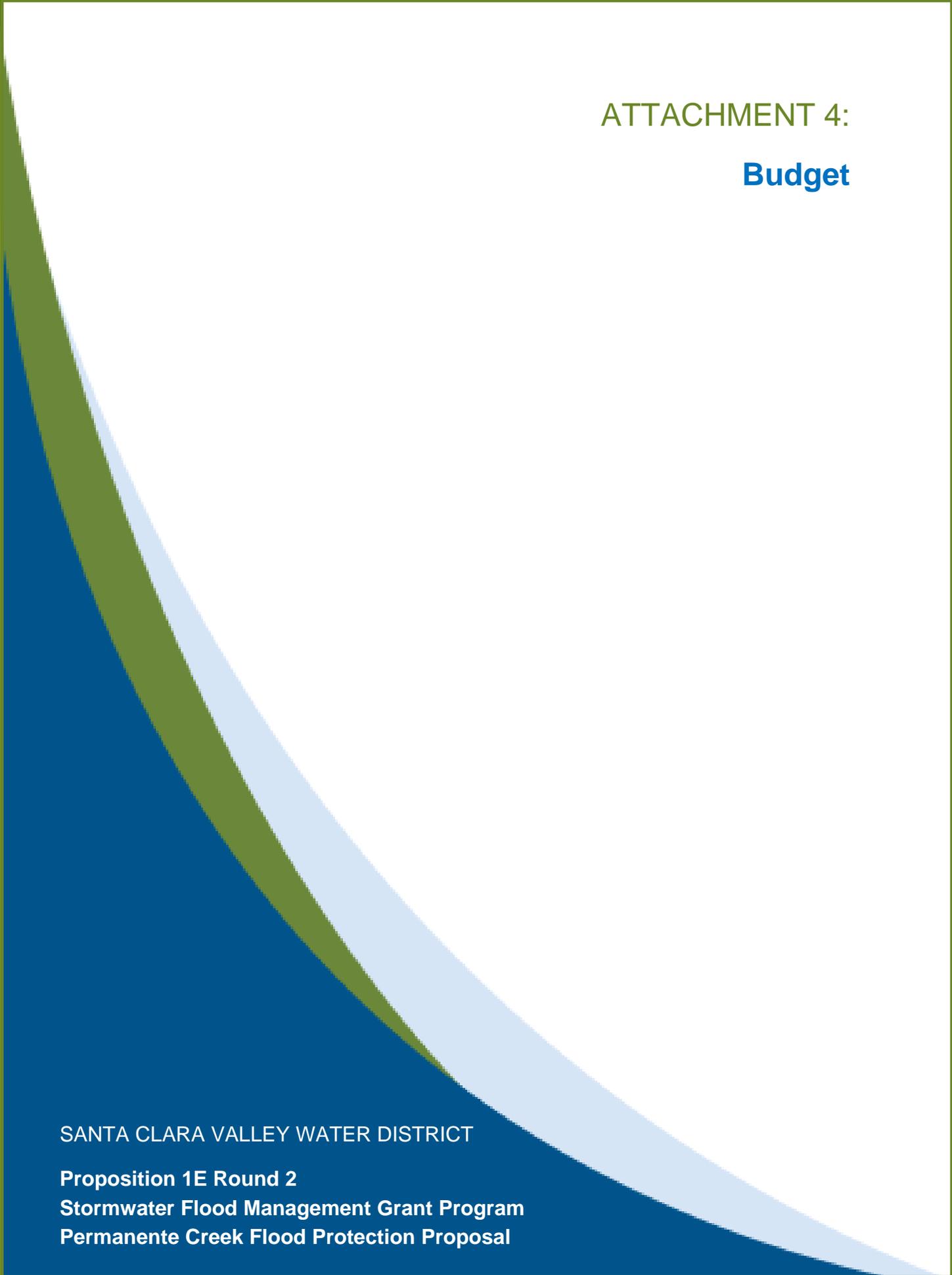


ATTACHMENT 4:

Budget



SANTA CLARA VALLEY WATER DISTRICT
Proposition 1E Round 2
Stormwater Flood Management Grant Program
Permanente Creek Flood Protection Proposal

In accordance with PSP requirements, **Attachment 4** consists of the following items:

- ✓ A detailed estimate of costs (**PSP Table 5**), including land costs, planning and design costs, environmental compliance and documentation costs, construction costs and contingencies.
- ✓ **Appendix 4-1**, which contains supporting budget documentation and District financial summaries used in determining the total Project cost.

Summary Budget

This attachment presents detailed budget information and supporting documentation for the Permanente Creek Flood Protection Project grant proposal. The project proposal offers tremendous investment value to the State for a number of reasons including:

- The proposal provides over 50% percent of funding from non-State sources, demonstrating there is a strong commitment to the implementation of this project.
- 100 percent of the grant funding request will be used directly for construction or construction-related activities.
- The District has a demonstrated track record for the completion of capital improvement projects throughout its service area with more than 80 projects completed in the past decade.

Table 4-1 provides a summary budget for the Project. As noted in this table, the total Project budget is estimated at **\$55,642,426**. To date, just over \$10 million of this amount has been expended, largely on planning and environmental documentation. Of the total project budget amount, **\$27,842,426** is Non-State funding and **\$27,800,000** is being requested as part of the Proposition 1E Round 2 Grant Program. No other State funding has been obtained. The funding match for this proposal is **50%**, which meets the 50% grant match requirements. **Appendix 4-1** includes the supporting documentation used in developing the Project budget estimate, including previous expenditures and near term budget projections. **Tables 4-2 and 4-3** provide a more detailed breakdown of the budget.

Table 4- 1. Summary Budget

Table 6 – Summary Budget						
Proposal Title: Santa Clara Valley Water District Permanente Creek Flood Protection Project						
	Individual Project Title	Requested Grant Amount	Cost Share: Non-State Fund Source* (Funding Match)	Cost Share: Other State Fund Source*	Total Cost	% Funding Match (col. b/col. d)
(a)	Permanente Creek Flood Protection Project	\$ 27,800,000	\$ 27,842,426	-	\$ 55,642,426	50%
(b)	Project B					
(c)	Project C					
(d)	Project D					
(e)	Project E					
(f)	Project F					
(g)	Project G					
(h)	Project H (add more rows for additional projects as necessary)					
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$ 27,800,000	\$ 27,842,426	-	\$ 55,642,426	50%

Table 4- 2. Project Budget

Table 5 – Project Budget				
Proposal Title: Santa Clara Valley Water District Permanente Creek Grant Proposal				
Project Title: Permanente Creek Flood Protection Project				
	(a)	(b)	(c)	(d)
Category	Requested Grant Amount	Cost Share: Non-State Fund Source* (Funding Match)	Cost Share: Other State Fund Source*	Total Cost
(a) Direct Project Administration Costs	\$ -	\$ 2,649,639	\$ -	\$ 2,649,639
(b) Land Purchase/Easement	\$ -	\$ 1,194,766	\$ -	\$ 1,194,766
(c) Planning/Design/Engineering/ Environmental Documentation	\$ -	\$ 15,003,073	\$ -	\$ 15,003,073
(d) Construction/Implementation	\$ 27,800,000	\$ 2,736,613	\$ -	\$ 30,536,613
(e) Environmental Compliance/ Mitigation/Enhancement	\$ -	\$ 213,200	\$ -	\$ 213,200
(f) Construction Administration	\$ -	\$ 2,991,474	\$ -	\$ 2,991,474
(g) Other Costs	\$ -	\$ -	\$ -	\$ -
(h) Construction/Implementation Contingency	\$ -	\$ 3,053,661	\$ -	\$ 3,053,661
(i) Grand Total (Sum rows (a) through (h) for each column)	\$ 27,800,000	\$ 27,842,426	\$ -	\$ 55,642,426
<p>*List sources of funding: <i>Use as much space as required</i> Santa Clara Valley Water District Watershed and Clean and Safe Creeks Funds</p>				

Table 4- 3. Cost Breakdown by Work Plan Task and Subtask

Row/Task	Category	Total
Row (a)	Direct Project Administration Costs	
<i>Task 1</i>	<i>Project Administration, Labor Compliance, and Reporting</i>	\$2,455,158
Row (b)	Land Purchase Easement	
<i>Task 2</i>	<i>Land Acquisition and Easements</i>	\$1,194,766
Row (c)	Planning/Design/Engineering/Environmental Documentation	
<i>Task 3</i>	<i>Assessment and Evaluation</i>	\$2,455,158
<i>Task 4</i>	<i>Final Design</i>	\$10,752,844
<i>Table 5</i>	<i>Environmental Documentation</i>	\$1,335,189
<i>Task 6</i>	<i>Permitting</i>	\$459,882
Row (d)	Construction	
<i>Task 7</i>	<i>Construction Contracting</i>	\$1,454,124
<i>Task 8</i>	<i>Construction</i>	\$29,082,448
Row (e)	Environmental Compliance/Mitigation/Enhancement	
<i>Task 9</i>	<i>Environmental Compliance/Mitigation/Enhancement</i>	\$213,200
Row (f)	Construction Administration	
<i>Task 10</i>	<i>Construction Administration and Public Outreach</i>	\$2,991,474
Row (h)	Construction Contingency	
<i>Task 11</i>	<i>Construction Contingency</i>	\$3,053,661
Row (i)	Grand Total	\$55,642,426

Appendix 4-1 includes a detailed estimate of future District labor and expenses for the Permanente Project, a summary of previous District expenditures, and recent invoices for consulting contracts showing contract limits and expenditures, which served as the basis for this estimate.

Row (a) Direct Project Administration Costs

Task 1 – Project Administration, Labor Compliance Program, and Reporting:

Administration Costs of \$2,649,639 were determined based on current contract estimates, previous project experience with similar construction projects. These costs account for all current project administrative activities and reporting tasks. This also includes Labor Compliance Program (LCP) costs of \$500. This represents five hours of a management analyst (at \$125/hr) to register for the California Department of Industrial Labor Relations' Compliance Monitoring Unit fee-based monitoring. Estimated staff time for this line item in the upcoming fiscal year is provided in **Appendix 4-1**.

Row (b) Land Purchase/Easement

Task 2 – Land Acquisition and Easements

The District is in negotiation with the City of Mountain View and the County of Santa Clara for the flood detention parcels and expects to have developed agreements by June 2013. These would be no cost agreements, and funds expended would be associated with District staff time. Other easements and ROWs are being negotiated as needed with specific private land owners affected by the Project. Several of the easements have been acquired and the District expects to finalize all additional land acquisition and easement documentation prior to September 2013. Costs associated with land purchases, easements, and ROW agreements include staff costs for mapping, acquisition costs, and relocation costs, which total \$1,194,766. This amount includes \$767,434 expended between January 1, 2009 and December 2012. Future costs have been estimated based on staffing needs to negotiate no-cost easements and ROWs, as well as ROW mapping.

Row (c) Planning/Design/Engineering/Environmental Documentation

To date, \$11,245,865 has been spent on this item, primarily in planning and environmental documentation. Supporting documentation for this value, including past District expenditures and consultant invoices, is provided in **Appendix 4-1**. The ICF/Jones and Stokes invoice provided in **Appendix 4-1** includes expenditures prior to 2008, which have not been included in this grant application as match. The remaining \$3,757,208 is a project future cost to be used as match and will largely be used to complete detailed design of the Project elements. Future expenditures have been estimated based on the District's experience with other, similar projects.

Task 3 – Assessment and Evaluation:

The planning work for this aspect of the Project is complete. To date, \$2,455,158 has been spent on this task and will be used as match.

Task 4 – Final Design:

Design of the Project elements is currently underway, and of the \$10,027,119 spent and projected for this task, \$725,725 is projected to be needed to complete final detailed design. This total amount will be used as match.

Task 5 – Environmental Documentation:

The District's Board has certified the SEIR for the Project in November 2012. No further work or funds are anticipated for this task. To date, \$1,335,189 has been spent on this task and will be used as match.

Task 6 – Permitting:

Any permits identified through the CEQA process will be obtained. Costs of \$459,882 were obtained based on previous project experience with similar projects; this includes expenditures of \$343,882 incurred between January 1, 2009 and December 31, 2012.

Table 4- 4. Row (c) Planning/Design/Engineering/Environmental Documentation Costs

Tasks 5-8	Total
Task 5. Assessment and Evaluation	\$2,455,158
Task 6. Final Design	\$10,752,844
Task 7.Environmental Documentation	\$1,335,189*
Task 8. Permitting	\$459,882
Total	\$15,003,073

Note:

*This value includes ICF/Jones and Stokes expenditures to date. The invoice provided in **Appendix 4-1** includes pre-2008 expenditures.

Row (d) Construction

Task 9 – Construction Contracting:

Task 9 includes \$1,454,124 of staff time required to secure a contractor and to award the contract, including: advertisement for bids, a pre-bid meeting, bid opening, bid evaluations, selection of contractor, board approval, award of contract, and notice to proceed. This estimate is based on previous project experience with similar construction projects.

Task 10 – Construction:

Task 10 includes \$29,082,448 for construction of the project elements. The individual elements of each are detailed in **Tables 4-5** through **4-10** below. Estimates were based on staffing needs and construction contracts from previous, similar construction projects executed by the District.

Table 4- 5. Rancho San Antonio Flood Detention Construction Costs

Item	Unit	Unit Cost	Amount	Item Cost
Clearing and Grubbing	Acre	\$ 5,500	20.0	\$ 110,000
Inlet at Bridge Structure	LS	\$1,000,000	1.0	\$1,000,000
Excavated Earth	Cubic Yards	\$ 20	163,000	\$3,260,000
Inlet Pipe to Pond	Feet	\$ 508	800	\$ 406,400
Outlet	Feet	\$ 89	300	\$ 26,700
New Well and Pipelines	LS	\$ 500,000	1	\$ 500,000
New Parking and Roadways	Square Yards	\$ 10.60	5000	\$ 53,000
Mobilization				\$ 589,171
Total				\$5,945,271

Table 4- 6. McKelvey Park Flood Detention Construction Costs

Item	Unit	Unit Cost	Amount	Item Cost
Clearing and Grubbing	Acre	\$ 5,500	5.0	\$ 27,500
Excavated Earth	Cubic Yards	\$ 20	97,000	\$ 1,940,000
Concrete Retaining Wall	Cubic Yards	\$ 935	2,600	\$ 2,431,000
Replacement Facilities	Square Feet	\$ 250	5000	\$ 1,250,000
Outlet	Feet	\$ 201	1,300	\$ 261,300
Field Restoration	Square Feet	\$ 10	174,000	\$1,740,000
Utility Relocation	LS	\$1,000,000	1	\$1,000,000
Park Features	LS	\$ 500,000	1	\$ 500,000
Asphalt Resurface	Square Yards	\$ 10.6	5,000	\$ 53,000
Mobilization				\$1,012,308
Total				\$10,215,108

Table 4- 7. Floodwalls Construction Costs

Item	Unit	Unit Cost	Amount	Item Cost
Floodwall Concrete	Cubic Yards	\$ 700	2,400	\$ 1,680,000
Mobilization				\$ 184,000
Total				\$ 1,864,000

Table 4- 8. Permanente Diversion Structure Construction Costs

Item	Unit	Unit Cost	Amount	Item Cost
Diversion Structure	Cubic Yards	\$ 850	500	\$ 425,000
48" Diameter RCP Pipe	Linear Feet	\$ 136	250	\$ 34,000
Export Soil	Cubic Yards	\$ 25	260	\$ 6,500
Shoring	Square Feet	\$ 20	5000	\$ 100,000
Mobilization				\$ 62,205
Total				\$ 627,705

Table 4- 9. Permanente and Hale Creek Improvements Construction Costs

Item	Unit	Unit Cost	Amount	Item Cost
<i>Hale Storm Drain</i>				
Box Culvert Concrete	Cubic Yards	\$ 850	800	\$ 680,000
Export Soil	Cubic Yards	\$ 25	2,000	\$ 50,000
Shoring	Square Feet	\$ 20	16,000	\$ 320,000
Asphalt Replacement	Square Yards	\$ 10.6	900	\$ 9,540
Traffic	Feet	\$ 100	800	\$ 80,000
Mobilization				\$ 125,349
<i>Permanente Creek Channel Widening</i>				
U-Frame Concrete Channel and McKelvey Division	Cubic Yards	\$ 850	2,500	\$ 2,125,000
Export Soil	Cubic Yards	\$ 25	3,300	\$ 82,500
Concrete Removal	Cubic Yards	\$ 50	2,200	\$ 110,000
Mobilization				\$ 254,925
<i>Concrete Channel Widening (Conf. to Marylin)</i>				
Mt. View Avenue Bridge	LS	\$500,000	1	\$ 500,000
Trapezoidal Concrete Channel	Cubic Yards	\$ 850	630	\$ 535,500
Concrete Removal	Cubic Yards	\$ 50	820	\$ 41,000
Mobilization				\$ 118,415
<i>Concrete Channel Widening (Marylin to Rosita)</i>				
Seventh Day Bridge	LS	\$100,000	1	\$100,000
North Sunshine Bridge	LS	\$500,000	1	\$500,000
Springer Bridge	LS	\$1,000,000	1	\$1,000,000
400 Springer Bridge	LS	\$100,000	1	\$100,000
Cuesta Bridge	LS	\$500,000	1	\$500,000
Arboleda Bridge	LS	\$500,000	1	\$500,000
Private Bridges	LS	\$100,000	4	\$400,000
Trapezoidal Concrete Channel	Cubic Yards	\$850	1,940	\$1,649,000
Export Soil	Cubic Yards	\$25	940	\$23,500
Concrete Removal	Cubic Yards	\$50	1,800	\$90,000
Mobilization				\$534,875
Total				\$10,429,604

Table 4- 10. Row (d) Construction Costs

Tasks 9-10	Rancho San Antonio	McKelvey Park	Permanente Diversion	Floodwalls and levees	Permanente and Hale Creek Improvements	Total
Task 9. Construction Contracting	\$297,264	\$510,755	\$93,240	\$31,385	\$521,480	\$1,454,124
Task 10. Construction	\$5,945,271	\$10,215,108	\$627,705	\$1,864,800	\$10,429,604	\$29,082,488
Total						\$30,536,613

Row (e) Environmental Compliance/Mitigation/Enhancement

Task 11 - Environmental Compliance/Mitigation/Enhancement:

While the final MMP has not yet been prepared, the typical types of mitigation measures that are likely to be required during Project construction activities (along with compliance monitoring) have been identified and a cost of \$213,200 has been estimated for mitigation at Rancho San Antonio County Park, based on similar past project experience.

Row (f) Construction Administration

Task 12- Construction Administration and Public Outreach:

Construction administration costs of \$2,991,474 were determined based on costs for construction inspection and public outreach from previous experience with similar construction projects.

Row (g) Other Costs

No other costs have been included.

Row (h) Construction Contingency

The construction/implementation contingency percentage applied for the Permanente Creek Flood Protection Project is 10%, which represents \$3,053,661, which represents 10% of the total anticipated construction cost. This contingency was selected as appropriate given the planning level of the construction estimate and experience with similar projects. The contingency costs include funds to handle unknown and unspecified conditions encountered during construction or implementation of the project.

Row (i) Grand Total

The anticipated total Project cost is estimated at \$55,642,426.

APPENDIX 4-1: Supporting Budgetary Information

Expenditure By Task Summary Project No. 26244001 As of: 12/16/2012

Fiscal Year		2013	2012	2011	2010	2009
Task #	Task Description	\$Exp	\$Exp	\$Exp	\$Exp	\$Exp
0	ALL TASKS	\$3,169	\$15,885	\$0	\$0	\$0
1207	Planning Proj Mgmt	\$7,676	\$0	\$1,031	\$1,199	\$0
1213	Problem Def	\$0	\$444	\$2,853	\$56,819	\$0
1214	Concept Alternatives	\$0	\$0	\$0	\$2,178	\$0
1216	Feasible Alternatives	(\$58)	\$1,629	\$0	\$0	\$0
1227	Stakhldr Engage-Plng	\$1,522	\$1,056	\$0	\$0	\$0
1290	Planning Study	(\$18)	\$478	\$0	\$6,185	\$0
1299	Planning Closeout	\$0	\$0	\$4	\$0	\$0
1313	Environmental Review	\$204,995	\$112,406	\$67,434	\$38,786	\$0
1321	Environment Permit	\$3,876	\$2,726	\$0	\$0	\$0
		\$221,162	\$134,624	\$71,322	\$105,167	\$0
1407	Design Proj Mgmt	\$50,705	\$124,431	\$164,148	\$146,282	\$24,204
1410	Prelim Design	\$57,171	\$376,884	\$252,391	\$463,981	\$29,208
1427	Stakhldr Engage- Design	\$3,642	\$17,046	\$35,403	\$0	\$0
1430	30% Design	\$127,195	\$111,494	\$41	\$353,002	\$30,063
1460	60% Design	\$69,632	\$24,710	\$33,921	\$341,803	\$15,988
1490	90% Design	\$105,691	\$179,234	\$520,230	\$264,328	\$1,667
1493	Final Design	\$0	\$0	\$26,611	\$31,059	\$0
1495	Utility Agreements	\$0	\$10,324	\$584	\$2,000	\$0
1496	Other Permits Agmts	\$0	\$0	\$0	\$496	\$888
1510	ROW Mapping	\$536	\$8,670	\$11,961	\$96,348	\$96,016
1520	Real Estate	\$82,018	\$185,291	\$111,544	\$9,046	\$0
1531	ROW Acquis Relocatn	\$15,845	\$90,908	\$11,823	\$25,852	\$0
		\$512,435	\$1,128,992	\$1,168,657	\$1,734,197	\$198,034
1660	Const Contract	\$0	\$0	\$379,564	\$0	\$0
1692	As-Builts	\$0	\$0	\$0	\$25	\$0
		\$0	\$0	\$379,564	\$25	\$0
0	Subtotal By Fiscal Year	\$733,597	\$1,263,616	\$1,619,543	\$1,839,389	\$198,034

Payments by Check: ICF Jones & Stokes, Inc.
P.O. Box 7777 - W510501, Philadelphia, PA 19175-0501



Payments by EFT/ACH should be addressed to:
ICF Jones & Stokes, Inc., c/o ICF Consulting Group, Inc. Citizens
Bank of Pennsylvania, 1 Citizens Drive, Riverside, RI 02915
ABA No: 036076150 • Swift: CTZIUS33
Account Name: ICF Consulting Group, Inc.
Account No: 6203219502

80005 12/13/12 4:10:00

Dec 13, 2012
Project No: 03516.03
Invoice No: 0091109
Project Manager: Shilpa Trisal
FPA: Christina Ware

Santa Clara Valley Water District
ATTN: Accounts Payable
P.O. Box 20670
San Jose, CA, 95160-0670

RE: Permanente Creek Flood Protection Project
Agreement No. A2735A
Project No. 102401 4
Progress Bill No.: 100

To Whom It May Concern:

Attached is Invoice No. 0091109, in the amount of \$19,013.50 for professional services conducted between October 27, 2012 and November 23, 2012. This is the 100th invoice under our contract. With this invoice, we have billed approximately \$1,267,578.47 out of the currently authorized project budget of \$1,403,262.

The following attachments are provided:

- Monthly Progress Report (Attachment A)
- Monthly Status Report (Attachment B)
- Contract Budget and Retainage Summary Table (Attachment C)
- Invoice and backing material

If there are any questions concerning this invoice or the work performed, please contact me at 408/216-2812 or by email (strial@icfi.com).

Sincerely,

A handwritten signature in cursive script that reads 'Shilpa Trisal'.

Shilpa Trisal
Project Manager

Santa Clara Valley Water District
Fiscal 2012-2013 Adopted Detail Budget
Capital Project: 26244001 — Permanente Ck, Bay-Fthill CSC

Fund: 26 — Clean; Safe Creeks & Natural Flood Protection Fund

Project Manager: Hosseini, Saeid, West and Guadalupe Wtrshd Projects Unit I (331)

Oversight Manager: Richardson, Melanie, Watershed Capital Division (316)

Unit	Acct	Account Description	Budgetary Basis 2010-2011		Adopted 2011-2012		Adopted 2012-2013	
			Hours	Actual	Hours	Budget	Hours	Budget
Salaries and Benefits								
172	5111	Salaries-Regular Employees	72	\$ 3,579		\$		\$
242	5111	Salaries-Regular Employees	10	507				
243	5111	Salaries-Regular Employees	484	25,024				
252	5111	Salaries-Regular Employees	4	272				
253	5111	Salaries-Regular Employees	12	431				
296	5111	Salaries-Regular Employees	116	7,971				
326	5111	Salaries-Regular Employees	4,531	257,578				
335	5111	Salaries-Regular Employees	11	447				
351	5111	Salaries-Regular Employees	18	984				
366	5111	Salaries-Regular Employees	1,172	47,291				
367	5111	Salaries-Regular Employees	366	17,215				
369	5111	Salaries-Regular Employees	448	20,709				
385	5111	Salaries-Regular Employees	827	55,703				
326	5115	Salaries-Overtime	14	821				
		5115 Salaries-Overtime					64	8,412
755	5115	Salaries-Overtime	20	1,221				
351	5139	Salaries-Other Special Pays						1,800
172	5511	Direct Labor Charges			100	5,034	100	5,034
242	5511	Direct Labor Charges			215	11,094		
243	5511	Direct Labor Charges			595	32,257	501	26,745
252	5511	Direct Labor Charges			168	9,988	200	10,867
293	5511	Direct Labor Charges			35	1,476		
296	5511	Direct Labor Charges			20	1,385	20	1,385
326	5511	Direct Labor Charges			3,193	190,479		
331	5511	Direct Labor Charges					3,763	224,255
335	5511	Direct Labor Charges			300	13,610	265	12,253
351	5511	Direct Labor Charges			650	33,437	1,473	77,202
366	5511	Direct Labor Charges			700	31,290	355	12,042
367	5511	Direct Labor Charges			377	18,094	440	19,534
369	5511	Direct Labor Charges			650	33,792	460	22,730
376	5511	Direct Labor Charges					180	9,315
385	5511	Direct Labor Charges			410	28,393	320	21,060
725	5511	Direct Labor Charges			75	4,271		
172	5512	Direct Benefit Charges		3,038		3,770		4,186
242	5512	Direct Benefit Charges		333		9,073		
243	5512	Direct Benefit Charges		17,056		22,846		21,118
252	5512	Direct Benefit Charges		188		6,978		9,048
253	5512	Direct Benefit Charges		401				
		5512 Direct Benefit Charges				1,132		
755	5512	Direct Benefit Charges		5,194		843		922
326	5512	Direct Benefit Charges		188,954		136,340		

Santa Clara Valley Water District
 Fiscal 2012-2013 Adopted Detail Budget
Capital Project: 26244001 — Permanente Ck, Bay-Fthill CSC continued

Unit	Acct	Account Description	Budgetary Basis		Adopted		Adopted	
			2010-2011	Actual	2011-2012	Budget	2012-2013	Budget
			Hours		Hours		Hours	
331	5512	Direct Benefit Charges						181,135
335	5512	Direct Benefit Charges		304		10,798		10,755
351	5512	Direct Benefit Charges		802		24,664		62,001
366	5512	Direct Benefit Charges		37,500		22,954		11,521
367	5512	Direct Benefit Charges		13,107		13,156		16,143
369	5512	Direct Benefit Charges		15,140		23,456		17,527
376	5512	Direct Benefit Charges						8,143
385	5512	Direct Benefit Charges		40,803		18,790		16,387
725	5512	Direct Benefit Charges				3,036		
Total Salaries and Benefits			8,105	762,573	7,488	712,436	8,141	811,520
Direct Services and Supplies								
112	6141	Legal Services-General		29,546				
326	6163	Environmental Consulting Serv		267,455				
326	6166	Hazardous Materials Services		23,375		23,000		
331	6166	Hazardous Materials Services						23,000
331	6169	Other Technical Services						250,000
351	6169	Other Technical Services				5,000		25,000
326	6311	Utilities-Gas & Electric				500,000		
331	6311	Utilities-Gas & Electric						500,000
326	6411	Postage & Delivery Service				4,000		
331	6411	Postage & Delivery Service						4,000
326	6412	Printing & Binding Service		2,820		3,000		
331	6412	Printing & Binding Service						3,000
326	6415	Recruitment/Publication Advertising		1,101		5,000		
331	6415	Recruitment/Publication Advertising						5,000
243	6416	Temporary Staff & Labor Servcs		375				
326	6416	Temporary Staff & Labor Servcs		1,423				
331	6416	Temporary Staff & Labor Servcs						40,000
351	6416	Temporary Staff & Labor Servcs						40,000
369	6416	Temporary Staff & Labor Servcs		1,615				
385	6416	Temporary Staff & Labor Servcs		17,134				
326	6421	Lease & Rental-Land & Building		329				
326	6611	Office Supplies		59				
326	6639	Other Constr & Maint Supplies		741				
326	6752	Travel-Mileage Reimbursements		364				
385	6752	Travel-Mileage Reimbursements		24				
326	6755	Travel-Meals & Misc		60				
326	6781	Agreements-Cost Sharing		665,000				
326	6789	Agreements-Other				25,000		
331	6789	Agreements-Other						25,000
243	6792	District Licenses & Permits		52				
335	6899	Other Appropriations				(11,565,650)		(10,182,325)
Total Direct Services and Supplies			0	1,011,473	0	(11,000,650)	0	(9,267,325)
Intra District Services								
172	6511	Vehicle Charges-Assigned		17		21		
242	6511	Vehicle Charges-Assigned		6		124		
243	6511	Vehicle Charges-Assigned		511		570		835
252	6511	Vehicle Charges-Assigned		3		66		139

Santa Clara Valley Water District
 Fiscal 2012-2013 Adopted Detail Budget
Capital Project: 26244001 — Permanente Ck, Bay-Fthill CSC continued

Unit	Acct	Account Description	Budgetary Basis		Adopted 2011-2012		Adopted 2012-2013	
			Hours	Actual	Hours	Budget	Hours	Budget
253	6511	Vehicle Charges-Assigned		14				
293	6511	Vehicle Charges-Assigned				38		
296	6511	Vehicle Charges-Assigned		199		25		44
351	6511	Vehicle Charges-Assigned		51		1,423		6,745
367	6511	Vehicle Charges-Assigned		391		349		937
172	6512	Vehicle Charges-Pooled		16		19		
242	6512	Vehicle Charges-Pooled		2		33		
243	6512	Vehicle Charges-Pooled		80		76		
252	6512	Vehicle Charges-Pooled		1		27		
253	6512	Vehicle Charges-Pooled		2				
293	6512	Vehicle Charges-Pooled				4		
296	6512	Vehicle Charges-Pooled		21		2		
326	6512	Vehicle Charges-Pooled		1,128		606		
335	6512	Vehicle Charges-Pooled		2		58		
351	6512	Vehicle Charges-Pooled		1		25		
366	6512	Vehicle Charges-Pooled		255		131		
367	6512	Vehicle Charges-Pooled		51		47		
369	6512	Vehicle Charges-Pooled		101		138		
385	6512	Vehicle Charges-Pooled		207		82		
725	6512	Vehicle Charges-Pooled				15		
253	6515	Minor Equipment Charges		83				
293	6515	Minor Equipment Charges				345		
	6515	Minor Equipment Charges		86		7		77
367	6515	Minor Equipment Charges		112		156		
369	6515	Minor Equipment Charges				306		
172	6525	Risk Fund Charges		208		292		266
242	6525	Risk Fund Charges		29		694		
243	6525	Risk Fund Charges		1,451		1,609		1,339
252	6525	Risk Fund Charges		16		495		585
253	6525	Risk Fund Charges		25				
293	6525	Risk Fund Charges				77		
296	6525	Risk Fund Charges		462		56		55
326	6525	Risk Fund Charges		14,940		9,398		
331	6525	Risk Fund Charges						11,499
335	6525	Risk Fund Charges		26		769		682
351	6525	Risk Fund Charges		57		1,751		3,948
366	6525	Risk Fund Charges		2,743		1,501		720
367	6525	Risk Fund Charges		998		881		997
369	6525	Risk Fund Charges		1,201		1,793		1,099
376	6525	Risk Fund Charges						544
385	6525	Risk Fund Charges		3,231		1,361		936
725	6525	Risk Fund Charges				226		
172	6531	Indirect Overhead-Full Cost		2,613		4,017		4,430
242	6531	Indirect Overhead-Full Cost		370		8,853		
243	6531	Indirect Overhead-Full Cost		18,267		25,741		23,536
252	6531	Indirect Overhead-Full Cost		199		7,970		9,563
	6531	Indirect Overhead-Full Cost		314				
	6531	Indirect Overhead-Full Cost				1,178		
296	6531	Indirect Overhead-Full Cost		5,819		1,105		1,219

Santa Clara Valley Water District
 Fiscal 2012-2013 Adopted Detail Budget
Capital Project: 26244001 — Permanente Ck, Bay-Fthill CSC continued

Unit	Acct	Account Description	Budgetary - Basis		Adopted		Adopted	
			2010-2011	2011-2012	2011-2012	2012-2013		
			Hours	Actual	Hours	Budget	Hours	Budget
326	6531	Indirect Overhead-Full Cost		188,032		152,002		
331	6531	Indirect Overhead-Full Cost					197,345	
335	6531	Indirect Overhead-Full Cost		326		10,861		10,783
351	6531	Indirect Overhead-Full Cost		718		26,683		67,938
366	6531	Indirect Overhead-Full Cost		34,523		24,970		10,597
367	6531	Indirect Overhead-Full Cost		12,567		14,439		17,190
369	6531	Indirect Overhead-Full Cost		15,118		26,966		20,003
376	6531	Indirect Overhead-Full Cost						8,197
385	6531	Indirect Overhead-Full Cost		40,663		22,658		18,533
725	6531	Indirect Overhead-Full Cost				3,408		
172	6541	Computer Equip Charges-Assignd		200		375		186
242	6541	Computer Equip Charges-Assignd		22		773		
243	6541	Computer Equip Charges-Assignd		1,005		2,132		953
252	6541	Computer Equip Charges-Assignd		13		580		369
253	6541	Computer Equip Charges-Assignd		15				
293	6541	Computer Equip Charges-Assignd				121		
296	6541	Computer Equip Charges-Assignd		475		71		38
326	6541	Computer Equip Charges-Assignd		9,448		11,278		
331	6541	Computer Equip Charges-Assignd						6,990
335	6541	Computer Equip Charges-Assignd		19		1,088		494
351	6541	Computer Equip Charges-Assignd		53		2,249		2,727
366	6541	Computer Equip Charges-Assignd		4,270		2,442		662
367	6541	Computer Equip Charges-Assignd		962		1,307		814
369	6541	Computer Equip Charges-Assignd		944		2,562		848
376	6541	Computer Equip Charges-Assignd						335
385	6541	Computer Equip Charges-Assignd		1,783		1,517		608
725	6541	Computer Equip Charges-Assignd				272		
Total Intra District Services			0	367,465	0	383,214	0	435,805
Land, Structure, Improvements								
326	7013	6612-Appraisals		24,000		20,000		
331	7013	6612-Appraisals						20,000
326	7031	Struc & Imprv-Contract Constr				10,800,000		
331	7031	Struc & Imprv-Contract Constr						8,000,000
Total Land, Structure, Improvements			0	24,000	0	10,820,000	0	8,020,000
TOTAL			8,105	\$ 2,165,511	7,488	\$ 915,000	8,141	\$ 0

Work Plan

PROJECT GOALS

The project goal is to provide flood protection to 1,664 parcels (1,378 homes, 160 businesses and 4 schools/institutions) downstream of El Camino Real from a 100-year flood (saving potential damages in excess of \$47.9 million).

RESOURCE REQUEST FORM - FY 13-14 CYCLE

REQUEST BY: Afshin Rouhani (x 2616)

PROJECT: Permanente Creek, Clean Safe Creeks

PROJECT NUMBER: 26244001

Project Phase in budget FY (Time frames of project):

Design and construction

Project Scope (From Work Plan):

In-house design: preparation of 90% and Final Plans & Specifications and bid documents for Hale Creek; construction management and support for Permanente Creek channel improvements
Design consultant services: 60%, 90% and final PS&E for McKelvey and Rancho San Antonio flood detention basins as well as associated, ROW acquisition, Regulatory Permit.

ASSUMPTIONS:

Average Labor Rate (\$/hr): \$145.00

Construction Costs: Not Known

*Percentage of staff time is based on the following max. allocatable hours:

UNIT	UNIT MGR	STAFF	Q1	Q2	Q3	Q4	TOTAL HOURS REQUESTED	1st Pass	2nd Pass	3rd Pass	Need	Notes & Assumptions <i>Please explain what work or deliverables will be completed using these requested hours</i>
172	Magill, Maia	Morales, Ednardo	25	25	25	25	100	0	0	0	100	Support design workshop meetings, website updates, update mailers
243	Castillo, Jennifer						990	900	800		90	Permits, Mitigation Monitoring Plan, CEQA compliance
		Lueneburger, Kurt	300	300	100	100	800	800				Rancho detention basin design
		Spathr, Linda	50	50	25	25	150	100				QC review and CEQA issue resolution as needed
		Castillo, Jennifer	10	10	10	10	40	0	0			
252	Narsim, Roger						190	190				
		Jassal, Navroop	50	50	25	25	150	150				Rancho detention basin design
		Narsim Roger	10	10	10	10	40	40				Q/C review of the Final P&S - Q/C review of 60%, 90% detention basin PS&E
253	Fredrickson, Carol		25	25	25	25	100	100				Q/C review of the Final P&S - Q/C review of 60%, 90% detention basin PS&E
		Thompson, Nick					35	35				
		Trevino, Brian					35	35				
		Vitale, Joshual					30	30				
296	Xu, Liang		50	25	25	25	125	0	0		125	Q/C review of the Final design hydraulics - review of the design consultant hydraulics
331	Saeid Hosseini						4,500	4,281			219	
		Szabo, Theresa	150	150	150	150	600	600				Project Administration services/Project coordination support / Project financials
		Hosseini, Saeid	100	100	100	100	400	344				Project oversight
		Lau, Gordon	300	300	300	300	1,200	1,200				Project management, detail design, utilities coordination, prepare bid documents for in-house design, construction support.
		Valin, Gabriel	150	150	150	150	600	500				Support PM with Final PS&E, final hydraulics, construction support
335	Redmond, Beth	Rouhani, Afshin	425	425	425	425	1,700	1,637				Design Consultant management, city coordination, PE coordination, final hydraulics
		Cooper, Anne	50	50	50	50	200	200				Support bid process
351	Bramer, Tim						3,540	2,125			1,415	
		Campbell, Bruce	50	50	50	50	200	175			25	Q/C review of the Final P&S - Q/C review of 60%, 90% PS&E, Support bid Process
		Hernandez	25	25	25	25	100	20			80	Construction Management services; review RFI's, submittals, coordination with Design Consultant
		Alao, Scott	400	400	400	400	1,600	1,200			400	Construction inspection services
		Imamura, Scott	400	400	400	400	1,600	600			1,000	Construction inspection services
		Bramer, Tim (OT)	10	10	10	10	40	130			-90	Q/C, Issue resolution
366	Suto, Michael		300	300	100	100	800	800				Prepare Final P&S - Q/C review of 90% PS&E
		Ford, Jennifer						15				
		Karoglou, Stella						63				

UNIT	UNIT MGR	STAFF	Q1	Q2	Q3	Q4	TOTAL HOURS REQUESTED	1st Pass	2nd Pass	Unmet Need	Notes & Assumptions Please explain what work or deliverables will be completed using these requested hours
		Key, Patrick						143			
		Nguyen, Phu						221			
		Suto, Michael						14			
		Vacant						344			

UNIT	UNIT MGR	STAFF	Q1	Q2	Q3	Q4	TOTAL HOURS REQUESTED	1st Pass	2nd Pass	Unmet Need	Notes & Assumptions Please explain what work or deliverables will be completed using these requested hours
367	Christie, Jason		100	100	100	100	400	400			Design surveying, construction surveying support
		Blackard, Wade						100			
		Cooper, Robert						100			
		Jobst, Gisela						100			
		Soria, Octavio						100			
369	Forsythe, Deanna		200	200	200	200	800	791		9	TCE Easement acquisition (8 parcels)
		Forsythe, Deanna						40			
		Grimaldo, Bradie						40			
		Imamura, Bradley						40			
		Magleby, William						340			
		Turner, Sue						331			
385	Anjee, Emmanuel						700	700			
		TBD - Design engineer	100	100	25	25	250	350			Final P&S structural design - Q/C review of 60%, 90% PS&E
		Neuman, Karl	100	100	25	25	250	250			geotechnical update for Hale extension, design QC
		Tsou, Eric	50	50	50	50	200	100			Q/C of the structural design
		Totals	3,430	3,405	2,805	2,805	12,445				
** % of staff time is optional											
Total Hours							12,445	10,487		1,958	
Total Overtime Hours								130		130	
Total Labor Costs (Total hours + OT) * Avg Labor Rate Assumption											
Construction Contract:											
Consultants:											
Services & Supplies (Please describe the services and supplies in the notes section)											
Total Services & Supplies							\$8,584,000	\$19,015,000			
							\$3,000	\$3,000			6412 - \$3K printing & binding of P&S for 6 deliverables
							\$4,000	\$4,000			6411 - \$4K, mail out project information to design stakeholders
							\$20,000	\$20,000			6166 - \$20K, HSLA for 2 detention basins
							\$300,000	\$300,000			6311 - \$300k, Utility Relocation Agreement
							\$20,000	\$20,000			7013 - \$20K, Appraisal of TCE & ROW
							\$8,000,000	\$18,000,000			7031 - \$8M, Construction Contract
							\$5,000	\$5,000			6415 - \$5K Public Meeting Coordination
							\$25,000	\$25,000			6789 - \$25K Resource Agencies Staffing Support
							\$100,000	\$100,000			6123 - \$100K Geotech consulting work
							\$50,000	\$50,000			6121 - \$50K Traffic control consultant
							\$60,000	\$60,000			6169 - \$60K services and supplies (materials testing) for unit 351
								\$28,000			Unit 335 - 6416 - Temp Staff & Labor
								\$180,000			Unit 351 - 6165 Inspection Services
								\$40,000			Unit 351 - 6169 Other Tech Services
								\$180,000			Unit 351 - 6416 Temp Staff & Labor
Total Planned Budget Request; (Labor Hours, OT, Contracts, Consultants, and							\$10,416,800				
Total Planned Expenditures per CIP							\$19,073,000				
Variance							-\$8,656,200	-\$19,073,000	-\$19,073,000		Approved Project Plan dated 4/30/12



INVOICE

Santa Clara Valley Water District
 Attention: Accounts Payable
 P.O. Box 20670
 SAN JOSE, CA 95160-0670

Agreement #: A3345-A
 Invoice No.: 258229-33
 Amount of Invoice: \$5,801.38
 Amount of Retention: \$580.14
 AMOUNT DUE: \$5,221.24
 Charge Number: 2010-12-316-6121-10244001-1493
 Approved: Sacchi Date: 12/18/12

Invoice Date: December 12, 2012
 Invoice No.: 258229-33
 Contract No.: A3345A
 Project No.: 258229
 Period Covered: 10/27/12 - 11/30/12

Contract Name: Permanente Creek CSC

The enclosed Project Invoice covers labor costs for the period October 27, 2012- November 30, 2012.
 Other direct costs are those accumulated during this invoice period.

INVOICE SUMMARY

INVOICE SUMMARY	
Amount of Progress Invoice No. 33	\$ 5,801.38
10% Retention Amount of Invoice No. 33	\$ (580.14)
Amount Due This Invoice No. 33	\$ 5,221.24
Amount of Previous Invoices	\$ 1,909,487.63
Total Invoiced to Date	\$ 1,915,289.01
PAYMENT SUMMARY	
Payments Received as of December 12, 2012	\$ 1,705,248.64
Payments Pending as of December 12, 2012	\$ 204,238.99
Payments due including this invoice	\$ 209,460.23
BUDGET SUMMARY	
Original Agreement 2/9/10	\$ 4,351,206.00
Optional Services	\$ 380,000.00
Changes approved:	
Task Order No. 1 -1/4/11	\$ 3,800.00
Task Order No. 2 -5/9/11	\$ 47,302.00
Task Order No. 3 -1/18/11	\$ 41,815.00
Task Order No. 4 - 3/21/11	\$ 16,296.00
Task Order No. 5 - 9/1/11	\$ 5,500.00
Task Order No. 6 - 10/6/11	\$ 8,700.00
Task Order No. 7 - 2/21/12	\$ 15,112.00
Task Order No. 8 - 7/25/12	\$ 4,190.00
Remaining Contingency Budget	\$ 237,285.00
Current Budget	\$ 4,351,206.00
BUDGET BALANCE REMAINING	\$ 2,435,916.99
DUE AND PAYABLE THIS INVOICE:	\$ 5,221.24

I hereby certify that the hours and expenses charged in this invoice are the actual hours worked and costs incurred under this Agreement.

Tracie Sakakihara

Tracie Sakakihara, Project Manager

Please remit to our P.O. Box address:
 Hatch Mott MacDonald, LLC
 Dept LA22336
 Pasadena, CA 91185-2336

All payments sent via courier should be sent to:
 Hatch Mott MacDonald, LLC
 Dept LA22336
 14005 Live Oak Avenue
 Irwindale, CA 91706-1300