Delineator (Type I)	EACH	6		6	\$100
612-00003	Delineator (Type III)	EACH	2		2	\$100
613-00200	2 Inch Electrical Conduit	LF		262	262	\$30
615-00050	Embankment Protector Type 5	EACH	2		2	\$2,000
618-01992	Prestressed Concrete Box (Depth Less Than 32 Inches)	SF		2110	2110	\$90
619-00007	Connect To Existing Waterline	EACH	1		1	\$600

619-00009	Connect to Existing Waterline w/dielectric coupling	EACH	1		1	\$1,000
619-76120	12" AVK Gate Valve	EACH	2		2	\$6,000
619-76951	12" x 6" Swivel Tee w/ Thrust Block	EACH	1		1	\$1,000
619-76952	HD Coupling	EACH	1		1	\$500
619-76953	12" 45o Bend w/ Thrust Block	EACH	6		6	\$1,300
619-76954	12" x 4" Reducer	EACH	1		1	\$1,000
619-76955	12" Shear Coupling	EACH		2	2	\$1,000
619-76956	1" Service tap	EACH	1		1	\$200
619-76957	2" Brass Pipe	EACH	14		14	\$40
619-76958	Air and Vacuum Valve and Vault	EACH	1		1	\$8,000
619-76959	4" Foam Board	EACH	46		46	\$110
619-78048	6" Fire Hydrant Assembly (Pipe, valve, hyd)	EACH	1		1	\$6,000
620-00001	Field Office (Class 1)	EACH	1		1	\$25,000
620-00020	Sanitary Facility	EACH	1		1	\$5,000
622-00270	Bollard	EACH	2		2	\$1,400
625-00000	Construction Surveying	L S	1		1	\$20,000
626-00000	Mobilization	L S	1		1	\$159,400
627-00004	Epoxy Pavement Marking	SF	788		788	\$15
Added Item by Siete	Flagging	Hr	50		50	\$45
630-00007	Traffic Control Inspection	DAY	175		175	\$500
630-00008	Traffic Control (Special)	L S	1		1	\$31,860
630-00012	Traffic Control Management	DAY	5		5	\$1,500
700-70010	F/A Minor Contract Revisions	F A	1		1	\$242,300
700-70023	F/A On-The-Job Trainee	FA	1		1	\$3,200
700-70380	F/A Erosion Control	F A	1		1	\$5,000
700-70589	F/A Environmental Health & Safety Management	F A	1		1	\$10,000

	Siete Bid	Difference
TOTAL COST		
\$20,000	\$80,000.00	-\$60,000.00
\$10,000	\$75,000.00	-\$65,000.00
	\$1,000.00	-\$1,000.00
\$6,750	\$4,500.00	\$2,250.00
\$7,720	\$14,475.00	-\$6,755.00
\$2,600	\$13,000.00	-\$10,400.00
\$4,000	\$2,800.00	\$1,200.00
\$22,815	\$15,210.00	\$7,605.00
\$75,000	\$100,000.00	-\$25,000.00
\$240	\$150.00	\$90.00
\$4,450	\$2,225.00	\$2,225.00
\$2,980	\$2,980.00	\$0.00
\$4,000	\$2,000.00	\$2,000.00
\$1,800	\$2,000.00	-\$200.00
\$44,415	\$20,727.00	\$23,688.00
\$80,920	\$24,276.00	\$56,644.00
\$4,500	\$2,000.00	\$2,500.00
\$3,000	\$2,000.00	\$1,000.00
\$3,600	\$4,800.00	-\$1,200.00
\$42,420	\$35,350.00	\$7,070.00
\$44,700	\$44,700.00	\$0.00
\$21,960	\$18,300.00	\$3,660.00
\$17,880	\$4,470.00	\$13,410.00
\$200	\$200.00	\$0.00
\$2,800	\$4,200.00	-\$1,400.00
\$2,460	\$3,690.00	-\$1,230.00
\$525	\$700.00	-\$175.00
\$7,370	\$2,211.00	\$5,159.00
\$3,763	\$7,525.00	-\$3,762.00
\$2,750	\$1,925.00	\$825.00
\$600	\$360.00	\$240.00
\$2,000	\$5,000.00	-\$3,000.00
\$10,000	\$7,000.00	\$3,000.00
\$480	\$352.00	\$128.00
\$640	\$800.00	-\$160.00
\$1,400	\$800.00	\$600.00
\$8,750	\$12,500.00	-\$3,750.00

\$36,000	\$36,000.00	\$0.00
\$700	\$700.00	\$0.00
\$1,500	\$2,400.00	-\$900.00
\$25,000	\$50,000.00	-\$25,000.00
\$168	\$126.00	\$42.00
\$1,800	\$2,700.00	-\$900.00
\$280	\$56.00	\$224.00
\$840	\$602.00	\$238.00
\$575	\$2,530.00	-\$1,955.00
\$392	\$882.00	-\$490.00
\$1,326	\$1,105.00	\$221.00
\$1,200	\$2,400.00	-\$1,200.00
\$2,400	\$2,560.00	-\$160.00
\$2,500	\$3,900.00	-\$1,400.00
\$3,500	\$700.00	\$2,800.00
\$35,040	\$21,024.00	\$14,016.00
\$70,500	\$77,832.00	-\$7,332.00
\$20,500	\$6,150.00	\$14,350.00
\$8,400	\$8,400.00	\$0.00
\$7,500	\$12,000.00	-\$4,500.00
\$73,375	\$58,700.00	\$14,675.00
\$129,850	\$91,266.00	\$38,584.00
\$18,000	\$19,800.00	-\$1,800.00
\$111,300	\$130,380.00	-\$19,080.00
\$9,000	\$9,000.00	\$0.00
\$10,180	\$15,270.00	-\$5,090.00
\$439,200	\$475,800.00	-\$36,600.00
\$2,800	\$15,680.00	-\$12,880.00
\$130,580	\$84,877.00	\$45,703.00
\$41,250	\$50,875.00	-\$9,625.00
\$20,400	\$27,200.00	-\$6,800.00
\$2,350	\$3,995.00	-\$1,645.00
\$10,500	\$37,500.00	-\$27,000.00
\$22,000	\$26,000.00	-\$4,000.00
\$12,000	\$19,200.00	-\$7,200.00
\$91,700	\$107,420.00	-\$15,720.00
\$2,350	\$2,350.00	\$0.00
\$7,250	\$5,800.00	\$1,450.00
\$600	\$150.00	\$450.00
\$200	\$60.00	\$140.00
\$7,860	\$6,550.00	\$1,310.00
\$4,000	\$7,000.00	-\$3,000.00
\$189,900	\$360,810.00	-\$170,910.00
\$600	\$12,000.00	-\$11,400.00

\$1,000	\$18,000.00	-\$17,000.00
\$12,000	\$10,000.00	\$2,000.00
\$1,000	\$4,100.00	-\$3,100.00
\$500	\$3,800.00	-\$3,300.00
\$7,800	\$4,200.00	\$3,600.00
\$1,000	\$4,000.00	-\$3,000.00
\$2,000	\$6,000.00	-\$4,000.00
\$200	\$3,500.00	-\$3,300.00
\$560	\$4,900.00	-\$4,340.00
\$8,000	\$17,000.00	-\$9,000.00
\$5,060	\$11,500.00	-\$6,440.00
\$6,000	\$12,000.00	-\$6,000.00
\$25,000	\$25,000.00	\$0.00
\$5,000	\$3,000.00	\$2,000.00
\$2,800	\$6,000.00	-\$3,200.00
\$20,000	\$25,000.00	-\$5,000.00
\$159,400	\$310,000.00	-\$150,600.00
\$11,820	\$4,728.00	\$7,092.00
	\$2,250.00	-\$2,250.00
\$87,500	\$42,000.00	\$45,500.00
\$31,860	\$15,000.00	\$16,860.00
\$7,500	\$4,250.00	\$3,250.00
\$242,300	\$242,300.00	\$0.00
\$3,200	\$3,200.00	\$0.00
\$5,000	\$5,000.00	\$0.00
\$10,000	\$10,000.00	\$0.00
Eng Estimate	Siete Bid	Difference
\$2,683,354	\$3,115,704.00	-\$432,350.00