



Professional Services Scope and Fee Summary

Task Description	Hours			Cesare, Inc. Geotech	ERC Environmental (T&E and Wetlands)	American West Survey	Task Subtotal
	Project Manager J.C. York	Project Engineer Todd Yee, Jason Murray	Senior Designer C. Harmon, T. Tuttle W. Schum, B. Cowles				
	<i>rate</i>	\$125	\$110	\$95			

Reservoir Design - State Engineer's Office Requirements

Task 1 - Site Survey							
Update topo to get downstream toe around reservoir and more detailed information on outlet pipe and downstream pipe	2	4	6			\$2,500	\$3,760
Screening of Threatened, Endangered and Species of Concern (TES)	2	4			\$2,000		\$2,690
Routine Onsite Wetland Delineation	2	4			\$1,500		\$2,190
Task 2 - Application to SEO	2	4					\$690
Task 3 - Construction Drawings and Specifications							
Prepare Construction Drawings - Outlet Pipe / Service Spillway / Emergency Spillway / Crest Grading (60% and 100% submittals)	12	24	48				\$8,700
Prepare Technical Specifications	6	16	24	\$3,000			\$7,790
Meet with SEO and Town of Johnstown at 60% and 100 % stage	6	6					\$1,410
Task 4 - Hydrology Report	4	16	32				\$5,300
Task 5 - Geotechnical Report (Field Investigation, Analysis)	12	12		\$21,500			\$24,320
Task 6 - Design Report	4	8	12				\$2,520
Task 7 - Instrumentation Plan	2	4	6				\$1,260
Task 8 - Cost Estimate	2	4	8				\$1,450
Task 9 - Prepare Bid Documents / Assist with Bidding	4	8	8				\$2,140
Subtotals	60	114	144	\$24,500	\$3,500	\$2,500	\$64,220

Subtotal	\$64,220
Expenses at 3%	\$1,930
Project Total	\$66,150