

West Park Improvements Alternate 1 - Partial Replacement of Treatment System

4/30/2012

	Sr.	PE IV -	PE III -	PE II -	PE I -	Tech IV	Tech III	Tech II	Tech I	Professional	Surveyor	Surveyor	Eng - Arch	Total	Total Cost	Total Tasks	Total Cost	Grand
	Associate	Arch IV	Arch III	Arch II	Arch I									Tasks				
	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Task	Task Cost	Task Hours	Task Cost	
														Hours	OHM	OHM	CTI	CTI
Task 1 – Conceptual Plan Work and Investigation	2.00	82.00	22.50	0.00	65.00	2.00	18.00	8.00	0.50	4.00	21.75	14.50	3.75	244.00	\$26,886	0.00	\$0	\$26,886
Project Kickoff Meeting (#1)		2.00	2.00		2.00									6.00	\$712		\$0	\$712
Data Research		2.00			4.00			1.00						7.00	\$760		\$0	\$760
AquaShield & L.F. Manufacturing Meeting (#2)		6.50												6.50	\$910		\$0	\$910
City/County Meeting -Evaluate Treatment Units in Service (#3)		3.00												3.00	\$420		\$0	\$420
Evaluate Stormwater Treatment Units		6.00	14.50		10.00			2.00						32.50	\$3,682		\$0	\$3,682
Evaluate Potential Upstream Detention Areas		2.50						1.00						3.50	\$430		\$0	\$430
Prepare Conceptual Layout Plan		2.00			20.00		16.00	2.00					2.00	42.00	\$4,024		\$0	\$4,024
Project Meeting to Discuss Conceptual Plan (#4)		4.00												4.00	\$560		\$0	\$560
Topographical Survey	1.00				4.00	2.00				4.00	21.75	14.50		47.25	\$4,026		\$0	\$4,026
Attend Progress Meetings (#5 and #6)		4.00												4.00	\$560		\$0	\$560
Preliminary Design Cast-in-Place Structures	1.00	25.00	2.00		2.00									30.00	\$4,077		\$0	\$4,077
Construction Plans and Specifications (50% Set)		22.00	2.00		20.00		2.00		0.50				1.75	48.25	\$5,613		\$0	\$5,613
Project Meeting to Discuss 50% Plan Set (#7)		3.00	2.00		3.00			2.00						10.00	\$1,112		\$0	\$1,112
Task 2 – Preliminary Design and Document Preparation	6.50	165.25	90.50	0.00	88.00	0.00	56.25	15.75	0.00	0.00	0.00	0.00	4.00	426.25	\$50,059	0.00	\$0	\$50,059
Hydraulic Modeling	1.00	2.00	25.00											28.00	\$3,325		\$0	\$3,325
Micro Modeling	1.00	1.00	10.00											12.00	\$1,445		\$0	\$1,445
Basis of Design Report	1.00	2.00	14.50										2.00	19.50	\$2,203		\$0	\$2,203
Prepare PowerPoint Presentation for Second Public Meeting		2.00	29.00											31.00	\$3,644		\$0	\$3,644
Attend Prep. Meeting for Second Public Meeting (#8)		2.00	3.00											5.00	\$628		\$0	\$628
Attend Prep. Meeting for Second Public Meeting (#9)		2.00	3.00											5.00	\$628		\$0	\$628
Attend Prep. Meeting for Second Public Meeting (# 10)			3.00											3.00	\$348		\$0	\$348
Public Meeting No. 2		0.50	3.00											3.50	\$418		\$0	\$418
Final Design Cast-in-Place Structures	1.50	54.50			23.00									79.00	\$10,148		\$0	\$10,148
Construction Plans and Specifications (70% Set)		34.00			30.00		18.00	8.00					2.00	92.00	\$10,170		\$0	\$10,170
Project Meeting to Discuss 70% Plan Set (#11)		3.00												3.00	\$420		\$0	\$420
Construction Plans and Specifications (90% Set)	2.00	32.25			21.00		20.50	7.75						83.50	\$9,432		\$0	\$9,432
Project Meeting to Discuss Basis of Design Report (#12)		2.00												2.00	\$280		\$0	\$280
Incorporate Final Comments, Prints & Prepare Contract Documents and Assistance During the Project Advertisement; attend Pre-Bid Meeting (#13)		28.00			14.00		17.75							59.75	\$6,971		\$0	\$6,971
Task 3– Structural Review of AquaShield Roof Repairs	0.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00	\$2,240	26.00	\$2,860	\$5,100
Review Structural Analysis		16.00												16.00	\$2,240	26.00	\$2,860	\$5,100
Task 4– Construction Services	0.00	122.00	0.00	69.00	83.00	2.00	20.00	472.00	0.00	14.00	40.00	40.00	0.00	862.00	\$80,801	0.00	\$0	\$80,801
Attend Pre-Construction Meeting (#14)		3.00		3.00	3.00			3.00						12.00	\$1,305		\$0	\$1,305
Construction Layout										14.00	40.00	40.00		94.00	\$7,660		\$0	\$7,660
Construction Inspection				42.00				420.00						462.00	\$38,430		\$0	\$38,430
Construction Engineering, Shop Drawing Review and Record Drawing Preparation		95.00			56.00	2.00	20.00	25.00						198.00	\$22,966		\$0	\$22,966
Attend Weekly Progress Meetings; Assumes 8 Meetings (#22)		24.00		24.00	24.00			24.00						96.00	\$10,440		\$0	\$10,440
TOTAL	8.50	385.25	113.00	69.00	236.00	4.00	94.25	495.75	0.50	18.00	61.75	54.50	7.75	1,548.25	\$159,986	26.00	\$2,860	\$162,846