

CITY OF SANGER, TEXAS
WASTEWATER TREATMENT PLANT - ADDITIONAL BLOWER
Additional Blower
1416-010-01

Level 2 (Phase) No. and Description Level 3 (Task) No. and Description	Principal (hrs)	Sr. Proj Mgr (hrs)	Elec. Engr. (hrs)	Proj Engr (hrs)	EIT (hrs)	Technician (hrs)	Clerical (hrs)	QC (hrs)	Total Labor		Percent of Total Fee
									Hours	Fee (\$\$\$)	
Additional Blower	0	46	52	24	66	16	14	2			100.0%
A Additional Blower	0	24	48	0	42	16	10	0	140	\$ 30,040	64.5%
1 Design		4	24		8	12	4		52	\$ 11,140	23.9%
2 Bid Assistance		4	2		8		4		18	\$ 3,320	7.1%
3 Construction Administration		8	12		24				44	\$ 9,280	19.9%
4 Record Drawings			2		2	4	2		10	\$ 1,540	3.3%
5 Site Visits (4 Visits, 2 by PM, 2 by EE; 4 hrs ea.)		8	8						16	\$ 4,760	10.2%
B Memo on Plant Expansion	0	12	4	24	24	0	4	0	68	\$ 12,900	27.7%
1 Tech Memo		8	4	16	8		4		40	\$ 8,000	17.2%
2 Hydraulic Analysis		2		4	8				14	\$ 2,450	5.3%
3 OPCC (Class 5)		2		4	8				14	\$ 2,450	5.3%
4 Level 3 (Task) Name									0	\$ -	0.0%
5 Level 3 (Task) Name									0	\$ -	0.0%
PM ADMINISTRATIVE/QC TASKS	0	10	0	0	0	0	0	2	12	\$ 3,660	7.9%
1 Quality Control (includes 3 meetings)								2	2	\$ 610	1.3%
3 Project Management		10							10	\$ 3,050	6.5%
TOTAL LABOR	0	46	52	24	66	16	14	2	220	\$ 46,600	100.0%
Total Labor Hours	0	46	52	24	66	16	14	2	220	\$ 46,600	100.0%
Total Labor Amount										\$ 46,600	
Total Amounts by Labor Category	\$ -	\$ 14,030	\$ 15,080	\$ 4,320	\$ 9,240	\$ 1,920	\$ 1,400	\$ 610		\$ 46,600	
Labor Category Percent of Total Labor	0.0%	30.1%	32.4%	9.3%	19.8%	4.1%	3.0%	1.3%			100.0%
TOTAL EXPENSES (see breakdown below)											
Total Subconsultants										\$ -	
Total Reimbursables										\$ 2,070	
Total Expenses										\$ 2,070	
GRAND TOTAL - Additional Blower										\$ 48,670	

SUBCONSULTANT EXPENSES

Code	Description	Budget (\$)	Markup	Fee (\$\$\$)
CA	Architect Consultant	\$ -	1.15	\$ -
CC	Civil Engr Consultant	\$ -	1.15	\$ -
CE	Electrical Consultant	\$ -	1.15	\$ -
CG	Geotechnical Consultant	\$ -	1.15	\$ -
CM	Mechanical Consultant	\$ -	1.15	\$ -
CO	Other Consultant	\$ -	1.15	\$ -
CS	Structural Consultant	\$ -	1.15	\$ -
CY	Surveying Consultant	\$ -	1.15	\$ -
C1		\$ -	1.15	\$ -
C2		\$ -	1.15	\$ -
C3		\$ -	1.15	\$ -
C4		\$ -	1.15	\$ -
C5		\$ -	1.15	\$ -
C6		\$ -	1.15	\$ -
TOTAL SUBCONSULTANT EXPENSES		\$ -		\$ -

REIMBURSABLE EXPENSES

Code	Description	Budget (\$)	Markup	Fee (\$\$\$)
RA	Laboratory Analysis	\$ -	1.15	\$ -
RC	Computer	\$ -	1.15	\$ -
RH	Historical	\$ -	1.15	\$ -
RI	In-House Reproduction	\$ 100	1.15	\$ 115
RL	Long Distance Telephone	\$ -	1.15	\$ -
RM	Employee Mileage	\$ 200	1.15	\$ 230
RO	Other Expenses	\$ -	1.15	\$ -
RP	Purchased Services	\$ -	1.15	\$ -
RR	Reproduction	\$ 1,500	1.15	\$ 1,725
RS	Shipping, Delivery, Postage	\$ -	1.15	\$ -
RT	Travel, Meals, Lodging	\$ -	1.15	\$ -
RU	Telecommunications	\$ -	1.00	\$ -
R1		\$ -	1.15	\$ -
R2		\$ -	1.15	\$ -
TOTAL REIMBURSABLE EXPENSES				\$ 2,070