



**City of San Luis
San Luis East WWTP
East WWTP Basin Repair
Exhibit D - Labor Breakdown**

Labor Categories

Billing Rates											
MAJOR TASKS	LABOR SUB-TASK	ACTIVITY (Please Specify) PACE Billing Rates	Principal \$235.00	Sr. Proj. Mgr \$190.00	Project Manager \$177.00	Proj. Engineer \$136.00	Design Engineer \$115.00	Sr CAD Designer \$117.00	CAD Designer \$91.00	Admin. Support \$70.00	Total Labor Hours/Cost
10 Data Collection & Analysis											
10.1	Site Visits (4)			16	4	4					\$ 4,292
10.2	Review Plans & Perform Alternative Analysis			16							\$ 3,040
10.3	Prepare Budgets for City Selected Alternatives			1		1				4	\$ 606
10.4	Structural Review of Plans			2							\$ 380
Total Phase Hours			0	35	4	5	0	0	0	4	48
Total Phase Cost			\$0	\$6,650	\$708	\$680	\$0	\$0	\$0	\$280	\$ 8,318
11 Pipe Relocation Design											
11.1	Pipe Relocation Design			8	4			4	8		\$ 3,424
Total Phase Hours			0	8	4	0	0	4	8	0	24
Total Phase Cost			\$0	\$1,520	\$708	\$0	\$0	\$468	\$728	\$0	\$ 3,424
50 Bid Services											
50.1	Prepare Bid Plans & Specifications Set			2	12						\$ 2,504
50.2	Prepare Bid Package			2						16	\$ 1,500
50.3	Attend Pre-Bid meeting			4			4				\$ 1,220
50.4	Bid Process Support			4						8	\$ 1,320
50.5	Review & Evaluate Bids			2							\$ 380
Total Phase Hours			0	14	12	0	4	0	0	24	54
Total Phase Cost			\$0	\$2,660	\$2,124	\$0	\$460	\$0	\$0	\$1,680	\$ 6,924
60 Construction Services (NTE T&E)											
60.1	Pre-Construction and Const. Progress Meetings (8 Visits)			32							\$ 6,080
60.2	Tank Repair Inspection (4 hrs/day, 20 working days/tank)										\$ 18,400
60.3	Respond to RFIs and Submittal Reviews (Included in above)										\$ -
60.4	Review/Approval of Contractor Payment Applications			2						2	\$ 520
60.5	Special Inspections By Manufacturer										\$ -
60.6	Hydrostatic Testing (2 hrs/day, 10 working days/tank)										\$ 4,600
Total Phase Hours			0	34	0	0	0	0	0	2	36
Total Phase Cost			\$0	\$6,460	\$0	\$0	\$0	\$0	\$0	\$140	\$29,600
TOTAL LABOR HOURS			0	91	20	5	4	4	8	30	162
TOTAL LABOR COST			\$0	\$17,290	\$3,540	\$680	\$460	\$468	\$728	\$2,100	\$48,266

Estimated Expenses (Specify)

Travel (Mileage & Meals)	\$2,500
Reproduction & Shipping	\$0
Total Expenses	\$2,500

Estimated Expenses (Billed at Cost +10%) \$2,500

TOTAL PROJECT AMOUNT \$50,766