

Exhibit A

City of San Marcos											
Water Master Plan Update											
Water Treatment Plant Imp. For ARWA Water											
Project No. 2											
Level 2 (Phase) No. and Description <i>Level 3 (Task) No. and Description</i>	Principal (hrs)	Sr. Proj Mgr (hrs)	Proj Mgr (hrs)	Proj Engr (hrs)	EIT (hrs)	Technician (hrs)	Clerical (hrs)	QC (hrs)	Total Labor		Percent of Total Fee
									Hours	Fee (\$\$\$)	
Water Treatment Plant Imp. For ARWA Water	80	0	332	36	860	180	50	34	1,572	\$ 233,840	100.0%
1 Preliminary Engineering Services	16	0	40	24	62	14	12	12	180	\$ 29,120	12.5%
1.1 Project Kick-off	4		6		4				14	\$ 2,830	1.2%
1.2 Develop pumping system hydraulics								2	2	\$ 480	0.2%
1.3 Conduct hydraulic transient analysis								2	2	\$ 480	0.2%
1.4 Electrical improvements								2	2	\$ 480	0.2%
1.5 Size ground storage tank	2		4		10				16	\$ 2,610	1.1%
1.6 Develop site layout	2		8		16	8			34	\$ 5,060	2.2%
1.7 Develop control narrative	4		8	16					28	\$ 4,960	2.1%
1.8 Develop Preliminary OPCC	2		4	8	12			2	28	\$ 4,460	1.9%
1.9 Prepare PER	2		10		20	6	12	4	54	\$ 7,760	3.3%
2 Design Services	30	0	88	12	144	110	32	22	438	\$ 66,350	28.4%
2.1 Attend progress meetings (4)	4		12		12				28	\$ 5,000	2.1%
2.2 Prepare drawings and specs	8		40		80	80	20	12	240	\$ 34,000	14.5%
2.3 Attend review meetings and address comments	12		12		12				36	\$ 7,320	3.1%
2.4 Provide Final Bid Documents	2		12		20	30	12	8	84	\$ 11,870	5.1%
2.5 Update OPCC	2		8	12	12			2	36	\$ 5,800	2.5%
2.6 Submit for Approvals	2		4		8				14	\$ 2,360	1.0%
3 Bidding Assistance	2	0	30	0	50	32	6	0	120	\$ 16,900	7.2%
3.1 Provide Electronic copy of Bid Docs			4		8	8	4		24	\$ 3,060	1.3%
3.2 Assist in advertisement			4		4		2		10	\$ 1,460	0.6%
3.3 Attend Pre-Bid conference			6		8				14	\$ 2,170	0.9%
3.4 Issue Addenda as appropriate	2		10		16	16			44	\$ 6,370	2.7%
3.5 Prepare Bid Tabulation and provide recommendation			2		6				8	\$ 1,140	0.5%
3.6 Prepare Conformed Documents			4		8	8			20	\$ 2,700	1.2%
4 Construction Administration	32	0	174	0	604	24	0	0	834	\$ 121,470	51.9%
4.1 Act as Client rep	20		60		400				480	\$ 67,500	28.9%
4.2 Participate in Pre-Construction Mtg			4		6				10	\$ 1,530	0.7%
4.3 Review contractor schedules			2		6				8	\$ 1,140	0.5%
4.4 Attend progress meetings	6		40		60				106	\$ 17,040	7.3%
4.5 Receive and respond to RFIs	2		20		40	12			74	\$ 10,860	4.6%
4.6 Recommend Change Orders	2		10		20				32	\$ 5,030	2.2%
4.7 Review shop drawings			8		20				28	\$ 4,060	1.7%
4.8 Render formal written decisions	2		8		12				22	\$ 3,640	1.6%
4.9 Review Pay applications			8		12				20	\$ 3,060	1.3%
4.1 Review O&M Manuals			4		8				12	\$ 1,780	0.8%
4.11 Conduct Final Walk-Through			6		12				18	\$ 2,670	1.1%
4.12 Prepare Record Drawings			4		8	12			24	\$ 3,160	1.4%
TOTAL LABOR	80	0	332	36	860	180	50	34	1,572	\$ 233,840	100.0%
Total Labor Hours	80	0	332	36	860	180	50	34	1,572		
Total Labor Amount										\$ 233,840	100.0%
Total Amounts by Labor Category	\$ 23,200	\$ -	\$ 64,740	\$ 5,040	\$ 107,500	\$ 20,700	\$ 4,500	\$ 8,160	\$ 233,840		
Labor Category Percent of Total Labor	9.9%	0.0%	27.7%	2.2%	46.0%	8.9%	1.9%	3.5%			100.0%
TOTAL EXPENSES (see breakdown below)											
Total Subconsultants									\$ 232,570		
Total Reimbursables									\$ 14,028		
Total Expenses									\$ 246,598		
GRAND TOTAL - Water Treatment Plant Imp. For ARWA Water									\$ 480,438		

SUBCONSULTANT EXPENSES

Code	Description	Budget (\$\$)	Markup	Fee (\$\$\$)
CA	Architect Consultant	\$ -	1.05	\$ -
CC	Civil Engr Consultant	\$ -	1.05	\$ -
CE	Electrical Consultant	\$ -	1.05	\$ -
CG	Geotechnical Consultant	\$ 27,895	1.05	\$ 29,290
CM	Mechanical Consultant	\$ -	1.05	\$ -
CO	Other Consultant	\$ -	1.05	\$ -
CS	Structural Consultant	\$ -	1.05	\$ -
CY	Surveying Consultant	\$ -	1.05	\$ -
C1	HDR	\$ 193,600	1.05	\$ 203,280
C2		\$ -	1.05	\$ -
C3		\$ -	1.05	\$ -
C4		\$ -	1.05	\$ -
C5		\$ -	1.05	\$ -
C6		\$ -	1.05	\$ -
TOTAL SUBCONSULTANT EXPENSES		\$ 221,495		\$ 232,570

GBRA - 100%

REIMBURSABLE EXPENSES

Code	Description	Budget (\$\$)	Markup	Fee (\$\$\$)
RA	Laboratory Analysis	\$ -	1.05	\$ -
RC	Computer	\$ 7,860	1.05	\$ 8,253
RH	Historical	\$ -	1.05	\$ -
RI	In-House Reproduction	\$ -	1.05	\$ -
RL	Long Distance Telephone	\$ -	1.05	\$ -
RM	Employee Mileage	\$ 3,000	1.05	\$ 3,150
RO	Other Expenses	\$ -	1.05	\$ -
RP	Purchased Services	\$ -	1.05	\$ -
RR	Reproduction	\$ 2,500	1.05	\$ 2,625
RS	Shipping, Delivery, Postage	\$ -	1.05	\$ -
RT	Travel, Meals, Lodging	\$ -	1.05	\$ -
RU	Telecommunications	\$ -	1.00	\$ -
R1		\$ -	1.05	\$ -
R2		\$ -	1.05	\$ -
TOTAL REIMBURSABLE EXPENSES		\$ 13,360		\$ 14,028