

Task Order No. XX - Design Services
Aeration System Upgrade
Richard A. Heyman Environmental Protection Facility

Work Breakdown Structure		Project Director	Senior Project Manager	Engineering Manager	Technical Specialist - WW Process	Staff Engineer III - Structural	Project Engineer - Electrical	Staff Engineer III - Electrical	Staff Engineer III - Civil	Project Engineer - Mech. Process	Staff Engineer III - Mech. Process	Project Engineer - I&C	Staff Engineer III I&C	Senior Engineer - Cost Estimating	Senior Engineering Technician	Senior Adminstrator	Total Hours	Labor Cost
Task Series 100 - Blower Selection Evaluation Memorandum		1	4	12	48	0	2	0	0	40	100	4	24	0	16	2	253	\$37,136
Percent of Total - Task 100		0%	2%	5%	19%	0%	1%	0%	0%	16%	40%	2%	9%	0%	6%	1%	100%	
101	Blower and Air Delivery System Evaluation Memorandum	1	4	12	48		2			40	100	4	24		16	2	253	\$37,136
Task Series 200 - Design Services		3	48	72	36	60	70	56	24	80	140	24	180	24	106	12	935	\$130,612
Percent of Total - Task 200		0%	5%	8%	4%	6%	7%	6%	3%	9%	15%	3%	19%	3%	11%	1%	100%	
201	Project Coordination	1	24	24	20	12										12	93	\$16,060
202	Detailed Design - Construction Documents Level 2	1	12	24	8	32	12	16	12	40	80	16	100	12	64		429	\$57,948
203	Detailed Design - Construction Documents Level 3 & 4	1	12	24	8	16	58	40	12	40	60	8	80	12	42		413	\$56,604
Task 300 - Bid And Pre-Award Services		0	16	24	2	10	4	4	12	6	24	8	16	0	10	2	138	\$20,070
Percent of Total - Task 300		0%	12%	17%	1%	7%	3%	3%	9%	4%	17%	6%	12%	0%	7%	1%	100%	
301	Bid Services		8	12	2	8	2	2	4	4	12	4	8		4	2	72	\$10,470
302	As Bid Documents Preparation		8	12		2	2	2	8	2	12	4	8		6		66	\$9,600
		0%	5%	8%	6%	5%	6%	5%	3%	10%	20%	3%	17%	2%	10%	1%	100%	
	Total Hours Estimated	4	68	108	86	70	76	60	36	126	264	36	220	24	132	16	1326	
	Total Salary (Labor B&V)	\$1,088	\$13,940	\$18,900	\$17,630	\$8,680	\$10,792	\$7,440	\$4,464	\$17,892	\$32,736	\$5,112	\$27,280	\$3,792	\$16,632	\$1,440		\$187,818
Direct Costs																		\$3,069
	Mileage		\$500	\$860	\$860													\$2,220
	Communications and Shipping															\$249		\$249
	Printing and Reproduction Services															\$600		\$600
	Travel Costs																	\$0
	TOTAL FEE																	\$190,887

NEGOTIATED RATES USED TO DEVELOP THIS FEE

\$272.00

\$205.00

\$175.00

\$205.00

\$124.00

\$142.00

\$124.00

\$124.00

\$142.00

\$124.00

\$142.00

\$124.00

\$158.00

\$126.00

\$90.00