



CALAVERAS COUNTY WATER DISTRICT
 WALLACE TANK REPLACEMENT PROJECT
level of effort - staff time
 Fee Schedule

BLACK WATER CONSULTING ENGINEERS										Subconsultants				Totals	
Billing Rates \$/hr		288	262	228	184	155	113								
TASK	Task Activity	Principal	Project Manager	Associate Engineer	Assistant Engineer	Design / Drafting	QAQC/ Admin.	Black Water Total Hours	Black Water Fee	NorthStar (Survey)	Crawford (Geotech)	Base Camp (CEQA)	SWPPP	Subconsultants Total Fees	Total Fee ³
1	Project Management														
	Kick-Off Meeting	2	2	2	2		2	10	\$2,150					\$0	\$2,150
	Agency Coordination	2	6	6	16		8	38	\$7,364					\$0	\$7,364
	Progress Reports, Decision Log, and Schedule Updates	2	16	16	4		12	50	\$10,508					\$0	\$10,508
	Budget and Invoicing	2	20				20	42	\$8,076					\$0	\$8,076
	Total Task 1	8	44	24	22	0	42	140	\$28,098	\$0	\$0	\$0	\$0	\$0	\$28,098
2	Background Research and Field Investigations														
	Information Collection and Review	2	8	8	24			42	\$8,912					\$0	\$8,912
	Site Visit (Assume 3)	4	10	15	15			44	\$9,952					\$0	\$9,952
	Utility Research and Coordination		2	4	4	4		14	\$2,792					\$0	\$2,792
	Topographic Survey		2	4		6		12	\$2,366	\$11,420				\$11,420	\$14,928
	Geotechnical Investigation and Report	1	2	4	2			9	\$2,092		\$28,000			\$28,000	\$32,892
	Total Task 2	7	24	35	45	10	0	121	\$26,114	\$11,420	\$28,000	\$0	\$0	\$39,420	\$69,476
3	CEQA and SWPPP														
	Prepare technical memorandum to support Categorical Exemption - See Note 2		1	1	2		2	6	\$1,084			\$3,000		\$3,000	\$4,384
	Prepare Stormwater Runoff Control Plan			2	2	2	1	7	\$1,247			\$12,000		\$12,000	\$14,447
	Total Task 3	0	1	3	4	2	3	13	\$2,331	\$0	\$0	\$3,000	\$12,000	\$15,000	\$18,831
4	Preliminary Design Report														
	Draft Report	2	16	24	40	80	8	170	\$30,904					\$0	\$30,904
	Final Report	2	6	12	24	16	2	62	\$12,006					\$0	\$12,006
	Total Task 4	4	22	36	64	96	10	232	\$42,910	\$0	\$0	\$0	\$0	\$0	\$42,910
5	Project Design														
	50% Plans and Cost Estimate	2	10	22	54	32	4	124	\$23,560					\$0	\$23,560
	90% Plans, Specifications, and Cost Estimate	2	16	46	72	140	16	292	\$52,012					\$0	\$52,012
	100% Plans, Specifications, and Cost Estimate	2	4	8	12	40	4	70	\$12,308					\$0	\$12,308
	Final Plans, Specifications, and Cost Estimate for Construction (Bid-Ready Set)	2	4	8	8	12	12	46	\$8,136					\$0	\$8,136
	Total Task 5	8	34	84	146	224	36	532	\$96,016	\$0	\$0	\$0	\$0	\$0	\$96,016
	SUB-TOTAL														
		27	125	182	281	332	91	1038	\$195,469	\$11,420	\$28,000	\$3,000	\$12,000	\$54,420	\$255,331
6	Construction Assistance														
	Pre-Bid Job Walk and Site Meetings (Assume 4)	6	9	9	9			33	\$7,794					\$0	\$7,794
	Project Management and Administration (9 Months per RFP)	18	40		9		18	85	\$19,354					\$0	\$19,354
	Prepare Addendums (Assume 4)	2	8	12	24	24	4	74	\$13,996					\$0	\$13,996
	RFI's / Change Orders (Assume 10)	2	8	40	20			70	\$15,472					\$0	\$15,472
	Submittal Reviews (Assume 50)	4	16	32	48			100	\$21,472					\$0	\$21,472
	Record Drawings		8		8	32		48	\$8,528					\$0	\$8,528
	Total Task 6	32	89	93	118	56	22	410	\$86,616	\$0	\$0	\$0	\$0	\$0	\$86,616
	TOTALS														
		59	214	275	399	388	113	1,448	282,085	\$11,420	\$28,000	\$3,000	\$12,000	\$54,420	\$341,947
TOTAL FEE														\$341,947	

- Notes:**
- All scope items and associated fees are based on the best approximation we can make given the current level of information we have.
 - If the project requires preparation of an Initial Study and Mitigated Negative Declaration, add \$25,000.
 - Subconsultant work is charged at cost plus 10 percent.