

TASK	DESCRIPTION	HOURS							Sub-Total	
		Princ. Eng	Engineer I	Engineer III	CAD Tech III	Princ. Surv	Surveyor I	Survey Crew		
<b>1 - Preliminary Planning</b>										
1	Coordination Meetings (x 3)	8	8			8				
2	Site Visit	8	8			8				
3	Transport and Mobilization Planning	8	8			4				
4	Engineer's Memorandum	8	16							
	<b>Total Hours</b>	32	40	0	0	20	0	0		
	<b>Hourly Rate</b>	\$165/HR	\$140/HR	\$115/HR	\$105/HR	\$165/HR	\$140/HR	\$150/HR		
	<b>Fee Amount</b>	\$5,280	\$5,600	\$0	\$0	\$3,300	\$0	\$0		
									<b>Sub-Total</b>	<b>\$14,180</b>
<b>2 - Site Surveys</b>										
1	Review Existing Survey Data	2	4			4				
2	Establish Site Control (Horizontal & Vertical)					2			24	
3	Stake Clearing for Data Collection					4			72	
4	Topographic Survey Data Collection	2	8			20			200	
5	Vegetative Descriptions		8		16	4				
6	Drone / Underwater ROV								24	
7	Survey Drawing				40	4	20			
	<b>Total Hours</b>	4	20	0	56	38	20	320		
	<b>Hourly Rate</b>	\$165/HR	\$140/HR	\$115/HR	\$105/HR	\$165/HR	\$140/HR	\$150/HR		
	<b>Fee Amount</b>	\$660	\$2,800	\$0	\$5,880	\$6,270	\$2,800	\$48,000		
									<b>Sub-Total</b>	<b>\$66,410</b>
<b>3- Conceptual Ecological Enhancement Plan</b>										
1	Initial Conceptual Plan	4	12	16						
2	Interim Conceptual Plan 1	20	52	88						
3	Interim Conceptual Plan 2	16	40	56						
	<b>Total Hours</b>	40	104	160	0	0	0	0		
	<b>Hourly Rate</b>	\$165/HR	\$140/HR	\$115/HR	\$105/HR	\$165/HR	\$140/HR	\$150/HR		
	<b>Fee Amount</b>	\$6,600	\$14,560	\$18,400	\$0	\$0	\$0	\$0		
									<b>Sub-Total</b>	<b>\$39,560</b>
<b>4- Additional Survey Data Collection</b>										
1	Bathometric Information w/ MHWL	4			20	16	8	120		
2	Additional Topographic Information	4			20	16	8	40		
	<b>Total Hours</b>	8	0	0	40	32	16	160		
	<b>Hourly Rate</b>	\$165/HR	\$140/HR	\$115/HR	\$105/HR	\$165/HR	\$140/HR	\$150/HR		
	<b>Fee Amount</b>	\$1,320	\$0	\$0	\$4,200	\$5,280	\$2,240	\$24,000		
									<b>Sub-Total</b>	<b>\$37,040</b>

TASK	DESCRIPTION	HOURS								
		Princ. Eng	Engineer I	Engineer III	CAD Tech III	Princ. Surv	Surveyor I	Survey Crew		
<b>5 - Development of Project Plans</b>										
1	Preliminary Site Grading Plan	4	16	32						
2	Hydraulic Analysis	4	40							
3	Pump Analysis	4	24							
4	Final Site Grading Plan	4	16	32						
5	Soil Balance Analysis		16	32						
6	Construction Cross-Sections		8	16	16					
7	Planting Lists		32							
8	Recreation and Educational Structures	12	24	60	16					
9	Pump Station Design	4	40							
10	Project Specifications		8	16						
11	Construction Details		8	16	16					
12	Erosion Control Plan		8	16	8					
13	Engineer's Opinion of Probable Costs	4	8	16						
	<b>Total Hours</b>	36	248	236	56	0	0	0		
	<b>Hourly Rate</b>	\$165/HR	\$140/HR	\$115/HR	\$105/HR	\$165/HR	\$140/HR	\$150/HR		
	<b>Fee Amount</b>	\$5,940	\$34,720	\$27,140	\$5,880	\$0	\$0	\$0		
									<b>Sub-Total</b>	<b>\$73,680</b>
TASK	DESCRIPTION	HOURS								
<b>6 - Progress and Stakeholder Meetings</b>		Princ. Eng	Engineer I	Engineer III	CAD Tech III	Princ. Surv	Surveyor I	Survey Crew		
1	30% Plan Review	4	4							
2	60% Plan Review	4	4							
3	90% Plan Review	4	4							
4	100% Plan Review	4	4							
5	Public Meetings	8	4							
	<b>Total Hours</b>	24	20	0	0	0	0	0		
	<b>Hourly Rate</b>	\$165/HR	\$140/HR	\$115/HR	\$105/HR	\$165/HR	\$140/HR	\$150/HR		
	<b>Fee Amount</b>	\$3,960	\$2,800	\$0	\$0	\$0	\$0	\$0		
									<b>Sub-Total</b>	<b>\$6,760</b>
TASK	DESCRIPTION	FEES								
<b>7 - Reimbursable Expenses</b>										
1	Prints	<b>Flat Fee</b>	\$2,000							
2	Postage / Overnight	<b>Flat Fee</b>	\$200							
3	Island Boat Transportation (for CAI staff only)	<b>Flat Fee</b>	\$8,600							
4	John Brown & Sons, Inc. Mechanical Mowing Transects	<b>Flat Fee</b>	\$89,650							
									<b>Sub-Total</b>	<b>\$100,450</b>
<b>TOTAL</b>									<b>Total</b>	<b>\$338,080</b>