

**Attachment 6: Budget**  
**STPUD Well Destruction Program**

**Budget Narrative**

**Task 1 – PROJECT ADMINISTRATION**

This budget category consists of time spent on the project by the Engineering Project Manager, Grants Coordinator, and Grant Program Assistant. The Engineering Project Manager and Grants Coordinator will provide technical and administrative services as needed for Agreement completion, prepare and review all financial and progress reports and work performed, and assist with the coordination of budgeting and scheduling to assure that the Agreement is completed within budget, on schedule, and in accordance with approved procedures, applicable laws, and regulations. The Grants Coordinator and Grant Program Asst. will also be responsible for tracking project costs, preparing reimbursement requests and financial reports, and fulfilling reporting requirements. Budgeted time to complete above duties is 1 hr. /quarter for 7 quarters @ \$79.25/hr. for the Engineering Project Manager, 4 hrs. /quarter for 7 quarters @ \$58.72/hr. for the Grants Coordinator, and 5 hrs. /quarter for 7 quarters @ \$44.93/hr. for the Grant Program Asst. It is also anticipated that the Engineering Project Manager will spend approximately 30 hours preparing the draft and final project reports; the Grants Coordinator will spend approximately 16 hours and the Grant Program Asst. approximately 8 hours on the draft and final project reports.

**Task 2 - PLANNING**

This budget category consists of the time spent on performing a facilities evaluation, environmental compliance and permitting for the project, and the development of project plans and specifications. The Engineering Project Manager will spend approximately 20 hours @ \$79.25/hr. performing a site inspection and reviewing available site information including engineering reports, drawings and utility grids to identify all ancillary well facilities requiring demolition, removal and disposal. He will spend approximately 4 hours on the permitting process to identify all regulatory requirements, including permits, certifications, and CEQA filing, needed to perform the work. Plans and Specifications will be developed by the Engineering Project Manager, with the assistance of the Assistant General Manager (AGM) and Principal Engineer. They will develop the engineering plans and technical specifications required for this work, as well as prepare an accompanying estimate of probable costs. Budgeted time to complete the plans and specs is 4 hrs. @ \$107.76/hr. for the AGM, 10 hrs. @ \$87.34/hr. for the Principal, and 50 hours @ \$79.25/hr. for the Engineering Project Manager. The Contract Administrator will spend approximately 20 hrs. @ \$46.55/hr. assisting with the preparation of the construction bid documents.

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### **Task 3 – BIDDING & CONTRACTING**

This budget category consists of the costs for the bidding and awarding of the project to a contractor. The District will convene a mandatory Pre-Bid Conference for all Contractors interested in preparing bids for this project. The pre-Bid Conference will be used to provide specific project information, explain any unusual aspects of the project and address any potential bidder questions. It is estimated that the Engineering Project Manager and the Contract Administrator will each spend 8 hours @ \$79.25/hr. and \$46.55/hr. preparing for the Pre-Bid Conference, with the Principal Engineering assisting for approximately 4 hours @ \$87.34/hr.

The District will prepare responses to specific bidder questions during the Construction Bid (Requests for Information.) Any changes to the engineering drawings and technical specifications resulting from bidder questions will be incorporated into the Contract Documents by addendum. Budgeted time to complete these tasks is 20 hrs. @ \$79.25/hr. for the Engineering Project Manager, 2 hrs. @ \$107.76/hr. for the AGM, 4 hrs. @ \$87.34/hr. for the Principal, and 10 hrs. @ \$46.55/hr. for the Contract Administrator.

The Engineering Project Manager and the Contract Administrator will review the submitted Bids for completeness and conformance with the Contract requirements. Following evaluation, they will make a determination of the lowest responsive bidder and bid award for approval by the District Board. Time estimated for this subtask is 8 hrs. for the Engineering Project Manager and 12 hrs. for the Contract Administrator. The AGM will require 2 hrs. to review all evaluations and determinations. Following Bid Award, District staff will complete all administrative requirements to execute the contract, including preparation of Notice of Award, verifying evidence of required insurance and bonds; and issuance of Notice to Proceed. This will require approximately 4 hrs. from the AGM, 4 hrs. from the Engineering Project Manager, and 20 hrs. from the Contract Administrator.

### **Task 4 – WELL DESTRUCTION**

The well destruction component of the project will require hiring a qualified C-57 Water Well Drilling Contractor. Estimated contractor construction costs for the well destruction are \$55,836 for Al Tahoe Well No 1, \$33,066 for Country Club Well, and \$30,363 for Industrial Well No 2. These estimates are based on contractor's time and materials for the following tasks: contractor mobilization and demobilization, set up of BMP's as identified for each site, demolition and removal of ancillary well facilities, well inspection, well cleaning, casing removal/perforation, well grouting, and site restoration and cleanup.

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The Engineer Manager anticipates spending approximately 10 hrs. @ \$79.25/hr. at each site, for a total of 30 hrs, communicating and coordinating with contractors, and providing technical assistance as needed. The Principal Engineer will also be involved in the above tasks for approximately 4 hrs. @ \$87.34/hr. at each site, for a total of 12 hrs. Permitting fees have also been included in this budget line item to demonstrate the cost for each well.

**Task 5 – WELL DESTRUCTION OVERSIGHT/PROJECT MONITORING**

Construction progress status meetings will be held weekly to monitor construction progress and for project review with the Engineering Project Manager. The GIS Specialist will attend to obtain the necessary information to update applicable maps and grids for 14 hrs. @ \$61.05/hr., and the Contract Administrator will be available to discuss any contract issues or process change orders for 10 hrs. @ \$46.55/hr. The AGM and Principal Engineer will provide technical oversight of the work and staff support for a total of 6 hrs. @ \$107.76/hr. and 12 hrs. @ \$87.34/hr. respectively. The Engineering Project Manager will spend approximately 14 hrs. @ \$79.25/hr. attending these meetings.

A District Construction Inspector will be assigned as each well site is destroyed to monitor and document the work and ensure that all work is performed in accordance with the contract documents. The Inspector will be on-site daily to monitor progress. It is estimated that the Inspector will spend approximately 30 hrs. @ \$57.43/hr. on each well destruction project for a total of 90 hrs. The Engineering Project Manager will spend approximately 14 hrs. @ \$79.25/hr. on the discussion and review of construction progress with the Inspector and the preparation of the Well Completion Report.

The Inspector will also provide construction updates in the progress status meetings for each well site. Budgeted time for the Inspector on this subtask is 20 hrs. @ \$57.43/hr.

**Attachment 6**  
**Table 3 - Project Budget**  
**STPUD Well Destruction Program**

	<b>Budget Category</b>	<b>Non-State Share* (Funding Match)</b>	<b>Requested Grant Funding</b>	<b>Total</b>	<b>% of Total Project Costs</b>
Task 1	Project Administration	0	\$ 7,447.92	\$ 7,447.92	4.73%
Task 2	Planning	\$ 8,099.94	\$ -	\$ 8,099.94	5.14%
Task 3	Bidding and Contracting	\$ -	\$ 7,058.30	\$ 7,058.30	4.48%
Task 4	Well Destruction	\$ -	\$ 123,299.58	\$ 123,299.58	78.28%
Task 5	Construction Management	\$ -	\$ 11,601.09	\$ 11,601.09	7.37%
...	<b>Grand Total</b>	<b>\$ 8,099.94</b>	<b>\$ 149,406.89</b>	<b>\$ 157,506.83</b>	

\* Consists of local, federal, and value of in-kind service.

Attachment 6  
 Detailed Project Budget  
 STPUD Well Destruction Program

TASK	DESCRIPTION	PERSONNEL SERVICES							Total Hours	EXPENSES			CONTRACTOR			TOTALS			
		Asst General Manager	Principal Engineer	Engineering Project Manager	GIS Specialist	Inspector	Contract Administrator	Grants Coordinator		Grant Program Asst	Travel - Mileage	Permitting Fees	C-57 Well Driller	Personnel Services	Expenses	Contractor	TOTAL COSTS		
	Personnel																		
	Salary/Benefits	\$ 107,76	\$ 87,34	\$ 79,25	\$ 61,05	\$ 57,43	\$ 46,55	\$ 58,72	\$ 44,93		\$0,555								
<b>1.0</b>	<b>PROJECT ADMINISTRATION</b>																		
1.A	Quarterly Invoicing and Reporting			7		28		35											
1.B	Draft Project Report			22		8		4											
1.C	Final Project Report			8		8		4											
	<b>SUBTOTAL - TASK 1</b>	0	0	37	0	0	0	44	43	124	0	0	0	0	0	0	0	0	
<b>2.0</b>	<b>PLANNING</b>																		
2.A	Facilities Evaluation			20															
2.B	Environmental Compliance/Permitting			4															
2.C	Plans, Specifications, & Estimate of Probable Costs	4	10	50	20					84	0	0	0	0	0	0	0	0	
	<b>SUBTOTAL - TASK 2</b>	4	10	74	0	0	20	0	0	108	0	0	0	0	0	0	0	0	
<b>3.0</b>	<b>BIDDING &amp; CONTRACTING</b>																		
3.A	Pre-Bid Conference			4		8													
3.B	Requests for Information			4		10													
3.C	Bid Evaluation			2		12													
3.D	Bid Award/Contracting			4		20													
	<b>SUBTOTAL - TASK 3</b>	8	8	40	0	0	50	0	0	106	0	0	0	0	0	0	0	0	
<b>4.0</b>	<b>WELL DESTRUCTION</b>																		
	AI Tabore Well No. 1			4	10														
	Country Club Well			4	10														
	Industrial Well No. 2			4	10														
	<b>SUBTOTAL - TASK 4</b>	0	12	30	0	0	0	0	0	42	0	0	0	0	0	0	0	0	
<b>5.0</b>	<b>WELL DESTRUCTION OVERSIGHT/PROJECT MONITORING</b>																		
	Project Status Meetings			6	12	14	14	20	10										
	On-Site Inspections			14		14		90											
	<b>SUBTOTAL - TASK 5</b>	6	12	28	14	110	10	0	0	180	90	0	0	0	0	0	0	0	
	<b>TOTAL HOURS &amp; COSTS</b>	18	42	209	14	110	80	44	43	560	90	\$ 609.00	\$	119,265.00	\$	37,582.88	\$ 658.95	\$ 119,265.00	\$ 157,506.83