

**SLEEPY HOLLOW STEELHEAD REARING FACILITY REHABILITATION**  
**Architectural/Engineering Design Services Fee Estimate**

TASKS	Mechanical Engineering/Team Management					Engineer	Engineer	Engineer
	LEC	LEC	LEC	LEC	LEC	Whitson	Whitson	Whitson
	Principal	Project Mgr	Dsgr/CAD	Admin	Admin	Principal	Land Sur	Assoc Sur
rate:	\$175.00	\$150.00	\$100.00	\$80.00	\$80.00	\$210.00	\$155.00	\$135.00
<b>TASK #1 - Project Startup</b>	<b>\$2,100</b>	<b>\$1,800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,260</b>	<b>\$620</b>	<b>\$540</b>
Project start-up meeting with MPWMD, program discussion	4	4				2		
Review existing and prior design documents	2	2				2		
Field survey, update base drawings	6	6				2	4	4
Written narrative of conditions assessment, Code analysis								
<b>subtotal of hours</b>	<b>12</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>4</b>	<b>4</b>
<b>TASK #2 - Schematic Design</b>	<b>\$4,900</b>	<b>\$16,200</b>	<b>\$5,200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$630</b>	<b>\$0</b>	<b>\$0</b>
River water intake and fish screen	4	8	8			0.5		
Settling chamber and access walkway	12	16	8			0.5		
Pump room and pumps	12	16	8			1		
Piping and filter	4	12	6					
Cooling tower and side filter	4	16	8					
Cold well pumps, piping	8	16	8					
Controls	4	4						
Arkal filter, piping and controls	4	12	6			1		
Project management	8	8						
<b>subtotal of hours</b>	<b>28</b>	<b>108</b>	<b>52</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>
<b>TASK #3 - Meeting with MPWMD/Design Review</b>	<b>\$700</b>	<b>\$1,200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$630</b>	<b>\$0</b>	<b>\$0</b>
Preliminary compliance review meeting and minutes	4	8				3		
<b>subtotal of hours</b>	<b>4</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>
<b>TASK #4 - Design Development</b>	<b>\$14,175</b>	<b>\$20,700</b>	<b>\$6,200</b>	<b>\$160</b>	<b>\$160</b>	<b>\$1,260</b>	<b>\$0</b>	<b>\$0</b>
Incorporate review comments into Design Development work	2	2	2			1		
River water intake and fish screen	4	8	8			1		
Settling chamber and access walkway	12	16	8			1		
Pump room and pumps	12	16	8					
Piping and filter	4	12	6					
Cooling tower and side filter	4	16	8					
Cold well pumps, piping	8	16	8					
Controls	12	24	8					
Arkal filter, piping and controls	4	12	6			3		
Meet with District	3							

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Prepare cost estimate	8	8	2		
Project management	8	8			
<b>subtotal of hours</b>	<b>81</b>	<b>138</b>	<b>62</b>	<b>6</b>	<b>0</b>
<b>TASK #5 - Construction Docs. - 90% Complete set</b>	<b>\$9,625</b>	<b>\$11,400</b>	<b>\$4,000</b>	<b>\$0</b>	<b>\$1,260</b>
Complete Construction documents to 90% completion	32	48	40	2	
Coordination and technical review at 50% and 90% completion	4	4			
Complete Specifications, product info and cut sheets	2	4			
Product literature and samples	2	4			
Final coordinated CD's readied for bid packaging	4	8			
Meet with District	3				3
Project management	8	8			1
<b>subtotal of hours</b>	<b>55</b>	<b>76</b>	<b>40</b>	<b>0</b>	<b>6</b>
<b>TASK #6 - Finalization of Construction Docs.</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>subtotal of hours</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TASK #7 - Meet w/MPWMD/Coordinate bid package</b>	<b>\$1,400</b>	<b>\$1,200</b>	<b>\$800</b>	<b>\$0</b>	<b>\$840</b>
Permit submission and final review and revisions	8	8	8		4
Completed construction documents delivered and issued for bid					
<b>subtotal of hours</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>0</b>	<b>4</b>
<b>Total Professional Fees for Services</b>	<b>\$32,900</b>	<b>\$52,500</b>	<b>\$16,200</b>	<b>\$160</b>	<b>\$5,880</b>
Consultant Administration Fees at 10%					\$588
					\$62
					\$54

TASKS	Mechanical Engineering/Team Management				Engineer	Engineer	Engineer
	LEC	LEC	LEC	LEC	Whitson	Whitson	Whitson
avg. rate	Principal	Project Mgr	Dsgr/CAD	Admin	Whitson	Whitson	Whitson
geotechnical report							
Photography							
Misc. Fax/Copy/Messenger/Tele/Supplies						\$200	
Reproduction							
<b>TOTAL REIMBURSABLE EXPENSES</b>			<b>\$200</b>		<b>\$0</b>	<b>\$200</b>	<b>\$0</b>

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<b>SUBTOTAL PROFESSIONAL FEES AND EXPENSES</b>		<b>\$5,880</b>	<b>\$820</b>	<b>\$540</b>
<b>Total Professional Fees and Expenses</b>				
<b>Optional TASK #8 - Bidding phase services</b>				
Respond to bidder's questions, issue clarifications	\$0	\$0	\$0	\$0
Issue final updated documents for construction				0
Meet with MPWMD re: bid analysis and selection				
subtotal of hours	0	0	0	0
<b>Optional TASK #9 - Const. Admin services</b>				
Occasional site visits for progress observation				
Submittal review and respond to RFIs as needed				
Allowance for meetings, punchlist preparation				
subtotal of hours	0	0	0	0
<b>Expenses (for optional tasks #8 and #9)</b>				
Photography				
Misc. Fax/Copy/Messenger/Tele/Supplies				
Reproduction				
Consultant Administrative Fee (% allowed per contract)				
TOTAL REIMBURSABLE EXPENSES			\$0	\$0
<b>SUBTOTAL PROFESSIONAL FEES AND EXPENSES</b>				
Subtotal Optional Services			\$0	\$0
GRAND TOTAL			\$0	\$0

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Engineer Whitson	Engineer Whitson Engr Tech	Engineer Fehr Engineer	Engineer Fehr Engr Tech	Engineer Streeter Engineer	Engineer Streeter Engr Tech	Engineer Streeter CAD	Totals
\$260.00	\$105.00	\$180.00	\$100.00	\$140.00	\$125.00	\$105.00	
<b>\$5,200</b>	<b>\$2,520</b>	<b>\$1,800</b>	<b>\$0</b>	<b>\$140</b>	<b>\$125</b>	<b>\$0</b>	<b>\$16,105</b>
20	24	2	1	1	1		
		2					
	24	2					
		6					
20	24	10	0	1	1	0	
<b>\$0</b>	<b>\$0</b>	<b>\$1,620</b>	<b>\$0</b>	<b>\$280</b>	<b>\$375</b>	<b>\$0</b>	<b>\$29,205</b>
					0.5		
		2			0.5		
		2			0.5		
		2			0.5		
		1			0.5		
		2		2	0.5		
0	0	9	0	2	3	0	
<b>\$0</b>	<b>\$0</b>	<b>\$360</b>	<b>\$0</b>	<b>\$280</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,170</b>
		2		2			
0	0	2	0	2	0	0	
<b>\$0</b>	<b>\$0</b>	<b>\$7,020</b>	<b>\$1,600</b>	<b>\$1,960</b>	<b>\$1,375</b>	<b>\$735</b>	<b>\$55,185</b>
		1	2		1	1	
		2	2		1	1	
		4	2		1	1	
		6	2		1	1	
		2	2		1	1	
		4	2		1	1	
		4	2		1	1	
		4	2		1	1	
		4		4			

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	8	4	4	8	4	4	8	2	4		
	4			2							
	39	16	14	11	7						
<b>\$0</b>	<b>\$11,880</b>	<b>\$4,600</b>	<b>\$1,680</b>	<b>\$2,500</b>	<b>\$1,050</b>	<b>\$47,995</b>					
	34	36	8	8							
	2	2	2	2	2						
	14	4	4	4	8						
	2	4	4	4	4						
	4	8	4	4	2						
	4	4	2	2	10						
	6	46	12	20	10						
<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>\$420</b>	<b>\$720</b>	<b>\$400</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,380</b>					
<b>\$5,200</b>	<b>\$2,940</b>	<b>\$23,400</b>	<b>\$6,600</b>	<b>\$4,340</b>	<b>\$4,375</b>	<b>\$1,785</b>	<b>\$154,040</b>				
\$520	\$294	\$2,340	\$660	\$434	\$438	\$179	\$5,568				

Engineer	Engineer	Landscape	Engineer	Engineer	Engineer	Engineer	Engineer	Landscape	Totals
Whitson	Whitson	Fehr	Streeter	Streeter	Streeter	Streeter	Streeter	Streeter	
Whitson	Whitson	Engineer	Engr Tech	Engr Tech	Engr Tech	Engr Tech	CAD		
\$200	\$200			\$200					
<b>\$200</b>	<b>\$200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000</b>

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