

Cost Breakdown

CLASSIFICATION	PERSON HOURS	BILLING RATE/HOUR	TOTAL
Senior Project Manager	-	\$ 220.00	\$ -
Project Manager	30	\$ 195.00	\$ 5,850
Sr. Project Engr	216	\$ 179.00	\$ 38,664
Project Engr	113	\$ 144.00	\$ 16,272
Engr/Designer	526	\$ 106.00	\$ 55,756
Technician/Drafter	-	\$ 91.00	\$ -
Administrative	20	\$ 73.00	\$ 1,460
	905	Hours	
Subtotal Base Fee			\$ 118,002
OUTSIDE SERVICES			
	Cost		
Topographic Surveying	\$ 15,000		
Geotechnical Investigation	\$ 11,300		
Cultural Resource Survey	\$ 4,743		
Subtotal Outside Services			\$ 31,043
ESTIMATED DIRECT EXPENSES			
Miscellaneous Expenses	\$ 900		
Subtotal Estimated Expenses			\$ 900
TOTAL PROJECT COST			\$ 149,945

Exhibit B

TASK DESCRIPTION	SUBTOTAL	PM	Sr. Engr.	PE/Prof	Engr/Design	Tech	Admin	Totals
		\$ 195.00	\$ 179.00	\$ 144.00	\$ 106.00	\$ 91.00	\$ 73.00	
1. Data Collection & Utility Coordination	6,241.00	0	13	20	7	0	4	44
As-Built Research	537.00		1		2		2	5
Review Previously H&H Documentation	497.00		1		3			4
AZ Blue Stake Request & Collect Utility Mapping	537.00		1		2		2	5
Utility Coordination/Relocation	4,670.00		10	20				30
2. Coordinate Control, Survey & R/W and Geotechnical	1,962.00	-	8	-	5	-	-	13
Coordinate with Surveyor	822.00		4		1			5
Review Topo/Control Base File	391.00		1		2			3
Review Right-of-Way Base File	391.00		1		2			3
Coordinate with Geotechnical	358.00		2					2
3. Hydraulic and Scour Analysis	16,729.00	13	26	-	90	-	-	129
Existing Conditions Hydraulic Analysis	1,401.00	1	2		8			11
Proposed Conditions Hydraulic Analysis	4,504.00	4	6		25			35
Stable Slope Analysis	1,596.00	2	2		8			12
Energy Dissipation Design	2,378.00	2	4		12			18
Draft Drainage Report	4,472.00	2	8		25			35
Final Drainage Report	2,378.00	2	4		12			18
4. Construction Documents	44,894.00	13	37	45	276	-	-	371
Establish Wash CL	424.00				4			4
Cover Sheet	709.00		1		5			6
Legend & Notes Sheet	1,027.00		1		8			9
Survey & Geometric Control	1,418.00		2		10			12
Typical Sections	2,200.00		4		14			18
Wash Plan & Profile Sheets (4 Sheets)	9,926.00		14		70			84
Miscellaneous Wash Details (5 Sheets)	9,575.00		15		65			80
Structural Details (5 Sheets)	19,615.00	13		45	100			158
5. Environmental Permitting	32,688.00	4	90	6	134	-	10	244
Freedom of Information Act (FOIA) Request and Preliminary Jurisdictional Delineation (PJD)	-							0
Freedom of Information Act (FOIA) Request and Data Review	1,034.00		3		4		1	8
GPS Setup/Field maps	391.00		1		2			3
Field Work	2,280.00		8		8			16
GIS/CADD JD Linework	391.00		1		2			3
PJD Submittal	2,101.00		5		10		2	17
Biological Evaluation	-							0
Obtain and review USFWS official species list	285.00		1		1			2
Obtain and review AGFD OERT	285.00		1		1			2
GPS Setup/Field maps	285.00		1		1			2
Field work (combined with previous task)	-		0		0			0
Prepare Biological Evaluation	3,194.00		4		22		2	28
Respond to Corps comments	782.00		2		4			6
Finalize Biological Evaluation	643.00		2		2		1	5
Prepare and Process Section 404 Individual Permit Application	-							0
Complete 4345 ENG Form	2,836.00		4		20			24
Alternatives Analysis	1,776.00		4		10			14
Discussion on avoidance and minimization of impacts to WOUS;	212.00				2			2
Mitigation proposal (assumed in-lieu fee)	212.00				2			2
Impacts to Waters of the U.S.	2,140.00		4	4	8			16
Cross Section Impacts to Waters of the U.S.	500.00			2	2			4
Draft Public Notice for Corps	643.00		1		3		2	6
Response to RFI 1 (Corps of Engineers)	3,168.00		8		15		2	25

Exhibit B

TASK DESCRIPTION	SUBTOTAL	PM	Sr. Engr.	PE/Prof	Engr/Design	Tech	Admin	Totals
		\$ 195.00	\$ 179.00	\$ 144.00	\$ 106.00	\$ 91.00	\$ 73.00	
Prepare and Process Section 401 Individual Certification Application	-							0
Prepare Section 401 Individual Water Quality Certification Application	1,067.00		3		5			8
Response to RFI 1 (ADEQ)	888.00		2		5			7
Coordination with Team/Client	7,575.00	4	35		5			44
6. Project Estimate and Specifications	5,870.00	-	6	23	14	-	-	43
Quantities/Estimate	1,426.00		2	3	6			11
Specifications	4,444.00		4	20	8			32
7. Project Management	3,341.00	-	13	4	-	-	6	23
Contract Management	1,333.00		5				6	11
Project Schedule	358.00		2					2
Pre-Bid Services	1,650.00		6	4				10
8. Meetings	6,277.00	-	23	15	-	-	-	38
Kickoff Design Meeting	1,432.00		8					8
Plan Review / Comment Resolution Meetings (3 Mtgs)	4,845.00		15	15				30
SUBTOTAL DIRECT LABOR	118,002	30	216	113	526	-	20	905
SUBCONSULTANTS TASKS								
9. Topo Survey and Right-of-Way	15,000.00							
Control, Topo Survey, & Existing Right-of-Way	15,000.00							
10. Geotechnical Services	11,300.00							
Geotechnical Services	11,300.00							
11. Cultural Resources Survey	4,743.00							
PaleoWest Class III Survey	4,743.00							
SUBTOTAL SUBCONSULTANT TASKS	31,043.00							
CONTRACT TOTAL	149,045.00							