

**City of Beaumont
New MBR System Design, CM&I and ESDC**

		ALBERT A. WEBB ASSOCIATES, INC.					AQUA/SKM Eng.								LABOR	Structural Subconsultant	REIMBURSABLE EXPENSES	TOTAL	
		Principal II	Construction Manager	Principal Inspector (TBD)	Project Coordinator	Total Hours	AQUA Principal	AQUA Senior Eng.	AQUA Eng.	AQUA/SKM Designer	SKM Principal	SKM Senior Eng.	SKM Engineer	Project Coordinator					Total Hours
1.0 TASK 1 - Design																			
a	Mechanical	40				40	20	80	200	400				8	708	\$ 107,204	\$ -	\$ 107,204	
b	Structural	6				6	8	20						4	32	\$ 7,334	\$ 46,000	\$ 53,334	
c	Electrical & Instrumentation	6				6	4	8		200	8	40	100		360	\$ 51,474	\$ -	\$ 51,474	
d	Specifications and Bidding	8			4	12	8	16	40		6	12	20	8	110	\$ 20,590	\$ -	\$ 20,590	
Task 1 Subtotal		60	0	0	4	64	40	124	240	600	14	52	120	20	1210	\$ 186,602	\$ 46,000	\$ -	\$ 232,602
2.0 TASK 2 - CM, Inspection, & Engineering Services during Construction																			
a	Construction Management (assume 20 weeks)	6	80		40	126									0	\$ 23,550	\$ -	\$ 23,550	
b	Field Inspection (assume 20 weeks half time)	6	40	400	40	486									0	\$ 75,390	\$ -	\$ 75,390	
c	SCADA Programming	2				2	20	40			60	200	200	10	530	\$ 93,760	\$ -	\$ 200	\$ 93,960
d	Submittals, Shop Drawings, RFIs (assume 20 total)	4	20		20	44	8	20	40		8	20		4	100	\$ 24,876	\$ 2,875	\$ 50	\$ 27,801
e	Commissioning & Startup	6	60	20		86	20	20			10	40		4	94	\$ 35,892	\$ -	\$ 35,892	
f	Project closeout, Record Drawings, and O&M	2			4	6	4	8	20	60	4	8	40	4	148	\$ 22,070	\$ -	\$ 22,070	
g	Coordination & Permitting	20			4	24	20	40	12					4	76	\$ 19,544	\$ -	\$ 19,544	
Task 2 Subtotal		46	200	420	108	774	72	128	72	60	82	268	240	26	948	\$ 295,082	\$ 2,875	\$ 250	\$ 298,207
TOTAL HOURS AND COST (TASKS 1 - 2):		106	200	420	112	838	112	252	312	660	96	320	360	46	2158	\$ 481,684	\$ 48,875	\$ 250	\$ 530,809