

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

TASKS	Mechanical Engineering/Team Management				Engineer	Engineer	Engineer
	LEC	LEC	LEC	LEC	Whitson	Whitson	Whitson
	Principal	Project Mgr	Dsgr/CAD	Admin	Principal	Land Sur	Assoc Sur
rate:	\$175.00	\$150.00	\$100.00	\$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>\$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>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>\$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>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>\$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>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>\$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>0</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
<b>Expenses</b>							
geotechnical report							
Photography							
Misc. Fax/Copy/Messenger/Tele/Supplies				\$200			\$200
Reproduction							
<b>TOTAL REIMBURSABLE EXPENSES</b>				<b>\$200</b>	<b>\$0</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)				
<b>TOTAL REIMBURSABLE EXPENSES</b>			<b>\$0</b>	<b>\$0</b>
<b>SUBTOTAL PROFESSIONAL FEES AND EXPENSES</b>				
Subtotal Optional Services			<b>\$0</b>	<b>\$0</b>
<b>GRAND TOTAL</b>				<b>\$0</b>

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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				
		2					
	24	2					
	6						
20	10	0	1				
<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>
		2			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		4			
		4			1	1	

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	8	4	4	8	4	4		
	4			2				
0	39	16	14	11	7			
\$0	\$11,880	\$4,600	\$1,680	\$2,500	\$1,050	\$47,995		
	34	36	8	8				
	2	2						
	14	4	2	2				
	2	4						
	4	8						
	4	4						
	6		2	2				
0	66	46	12	20	10			
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
0	0	0	0	0	0			
\$0	\$420	\$400	\$0	\$0	\$0	\$2,380		
0	4	4	0	0	0			
\$5,200	\$2,940	\$23,400	\$4,340	\$4,375	\$1,785	\$154,040		
\$520	\$294	\$2,340	\$660	\$438	\$179	\$5,568		

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

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