

Appendix F: Engineer's Estimate

ENGINEER'S ESTIMATE EAGLE RIVER NATURE CENTER PHASES ONE AND TWO 20 Year Master Development Site Plan -60%					
BASIC BID					
ITEM	DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	AMOUNT
201(3A)	Clearing and Grubbing	Acre	\$5,000.00	9.5	\$47,500.00
201(4B)	Hand Clearing	L.S.	\$25,000.00	All Req'd	\$25,000.00
202(1)	Removal of Structures and Obstructions	L.S.	\$50,000.00	All Req'd	\$50,000.00
203(3)	Unclassified Excavation	C.Y.	\$12.00	61500	\$738,000.00
203(6-A)	Borrow, Type A	Ton	\$22.00	48876	\$1,075,272.00
204(1)	Structure Excavation	C.Y.	\$14.00	1425	\$19,950.00
301(1)	Aggregate Base Course, Gradina D-1	Ton	\$45.00	6799	\$305,955.00
401(1)	Asphalt Concrete Pavement, Type II: Class B	Ton	\$185.00	467	\$86,395.00
607(3)	Chain Link Fence	L.F.	\$65.00	175	\$11,375.00
608(1b)	Concrete Sidewalk, colored and stamped	S.Y.	\$184.00	252	\$46,368.00
608(7)	Asphalt Pathway	Ton	\$285.00	125	\$35,625.00
615(1)	Standard Signs	S.F.	\$125.00	15	\$1,875.00
618(1)	Seeding	Acre	\$8,500.00	8	\$68,000.00
620(1)	Topsoil	S.Y.	\$6.25	38725	\$242,031.25
621(1)	Tree, 12 foot	Each	\$130.00	300	\$39,000.00
621(2)	Shrub	Each	\$45.00	120	\$5,400.00
625(1)	Hand Railings	L.F.	\$110.00	80	\$8,800.00
640(1)	Mobilization and Demobilization	L.S.	\$65,000.00	All Req'd	\$65,000.00
641(2)	Temporary Erosion and Pollution Control	C.S.	\$37,500.00	All Req'd	\$37,500.00
642(1)	Construction Surveying	L.S.	\$22,000.00	All Req'd	\$22,000.00
642(3)	Three Person Survey Party	Hour	\$175.00	15	\$2,625.00
643(2)	Traffic Maintenance	L.S.	\$11,500.00	All Req'd	\$11,500.00
646(1)	CPM Scheduling	L.S.	\$7,500.00	All Req'd	\$7,500.00
647(2)	Wide Pad Dozer, 65 HP Minimum	Hour	\$185.00	20	\$3,700.00
650(3A)	Park Bench, Type A	Each	\$200.00	30	\$6,000.00
650(4)	Round Firepit	Each	\$400.00	1	\$400.00
650(7)	Bearproof Garbage Can	Each	\$575.00	3	\$1,725.00
650(8)	Single Entrance Gate	Each	\$4,750.00	1	\$4,750.00
650(9)	Double Entrance Gate	Each	\$7,500.00	1	\$7,500.00
650(13)	Viewing Deck	S.F.	\$235.00	192	\$45,120.00
650(14)	Dock (Float) (Ganaway)	L.S.	\$17,000.00	All Req'd	\$17,000.00
650(17)	Concrete Parking Bumper	Each	\$185.00	147	\$27,195.00
650(21)	Barrier Rock	Each	\$250.00	200	\$50,000.00
650(29)	Pole Barn 100' x 24'	Each	\$46,500.00	1	\$46,500.00
650(30C)	Interpretive Kiosk, Type C	Each	\$9,200.00	1	\$9,200.00
650(32)	Fee Payment Station	Each	\$23,550.00	1	\$23,550.00
650(33)	Nature Center, two story daylight	Each	\$4,500,000.00	1	\$4,500,000.00
650(34)	Roof top garden	Each	\$11,225.00	1	\$11,225.00
650(35)	Outdoor classroom	Each	\$28,875.00	1	\$28,875.00
650(36A)	Bulletin Board, Type A	Each	\$9,500.00	1	\$9,500.00
650(36B)	Bulletin Board, Type B	Each	\$15,000.00	1	\$15,000.00
650(37)	Information Board	Each	\$6,500.00	1	\$6,500.00
650(38)	Entrance Sign	Each	\$6,500.00	1	\$6,500.00
650(40A)	Interpretive Sign, Type A	Each	\$8,750.00	1	\$8,750.00
650(40B)	Interpretive Sign, Type B	Each	\$9,225.00	1	\$9,225.00
650(40C)	Interpretive Sign, Type C	Each	\$9,750.00	1	\$9,750.00
650(41A)	Trail Sign, Type A	Each	\$4,000.00	10	\$40,000.00
650(41B)	Trail Sign, Type B	Each	\$4,500.00	1	\$4,500.00
650(41C)	Trail Sign, Type C	Each	\$5,000.00	1	\$5,000.00
650(51)	Maintenance Facility	Each	\$72,000.00	1	\$72,000.00
650(##A)	Relocate single cabins	Each	\$15,000.00	3	\$45,000.00
650(50)	Orientation Kiosk	Each	\$22,000.00	1	\$22,000.00
654(1)	Vaulted Toilet, single CXT	Each	\$46,000.00	5	\$230,000.00
670(1)	Painted Traffic Markings	L.S.	\$19,250.00	All Req'd	\$19,250.00
TOTAL ESTIMATED CONSTRUCTION CONTRACT					\$8,238,386.25
CONSTRUCTION ADMINISTRATION (15%)					\$1,235,757.94
TOTAL ESTIMATED CONSTRUCTION COST					\$9,474,144.19