

**PECSD - Water Treatment Plant  
PROJECT PERMITTING & BIDDING ASSISTANCE SERVICES  
Engineering Fee Estimate (Draft)**

TASKS	Rate (\$/hr)	Principal Civil Engineer - Lucas	Senior Engineer	Electrical Engineer I - Matt Bodge	Engineer in Training II - Michael Persyn	Electrical Engineer - David Oto	Project Assistant -	Administrator III -	GIS Analyst II -	GIS Technician -	Regulatory & Env. Specialist	Professional Surveyor -	Survey Technician II-	2 Man Survey Crew	Total Labor		Expenses (a)					TOTAL
		\$172	\$150	\$120	\$100	\$150	\$93	\$90	\$140	\$87	\$100	\$140	\$100	\$220	Hours	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
<b>Project Management</b>																						
Monthly Reports/Progress Billings		5					9								14	\$1,584						\$1,584
Contract Management (TO 15, Amendments, ODS)		5													5	\$774						\$774
Attend Monthly Board Meetings (1 hr. each month for 9 months)		9													9	\$1,548						\$1,548
	<b>Subtotal</b>	<b>18</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27</b>	<b>\$3,906</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,906</b>
<b>Funding Acquisition</b>																						
Meetings		12	8												20	\$3,264						\$3,264
Applications/Correspondence		16			12										28	\$3,952						\$3,952
Calculations/Engineering		12			24										36	\$4,464						\$4,464
Technical Review		8	6		6										20	\$2,876						\$2,876
Environmental Review		6													6	\$1,032						\$1,032
Financial analysis		8			8										16	\$2,176						\$2,176
	<b>Subtotal</b>	<b>62</b>	<b>14</b>	<b>0</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>126</b>	<b>\$17,764</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$17,764</b>
<b>Engineering Design</b>																						
Iron Removal		30	12		40										82	\$10,960						\$10,960
2021 Update		26	12	20	24	20									102	\$14,072						\$14,072
LOMR		30	8		20										58	\$8,360						\$8,360
	<b>Subtotal</b>	<b>86</b>	<b>32</b>	<b>20</b>	<b>84</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>242</b>	<b>\$33,392</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$33,392</b>
<b>Bid Support</b>																						
Update Contract Documents		2	4	4	6		8								24	\$2,768						\$2,768
Pre-Bid Conference		12		5	12		8								37	\$4,608						\$4,608
Bidder Questions		21	7	14	14										56	\$7,742						\$7,742
Addenda		11	4	7	7		14								42	\$5,173						\$5,173
Review Bids and Make Recommendation to Award		8			4		8								20	\$2,520						\$2,520
Coordination and Preparation of Construction Contract Documents for Approval (Agency + Distr		8					16								24	\$2,864						\$2,864
	<b>Subtotal</b>	<b>62</b>	<b>15</b>	<b>30</b>	<b>43</b>	<b>0</b>	<b>54</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>203</b>	<b>\$25,675</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$25,675</b>
<b>SubConsultants (Bid Support, Submittal Review, RFI's)</b>																						
CR Engineering - Mechanical		9													9	\$1,548	\$11,270					\$12,818
Hartman - Structural		9													9	\$1,548	\$4,025					\$5,573
SCADA Design Update + Bid Assistance (Sierra Controls)		9													9	\$1,548	\$5,175					\$6,723
Hauge Breuke - Environmental/Cultural (Contracted w/ District)															0	\$0						\$0
															0	\$0						\$0
															0	\$0						\$0
															0	\$0						\$0
	<b>Subtotal</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27</b>	<b>\$4,644</b>	<b>\$20,470</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$25,114</b>
<b>Owner Directed Services</b>																						
10% Contingency															0	\$0	\$10,585					\$10,585
															0	\$0						\$0
	<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$10,585</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,585</b>
	<b>TOTAL</b>	<b>255</b>	<b>61</b>	<b>50</b>	<b>177</b>	<b>20</b>	<b>54</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>625</b>	<b>\$85,381</b>	<b>\$31,055</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$116,436</b>