

Colorado Acres RO System Improvements  
Webb County



Prepared by: JSH	Reviewed by: JLB
Date: 9/8/2021	Date:

Budget Hours

		Rates	Project Principal \$220	Sr. Project Manager \$180	Project Manager \$160	GPS Survey Crew \$200	Senior Engineer \$145	Construction / Commissioning Manager \$135	CAD 1 \$130	CAD 2 \$100	Operations Specialist \$140	Admin. Assistant \$70	Electrical Engineer 1.1	Expenses 1.1	Budgeted Task Cost
<b>ENGINEERING TASKS</b>															
<b>1</b>	<b>Preliminary Design</b>														<b>\$50,410.00</b>
1.1	Site Visit and Kick-Off Meeting			10	10									\$500	\$3,950.00
1.2	PER Development	2	24	30					12						\$10,760.00
1.3	EID Development			120								8		\$200	\$22,380.00
1.4	TCEQ Step 1 Report	2	8	20								8			\$5,640.00
1.5	OPCC Development			4	4										\$1,360.00
1.6	Coordination Meetings	0		16	16										\$5,440.00
1.7	QA/QC Review	4													\$880.00
<b>2</b>	<b>Final Design</b>														<b>\$100,060.00</b>
2.1	Final Specifications			36	40							16	\$3,000		\$17,300.00
2.2	Final Drawings			60	100			160	160				\$8,000		\$72,400.00
2.3	Coordination Meetings			16	16									\$2,000	\$7,640.00
2.4	TCEQ Submittal Coordination			8	8										\$2,720.00
<b>3</b>	<b>Bidding</b>														<b>\$16,320.00</b>
3.1	Bidding Support			24	16										\$6,880.00
3.2	Contracting Support			16	16										\$5,440.00
3.3	Bid Opening			10										2000	\$4,000.00
<b>4</b>	<b>Construction Phase Services</b>														<b>\$92,700.00</b>
4.1	Review Submittals and RFIs			20	40								\$2,000		\$12,200.00
4.2	Review Draft O&M Manuals				30										\$4,800.00
4.3	Owner Coordination and Documentation			20	20										\$6,800.00
4.4	Construction Administration Meetings and Expenses			20	20									\$1,000	\$7,900.00
4.5	Site Visit Inspections (12)			100	120									\$10,000	\$48,200.00
4.6	Update of Record Drawings			8	16			20	40				\$1,000	\$1,000	\$12,800.00
<b>5</b>	<b>Additional Services</b>														<b>\$39,650.00</b>
5.1	Surveying				24									\$2,500	\$7,550.00
5.2	Plan of Operations Manual									24	8				\$3,920.00
5.3	Commissioning									40				\$2,000	\$7,800.00
5.4	Air Permit by Rule for Evaporation Pond			80	8										\$15,680.00
5.5	Liner Certification			20										\$1,000	\$4,700.00
		<b>Total Hours</b>	<b>8</b>	<b>620</b>	<b>530</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>180</b>	<b>212</b>	<b>64</b>	<b>40</b>	<b>\$14,000</b>	<b>\$22,200</b>	
														<b>TOTAL FEE</b>	<b>\$299,140.00</b>