

Estimated Costs and Fee Schedule

TASK																								OTHER DIRECT COSTS										COST SUMMARY																											
	Prud'hal	Taylor	Marshall Kris Zappone	Baune	Coulter	Civil Engineer	Pump Station Lead	Structural Engineer	Electrical Engineer	I&C Engineer	SCADA Engineer	Trenchless Engineer	Corrosion Engineer	Hydraulic Engineer	Cost Est. Engineer	Permitting Engineer	Funding	Civil Mechanical Structural	Electrical I&C	GIS/CADD SR. Tech.	GIS/CADD Tech.	PM Admin Assistance	Clerical	Subtotals		PECE	Cinquin & Passero, Inc.	Miller Pacific Engineering Group	J&H Corrosion Consultants, Inc.	Associated Right of Way, Inc.	Katz & Associates	Sigfried Engineering	Exaro	Subtotals	5.0%	Misc. Costs and Printing	Travel	Total ODCs	Total Cost																						
																								PIC	PM															QM	DM	Pipeline Lead	Structural Engineer	Electrical Engineer	I&C Engineer	SCADA Engineer	Trenchless Engineer	Corrosion Engineer	Hydraulic Engineer	Cost Est. Engineer	Permitting Engineer	Funding	Staff Engineer	Staff Engineer	GIS/CADD SR. Tech.	GIS/CADD Tech.	PM Admin Assistance	Clerical	Hours	Budget	\$16.00
	2025 Rate Schedule Columns	\$264	\$264	\$264	\$264	\$265	\$265	\$264	\$264	\$264	\$264	\$264	\$264	\$264	\$264	\$264	\$217	\$225	\$233	\$259	\$210	\$254	\$157																																						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38																							
Task 1 - Project Management																																																													
1.01 Project Administration	72	360	0	216	72	0	72	36	36	36	36	12	12	0	0	0	0	0	0	0	0	120	72	1152	\$302,640	\$19,584	\$0	\$8,500	\$0	\$20,000	\$0	\$0	\$0	\$28,500	\$1,425	\$500	\$250	\$50,250	\$442,899																						
1.02 Conduct Project Status Meetings (Bi-Weekly)	40	76	0	76	76	0	18	18	18	18	18	18	18	18	0	18	6	36	18	0	36	0	36	562	\$178,406	\$9,554	\$0	\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$250	\$0	\$0	\$14,804	\$193,210																							
1.03 Implement Quality Management	2	8	24	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	58	\$20,628	\$986	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$986	\$21,614																										
1.04 Board Presentation Assistance	6	48	0	36	36	0	12	12	12	12	12	6	6	0	0	12	0	12	0	0	0	0	18	288	\$89,916	\$4,896	\$0	\$0	\$0	\$0	\$0	\$0	\$500	\$5,996	\$95,912																										
Task 1 Total Hours	120	492	24	344	184	0	102	66	66	66	66	36	36	18	0	30	6	48	30	0	72	120	134	2000																																					
Task 1 Total Budget	\$46,320	\$189,912	\$9,264	\$132,784	\$51,704	\$0	\$32,844	\$21,252	\$21,252	\$21,252	\$21,252	\$13,896	\$11,592	\$5,796	\$0	\$11,580	\$1,380	\$6	\$11,520	\$3,410	\$0	\$16,056	\$32,280	\$22,244	\$681,590	\$35,020	\$0	\$8,500	\$5,000	\$20,000	\$0	\$0	\$0	\$33,500	\$1,675	\$1,000	\$750	\$71,945	\$753,535																						
Task 2 - Develop Basis of Design Report (BODR)																																																													
2.01 Review Existing Information	2	4	0	8	8	0	8	4	4	4	4	4	2	4	0	4	0	8	8	4	4	0	0	84	\$24,820	\$1,344	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,344	\$26,164																						
2.02 Conduct Field Visit	0	8	0	8	8	0	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	\$14,616	\$768	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500	\$6,000	\$7,268	\$21,884																							
2.03 Identify Project Design Criteria	2	4	0	4	8	0	4	4	4	4	4	4	2	4	0	4	0	8	8	0	0	0	0	62	\$18,064	\$992	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$992	\$19,056																										
2.04 Conduct Hydraulic Analysis and Facility Sizing	2	4	0	8	8	0	0	0	0	0	0	0	0	40	0	0	0	80	0	0	40	0	0	182	\$45,856	\$2,912	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,912	\$48,768																							
2.05 Confirm Pipeline Alignment	2	4	0	8	8	0	0	0	0	0	0	0	0	8	0	4	0	40	0	0	16	0	0	90	\$23,504	\$1,440	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,440	\$24,944																							
2.06 Confirm Pipe Materials	2	2	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	20	\$5,760	\$320	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$320	\$6,100																								
2.07 Evaluate Pipeline Construction Techniques	0	4	0	8	16	0	0	0	0	0	0	0	0	4	0	0	0	32	0	0	0	0	64	\$17,296	\$1,024	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,024	\$18,320																								
2.08 Evaluate Pump Station Alternatives	2	4	0	8	0	24	24	8	8	8	0	0	0	8	0	0	0	40	40	0	8	0	182	\$48,520	\$2,912	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,912	\$51,432																								
2.09 Evaluate Dechlorination Alternatives	2	2	0	4	0	4	8	4	4	4	0	0	0	0	0	0	0	24	24	0	8	0	0	\$88	\$22,748	\$1,408	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,408	\$24,156																							
2.10 Evaluate Reservoir Discharge Alternatives	2	4	0	8	16	0	4	4	4	4	0	0	0	8	0	0	0	16	16	0	8	0	110	\$23,328	\$1,760	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,760	\$25,088																								
2.11 Conduct Transient Analysis	2	4	0	8	8	0	4	0	0	0	0	0	0	40	0	0	0	80	0	0	40	0	186	\$47,072	\$2,976	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,976	\$50,048																								
2.12 Conduct Project Facilities Alternatives Workshop	0	4	0	8	8	0	8	8	8	8	0	0	2	4	0	0	0	16	16	0	16	0	114	\$30,000	\$1,824	\$0	\$0	\$0	\$0	\$0	\$500	\$6,000	\$8,324	\$38,324																											
2.13 Refine Desktop Geotechnical Evaluation	0	2	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	4	22	\$5,616	\$352	\$0	\$11,200	\$0	\$0	\$0	\$0	\$11,200	\$560	\$0	\$0	\$12,112	\$17,728																							
2.14 Develop Preliminary Construction Cost Estimate	2	4	0	8	4	0	4	4	4	4	0	0	0	4	0	0	0	16	16	0	8	0	112	\$35,556	\$1,792	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,792	\$37,348																								
2.15 Identify Permitting Agencies and Requirement	2	4	0	4	8	0	0	0	0	0	0	0	0	0	0	16	0	32	0	0	8	0	82	\$21,752	\$1,312	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,312	\$23,064																								
2.16 Develop Construction Schedule and Sequencing	0	4	0	4	8	2	2	2	2	2	0	2	2	0	0	0	0	32	0	0	4	0	4	70	\$18,030	\$1,120	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,120	\$19,150																							
2.17 Develop Preliminary (30%) Drawings and Specification TOC	83	193	208	208	108	224	112	58	51	53	52	5	42	0	0	0	0	610	270	370	1491	0	395	4533	\$1,127,505	\$72,528	\$0	\$0	\$15,500	\$0	\$40,000	\$0	\$55,500	\$2,775	\$0	\$0	\$130,803	\$1,298,308																							
2.18 Evaluate Kastania PS for Future Expansion	2	4	0	8	16	0	4	4	4	4	0	0	0	16	16	0	8	16	16	0	8	0	102	\$27,500	\$1,632	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,632	\$29,132																								
2.19 Develop Draft BODR	2	8	8	8	8	0	8	8	8	8	4	4	2	8	4	4	0	80	64	0	64	0	40	356	\$86,888	\$5,696	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,696	\$92,584																							
2.20 Conduct Draft BODR Review Workshop	0	4	0	4	12	0	4	0	0	0	0	4	2	4	2	4	0	16	8	0	8	0	4	90																																					