

ESTIMATE FOR ENGINEERING SERVICES

PROJECT:	Village of Wellington Train 7 Build-Out				SHEET	1 of 1		
CLIENT:	Wellington				FILE NO.			
ESTIMATOR:	Matt Tebow/John Potts				DATE:	02/28/19		
DESCRIPTION: See Scope of Services	DIRECT LABOR (MAN-HOURS)							
	Principal	Engineer (PE)	Engineer (EI)	Admin		SUB	EXP	LINE
								TOTAL
	JP/MM	MT	AG/DC	TC				
Task 1 - Preliminary Engineering and Technical Design Memorandum								
Review Operating Conditions and Performance	2.0	16.0	16.0					\$4,470
Preliminary Engineering and Evaluation	4.0	16.0	16.0					\$4,940
Preliminary Electrical/I&C Engineering and Evaluation	2.0	4.0	2.0			\$5,000		\$6,250
Prepare Draft Technical Design Memorandum	1.0	8.0	16.0	2.0				\$3,275
Review Meeting	2.0	4.0	4.0					\$1,470
Prepare Final Technical Design Memorandum	1.0	8.0	12.0	2.0				\$2,835
Task 2 - Design, Permitting , Bidding								
Train 7 Modifications	2.0	15.0	15.0					\$4,220
Degasifier Modifications	2.0	6.0	15.0					\$2,960
Blower Modifications	2.0	4.0	15.0					\$2,680
First Stage Scrubber Modifications	1.0	4.0	10.0					\$1,895
Second Stage Scrubber Modifications	1.0	2.0	10.0					\$1,615
Degasifier Piping / Valving Modifications	1.0	4.0	15.0					\$2,445
Degasifier / Scrubber Duct Modifications	2.0	4.0	15.0					\$2,680
Chemical Feed System Modifications	2.0	4.0	10.0					\$2,130
Specifications	2.0	6.0	15.0	10.0				\$3,760
Electrical/I&C	3.0	12.0	5.0			\$25,000		\$27,935
Permitting - PBCHD	3.0	10.0	10.0	5.0				\$3,605
Permitting - Building Department	3.0	12.0	4.0	5.0				\$3,225
Bidding	5.0	20.0	5.0	5.0				\$4,925
Re-Rating Report (FAC 62-555.528)	4.0	25.0	12.0	3.0				\$6,000
Capacity Analysis Report (FAC 62-555.348)	4.0	25.0	15.0	3.0				\$6,330
	49	209	237	35				
	\$235	\$140	\$110	\$80		1.00		
	\$11,515	\$29,260	\$26,070	\$2,800		\$30,000		\$99,645