

Task Order No. 6 - Design, Bid and Construction Phase Services
Aeration Upgrades and Electrical Switchgear Replacement
Richard A. Heyman Environmental Protection Facility

Work Breakdown Structure		Project Director	Senior Project Manager	Engineering Manager	Sr. Technical Specialist - WW Process	Sr. Technical Specialist - Quality Control	Sr Engineer - Structural	Project Engineer - Structural	Sr. Engineer - Mechanical	Project Engineer - Electrical	Sr. Engineering Technician - Electrical	Sr. Engineer - I&C	Engineering Technician - I&C	Sr. Engineering Technician - BIM	Senior Engineer - Cost Estimating	Staff Engineer II - Civil	Project Accountant	Senior Adminstrator	Total Hours	Labor Cost
Task Series 100 - Detailed Design		4	28	64	0	32	0	8	0	117	89	19	4	22	56	40	14	16	513	\$76,888
Percent of Total - Task 100		1%	5%	12%	0%	6%	0%	2%	0%	23%	17%	4%	1%	4%	11%	8%	3%	3%	100%	
101	Construction Documents Level 1	1	8	16		2		2		12	9	10	4	6	12	8	4	4	98	\$14,648
102	Construction Documents Level 2	1	8	16		6		2		35	26	4		6	16	8	4	4	136	\$20,256
103	Construction Documents Level 3	1	8	16		20		2		58	45	4		6	20	16	4	4	204	\$30,626
104	Construction Documents Level 4	1	4	16		4		2		12	9	1		4	8	8	2	4	75	\$11,358
Task Series 200 - Bid and Pre-Award Services		1	16	20	8	1	0	1	2	10	0	4	0	0	0	8	8	8	87	\$14,155
Percent of Total - Task 200		1%	18%	23%	9%	1%	0%	1%	2%	11%	0%	5%	0%	0%	0%	9%	9%	9%	100%	
200	Bid and Pre-Award Services	1	16	20	8	1		1	2	10		4				8	8	8	87	\$14,155
Task 300 - Construction Phase Services		3	44	232	32	16	2	26	120	101	9	98	2	22	0	72	14	20	813	\$129,890
Percent of Total - Task 300		0%	5%	29%	4%	2%	0%	3%	15%	12%	1%	12%	0%	3%	0%	9%	2%	2%	100%	
301	Construction Administration Support Services	1	16	24	16	12	2	26	40	65	9	50	2	22		40	4	6	335	\$51,248
302	Witness Testing		4	4		4			80								4		96	\$15,520
303	Field Support Services	1	16	192						36		48				12	4	12	321	\$52,780
304	Permitting	1	8	12	16											20	2	2	61	\$10,342
		1%	6%	22%	3%	3%	0%	2%	9%	16%	7%	9%	0%	3%	4%	8%	3%	3%	100%	
	Total Hours Estimated	8	88	316	40	49	2	35	122	228	98	121	6	44	56	120	36	44	1413	
	Total Salary (Labor B&V)	\$2,176	\$18,040	\$55,300	\$9,000	\$11,025	\$316	\$4,970	\$19,276	\$32,376	\$12,348	\$19,118	\$576	\$5,544	\$8,848	\$13,920	\$4,140	\$3,960		\$220,933
Direct Costs																				\$7,717
	Mileage		\$290	\$4,287																\$4,577
	Communications and Shipping																	\$250		\$250
	Printing and Reproduction Services																	\$500		\$500
	Travel Costs		\$30	\$360					\$1,500	\$500										\$2,390
	TOTAL FEE																			\$228,650

NEGOTIATED RATES USED TO DEVELOP THIS FEE

\$272.00

\$205.00

\$175.00

\$225.00

\$225.00

\$158.00

\$142.00

\$158.00

\$142.00

\$126.00

\$158.00

\$96.00

\$126.00

\$158.00

\$116.00

\$115.00

\$90.00