

Attachment

4

Upper Santa Margarita Watershed Region

IRWM Implementation Grant Proposal

Budget

Attachment 4 consists of the following items:

Budget. Attachment 4 provides a budget for each project within this 2015 Implementation Grant Proposal, as well as a budget for the entire Proposal. Each section following includes the proposed budget for each individual project in this Proposal.

This Budget Attachment provides detailed budget documentation to support each cost shown in the tables below under the section entitled Detailed Proposal Work Item Budgets. Please note that for many of the budget categories shown in each budget table, there may be several tasks and sub-tasks. The budget tables also present the proposed funding match for each project within the Proposal, including information that describes how each project will contribute to the Proposal's 61% funding match. The Proposal as a whole far exceeds the Department of Water Resources (DWR) funding match criteria of 25%.

Proposal Budget Summary

As described in Attachment 3, the Proposal involves implementation of four (4) projects to meet the Region's water management needs.

The total budget for this Proposal is \$7,013,316.46. Of this amount, \$2,754,121.00 is being requested from DWR through the IRWM Grant Program, \$4,259,195.46 (61% percent) is being provided through non-State funding sources (funding match), and \$0.00 is being provided through other State funds. A Disadvantaged Community (DAC) funding match waiver is not being requested.

Table 4-1 presents the overall cost of Proposal implementation. Detailed cost estimates for each project contained in the Proposal follow. The specific work items outlined in Attachment 3 are reflected in the detailed cost estimates.

Project Budgets

Detailed budgets for each project included within this Proposal, including a summary budget and a description of how the budget shown, are reasonable based on current available information.

Table 4-1: Summary Budget (PSP Table 8)

Proposal Title: Upper Santa Margarita Watershed Prop 84, 2015 Solicitation Grant Proposal						
Individual Project Title		(a)	(b)	(c)	(d)	(e)
		Requested Grant Amount	Cost Share: Non-State Fund Source (Funding Match)	Cost Share: Other State Funding Sources	Total Cost	% Funding Match
(a)	Wellhead Treatment Facilities – Well 102 Project	\$1,204,121.00	\$3,423,227.60	\$0.00	\$4,627,348.60	74%
(b)	Water Use Efficiency Turf Removal Project	\$500,000.00	\$471,474.12	\$0.00	\$971,474.12	49%
(c)	Expanded Recycled Water and Plant Material Conversion Project	\$750,000.00	\$255,283.23	\$0.00	\$1,005,283.23	25%
(d)	Riverside County Parks Turf Reduction Program	\$300,000.00	\$109,210.51	\$0.00	\$409,210.51	27%
Proposal Total		\$2,754,121.00	\$4,259,195.46	\$0.00	\$7,013,316.46	61%
DAC Funding Match Waiver Total		\$0.00	\$0.00	\$0.00	\$0.00	n/a
Grand Total		\$2,754,121.00	\$4,259,195.46	\$0.00	\$7,013,316.46	61%

Project: Wellhead Treatment Facilities – Well 102 Project

Project Budget (PSP Table 7)					
Proposal Title: Upper Santa Margarita Watershed Prop 84, 2015 Solicitation Grant Proposal					
Project Title: Wellhead Treatment Facilities – Well 102 Project					
Project serves a need of a DAC?: No					
Funding Match Waiver request?: No					
		(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				
Task 1	Project Management	\$0.00	\$25,748.00	\$0.00	\$25,748.00
Task 2	Labor Compliance Program	\$0.00	\$5,112.20	\$0.00	\$5,112.20
Task 3	Reporting	\$0.00	\$21,496.00	\$0.00	\$21,496.00
(b)	Land Purchase/Easement				
Task 4	Land Purchase	\$0.00	\$0.00	\$0.00	\$0.00
(c)	Planning/Design/Engineering/ Environmental Documentation				
Task 5	Feasibility Studies	\$0.00	\$299,573.18	\$0.00	\$299,573.18
Task 6	CEQA Documentation	\$0.00	\$44,492.00	\$0.00	\$44,492.00
Task 7	Permitting	\$0.00	\$14,288.32	\$0.00	\$14,288.32
Task 8	Design	\$0.00	\$324,524.00	\$0.00	\$324,524.00
Task 9	Project Performance Monitoring Plan	\$0.00	\$3,000.00	\$0.00	\$3,000.00
(d)	Construction/Implementation				
Task 10	Contract Services	\$0.00	\$17,529.90	\$0.00	\$17,529.90
Task 11	Construction Administration	\$0.00	\$319,085.00	\$0.00	\$319,085.00
Task 12	Construction/ Implementation	\$1,204,121.00	\$2,348,379.00	\$0.00	\$3,552,500.00
Subtask 12.1	<i>Mobilization and Site Preparation</i>	<i>\$0.00</i>	<i>\$170,000.00</i>	<i>\$0.00</i>	<i>\$170,000.00</i>
Subtask 12.2	<i>Project Construction</i>	<i>\$1,204,121.00</i>	<i>\$2,158,379.00</i>	<i>\$0.00</i>	<i>\$3,362,500.00</i>
Subtask 12.3	<i>Performance Testing and Demobilization</i>	<i>\$0.00</i>	<i>\$20,000.00</i>	<i>\$0.00</i>	<i>\$20,000.00</i>
(e)	Grand Total (Sum rows (a) through (d) for each column)	\$1,204,121.00	\$3,423,227.60	\$0.00	\$4,627,348.60

*Cost Share sources: USBR Drought Grant (\$300,000) & Rancho California Water District (\$3,123,227.60)

The budget presented in the table above is considered reasonable based on current available information. The justification for each category of budget presented is provided below.

(a) Direct Project Administration

Task 1: Project Management: Budget estimates for project management activities are based on previous experience with similar projects. The consultant cost to prepare the Grant Application is based on the consultant's per-project cost listed in their proposal and has a cost of \$15,000/project. General project management costs are \$10,748 which consist of 40 hours of RCWD's Principal Engineer time with an hourly wage of \$268.70. The total budget for Task 1 is \$25,748.00.

Task 2: Labor Compliance Program: Budget estimates for labor compliance are based on a quote of \$3,500 from Labor Compliance Providers, an outside service provider dedicated to ensuring labor compliance. Also included in the budget is RCWD Principle Engineer staff time of 6 hours at an hourly wage of \$268.70 to manage the consultant contract which is based on previous experience with similar projects. The total budget for Task 2 is \$5,112.20.

Task 3: Reporting: The budget estimates for staff time preparing, completing, and submitting Quarterly Project Progress Reports as well as a Draft and Final Project Completion Report include RCWD's Principle Engineer staff time at an hourly rate of \$268.70. Past experience with similar projects was used to determine that approximately 40 hours will be required to prepare progress reports, 20 hours will be required to prepare the draft project completion reports, and 20 hours will be required to prepare the final grant completion reports. The total budget for Task 3 is \$21,496.00.

(b) Land Purchase/Easement

Task 4: Land Purchase – not applicable

(c) Planning/Design/Engineering/Environmental Documentation

Task 5: Feasibility Studies: Budget for feasibility studies includes the preparation of the Wellhead Treatment Strategy & Preliminary Design. The budget is comprised of outside services from Tetra Tech Inc. and is based on a consultant contract of \$250,000.00 to prepare the Wellhead Treatment Strategy & Preliminary Design. RCWD internal labor cost is based on actual engineering staff hours of 254 at an average hourly rate of \$195.17 to manage and review the Wellhead Treatment Strategy & Preliminary Design. The total budget for Task 5 is \$299,573.18.

Task 6: CEQA Documentation: Budget estimates for CEQA documentation includes the actual consultant cost of \$44,492.00 to complete an Initial Study/Mitigated Negative Declaration.

Task 7: Permitting: Budget estimates for permitting activities includes lab testing of bacteriological sampling and staff time to obtain the Water Supply Permit Amendment. The lab test will cost \$2,500 and the hours to prepare the Water Supply Permit Amendment are based on previous experience preparing Water Supply Permit Amendments. The total number of hours to prepare the Water Supply Permit Amendment include RCWD's Principal Engineer at a rate of \$268.70 for 24 hours and RCWD's Water Quality Supervisor at a rate of \$222.48 and 24 hours. The total budget for Task 7 is \$14,288.32.

Task 8: Design: Cost estimates for preparation of the 50%, 90% and Final Design Documents are based on a combination of contracts, invoices spent to date, and previous experience with similar well facility treatment projects. The Task 8 budget is \$324,524.00.

Task 9: Project Performance Monitoring Plan: The preparation and submission of the Project Performance Monitoring Plan (PMP) to DWR will be performed by an outside Environmental Consultant. Budget is based on previous experience with similar projects and totals \$3,000.00.

(d) Construction/Implementation

Task 10: Contract Services: Budget estimates for contracting services includes RCWD staff labor to develop bid documents and prepare for advertisement, conduct a pre-bid meeting, evaluate proposals, award a contract, and issue a Notice to Proceed. RCWD staff time includes a Contracts Coordinator (\$133.05/hour for 46 hours), Contracts Manager (\$311.06/hour for 30 hours), and a Principal Engineer (\$268.70/hour for 4 hours). Costs also include the \$1,000 for bid advertisement. The total budget for Task 10 is \$17,526.90.

Task 11: Construction Administration: Construction administration will be completed by RCWD staff and an outside contractor. A full time Construction Inspector will be onsite for the duration of the Project and is supported by the Construction Contracts Manager and Engineer Project Manager. An outside services contract will be awarded for an estimated \$95,000.00. RCWD staff time includes a Contracts Coordinator (\$310.06/hour for 120 hours), a Contracts Manager (\$311.06/hour for 80 hours), a Principal Engineer (\$268.70/hour for 120 hours), Inspections (\$187.30/hour for 580 hours) and a Construction Inspections Supervisor (\$211.15/hour for 100 hours). The total budget for Task 11 is \$319,085.00.

Task 12: Construction/Implementation: Activities for construction are broken into subtasks below. The total Task 12 budget is \$3,552,500.00.

Subtask 12.1: Mobilization & Site Preparation: Budget estimates for mobilization includes moving equipment to the site in preparation for construction which includes trailers, staff and heavy equipment. This task also includes the contractor's requirement to provide full bonding and insurance. The total budget for mobilization is \$170,000 which is derived from the industry stand of 5% of total construction costs as calculated in construction cost estimates prepared by Krieger & Stewart, Inc. in June 2015 (Page 1, Table 1).

Subtask 12.2: Project Construction: Budget for project construction includes furnishing, installation and construction of the wellhead treatment facilities which totals \$3,362,500.00 and comes from construction cost estimates prepared by Krieger & Stewart, Inc. in June 2015 (Page 1, Table 1).

Subtask 12.3: Performance Testing & Demobilization

Budget for start-up and testing totals \$20,000 and comes from construction cost estimates and comes from construction cost estimates prepared by Krieger & Stewart, Inc. in June 2015 (Page 1, Table 1).

Project: Water Use Efficiency Turf Removal Project

Project Budget (PSP Table 7)					
Proposal Title: Upper Santa Margarita Watershed Prop 84, 2015 Solicitation Grant Proposal					
Project Title: Water Use Efficiency Turf Removal Project					
Project serves a need of a DAC?: No					
Funding Match Waiver request?: No					
		(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				
Task 1	Project Management	\$5,109.52	\$15,000.20	\$0.00	\$20,109.72
Task 2	Labor Compliance Program	\$0.00	\$11,262.24	\$0.00	\$11,262.24
Task 3	Reporting	\$5,214.00	\$0.00	\$0.00	\$5,214.00
(b)	Land Purchase/Easement				
Task 4	Land Purchase	\$0.00	\$0.00	\$0.00	\$0.00
(c)	Planning/Design/Engineering/ Environmental Documentation				
Task 5	Feasibility Studies	\$0.00	\$0.00	\$0.00	\$0.00
Task 6	CEQA Documentation	\$0.00	\$0.00	\$0.00	\$0.00
Task 7	Permitting	\$0.00	\$0.00	\$0.00	\$0.00
Task 8	Design	\$0.00	\$0.00	\$0.00	\$0.00
Task 9	Project Performance Monitoring Plan	\$6,048.24	\$0.00	\$0.00	\$6,048.24
(d)	Construction/Implementation				
Task 10	Contract Services	\$0.00	\$0.00	\$0.00	\$0.00
Task 11	Construction Administration	\$0.00	\$0.00	\$0.00	\$0.00
Task 12	Construction/Implementation	\$483,628.24	\$445,211.68	\$0.00	\$928,839.92
Subtask 12.1	<i>Outreach and Marketing</i>	<i>\$0.00</i>	<i>\$417.12</i>	<i>\$0.00</i>	<i>\$417.12</i>
Subtask 12.2	<i>Turf Rebate Implementation</i>	<i>\$483,628.24</i>	<i>\$444,794.56</i>	<i>\$0.00</i>	<i>\$928,422.80</i>
(e)	Grand Total (Sum rows (a) through (d) for each column)				
		\$500,000.00	\$471,474.12	\$0.00	\$971,474.12

*Sources of funding: Metropolitan Water District of Southern California (MWDSC) WaterSmart Turf Rebate Program (\$455,000), Eastern MWD (\$11,579.92), Western MWD (\$4,894). Should MWDSC's WaterSmart Turf Rebate Program run out of funds, customer cost for turf purchase will be used as match.

The budget presented in the table above is considered reasonable based on current available information. The justification for each category of budget presented is provided below.

(a) Direct Project Administration

Task 1: Project Management: Estimates for Project Management activities include the preparation of the grant application by a Consultant (\$15,000/project) and 147 hours for East Municipal Water District's (EMWD) Conservation Program Specialist with an hourly rate of \$34.76 to perform project coordination throughout the grant period and generate and submit invoices to DWR. The hours are based on previous experience with similar projects and the total Task 1 budget is \$20,109.72.

Task 2: Labor Compliance Program: Budget estimates for ensuring labor compliance are based on past experience with similar projects and include a include EMWD's Conservation Program Specialist hours of 324 and an hourly wage of \$34.76. The total Task 2 budget is \$11,262.24.

Task 3: Reporting: Reporting budget estimates are based on past experience with similar projects and include staff time preparing, completing and submitting Quarterly Project Progress Reports as well as a Draft and Final Project Completion Report. The budget derived from 150 hours of EMWD's Conservation Program Specialist time at an hourly rate of \$34.76. The total Task 3 budget is \$5,214.00.

(b) Land Purchase/Easement

Task 4: Land Purchase: Not applicable.

(c) Planning/Design/Engineering/Environmental Documentation

Task 5: Feasibility Studies: Not applicable.

Task 6: CEQA Documentation: Not applicable.

Task 7: Permitting: Not applicable.

Task 8: Design: Not applicable.

Task 9: Project Performance Monitoring Plan: The Project Performance Monitoring Plan will be prepared by the Conservation Program Specialist at \$34.76 per hour and 174 hours. Estimated budget is based on experience from similar projects. The total Task 9 budget is \$6,048.24.

(d) Construction/Implementation

Task 10: Contract Services: Not applicable.

Task 11: Construction Administration: Not applicable.

Task 12: Construction/Implementation: The budgets for Task 12 are described below under Subtasks 12.1 and 12.2. The total Task 12 budget is \$928,839.92.

Subtask 12.1: Outreach and Marketing: Estimated budget for this task is based on previous experience in preparing outreach and marketing materials, and will be completed by the Conservation Program Specialist at an hourly rate of \$34.76 at 12 hours for a total of \$417.12.

Subtask 12.2: Turf Rebate Implementation: Project construction budget estimates include the rebate unit cost of \$2 per square foot of landscape revision for turf removal. The program is estimated to accommodate 455,000 square feet for a total of \$910,000 of material costs. Budget for labor includes 530 hours of EMWD's Conservation Program Specialists time at \$34.76 per hour to conduct pre- and post- inspections, process applications and prepare rebate payments. The total budget for project construction is \$928,422.80.

Project: Expanded Recycled Water & Plant Material Conversion Project

Project Budget (PSP Table 7)					
Proposal Title: Upper Santa Margarita Watershed Prop 84, 2015 Solicitation Grant Proposal					
Project Title: Expanded Recycled Water & Plant Material Project					
Project serves a need of a DAC?: No					
Funding Match Waiver request?: No					
		(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				
Task 1	Project Management	\$0.00	\$37,961.96	\$0.00	\$37,961.96
Task 2	Labor Compliance Program	\$1,995.00	\$4,606.55	\$0.00	\$6,601.55
Task 3	Reporting	\$8,105.66	\$3,491.86	\$0.00	\$11,597.52
(b)	Land Purchase/Easement				
Task 4	Land Purchase	\$0.00	\$0.00	\$0.00	\$0.00
(c)	Planning/Design/Engineering/ Environmental Documentation				
Task 5	Feasibility Studies	\$0.00	\$0.00	\$0.00	\$0.00
Task 6	CEQA Documentation	\$337.50	\$1,229.28	\$0.00	\$1,566.78
Task 7	Permitting	\$187.50	\$2,646.33	\$0.00	\$2,833.83
Task 8	Design	\$26,625.00	\$98,361.08	\$0.00	\$124,986.08
Task 9	Project Performance Monitoring Plan	\$0.00	\$1,271.16	\$0.00	\$1,271.16
(d)	Construction/Implementation				
Task 10	Contract Services	\$0.00	\$5,549.14	\$0.00	\$5,549.14
Task 11	Construction Administration	\$0.00	\$14,151.50	\$0.00	\$14,151.50
Task 12	Construction/Implementation	\$712,749.34	\$86,014.37	\$0.00	\$798,763.71
Subtask 12.1	<i>Mobilization and Site Preparation</i>	\$22,722.86	\$7,574.42	\$0.00	\$30,297.28
Subtask 12.2	<i>Project Construction</i>	\$669,917.93	\$76,284.25	\$0.00	\$746,202.18
Subtask 12.3	<i>Performance Testing and Demobilization</i>	\$20,108.55	\$2,155.70	\$0.00	\$22,264.25
(e)	Grand Total (Sum rows (a) through (d) for each column)	\$750,000.00	\$255,283.23	\$0.00	\$1,005,283.23
*Sources of funding: Rancho California Water District (\$20,438.85), City of Temecula (\$125,839.37), La Serena HOA (\$49,096.88), Rancho Serrano HOA (\$43,715.63), Paseo Del Sol HOA (\$16,192.50)					

The budget presented in the table above is considered reasonable based on current available information. The justification for each category of budget presented is provided below.

(a) Direct Project Administration

Task 1: Project Management: Project management budget estimates include RCWD staff rates and staff hours to complete tasks based on previous experience on similar projects. The budget for this task is estimated using RCWD staff as follows: Senior Water Management Analyst (\$200/hour for 10 hours), Senior Water Resources Planner (\$211.86 for 82 hours), and a Senior Accounting Analyst (\$149.56 for 24 hours). Also included is a lump sum consultant cost of \$15,000 (a per project cost) to prepare the Prop 84, 2015 Solicitation Implementation Grant Application. The total Task 1 budget is \$37,961.96.

Task 2: Labor Compliance Program: Labor compliance budget estimates are based on previous experience on similar projects, and include RCWD and City of Temecula staff time for collecting and verifying the Proof of Labor Compliance for each site. RCWD staff will include a Project Manager (\$85/hour for 16 hours), a Field Investigator (\$45/hour for 4 hours) and a Compliance Analyst (\$35/hour for 13 hours). City of Temecula staff will include an Associate Engineer/PM/City Inspector (\$70.87/hour for 65 hours). The total Task 2 budget is \$6,601.55.

Task 3: Reporting: Reporting budget is estimated using previous experience on similar projects using RCWD staff, including a Senior Water Management Analyst (\$200/hour for 24 hours), Senior Water Resource Planner (\$211.86 for 32 hours). The total Task 3 budget is \$11,579.52.

(b) Land Purchase/Easement

Task 4: Land Purchase – not applicable

(c) Planning/Design/Engineering/Environmental Documentation

Task 5: Feasibility Studies – not applicable

Task 6: CEQA Documentation: The budget estimates for CEQA documentation is based on previous experience on similar projects and includes staff time to develop and submit the anticipated Notice of Exemption (NOE) for each site. The filing fee for each site is \$50.00 for a total of \$450.00. Staff time to develop and submit the NOE includes an RCWD Senior Water Resource Planner (\$211.86 for 3 hours) and a City of Temecula Senior Management Analyst/Associate Planner (\$80.20 for 6 hours). The total budget for this task is \$1,566.78.

Task 7: Permitting: Encroachment permits from the City of Temecula are budgeted based on staff time, including an Associate Engineer/PM (\$70.87/hour for 9 hours), and City of Temecula Encroachment fees (\$244 per permit, for 9 sites per the City of Temecula Land Development Division Fee Schedule effective July 1, 2015, page 2). The total budget for Task 7 is \$2,833.83.

Task 8: Design: The budget for developing plans, designs, and specifications to be used for developing site plans is based on experience from implementing the initial recycled water and plant material conversion project, and is based on staff time. Staff time for design includes a Landscape Architect (\$250 for 360 hours) and a City of Temecula Associate Engineer/PM (\$70.87/hour for 68 hours). Staff time for plan check and approval includes a Design Engineer (\$231/hour for 91 hours) and an Engineering Construction Manager (\$326.64/hour for 28 hours). The total Task 8 budget is \$124,986.08.

Task 9: Project Performance Monitoring Plan

Estimates for the preparation and submission of the Project Performance Monitoring Plan to DWR for the Project is based on previous experience with the initial project, and will be performed by RCWD's Senior Water Resources Planner with an hourly rate of \$211.86 and 6 hours for a total of \$1,271.16.

(d) Construction/Implementation

Task 10: Contract Services: The budget for preparing Memorandums of Understandings (MOU) between RCWD and each HOA and City site, as well as contracting by the City of Temecula and reviewing HOA contractor contracting documents, is based on previous experience from the initial project and includes a RCWD Senior Water Resources Planner (\$211.86/hour for 19 hours) and a City of Temecula Senior Management Analyst (\$80.20/hour for 19 hours). The total Task 10 budget is \$5,549.14.

Task 11: Construction Administration: Budget estimates for Construction Administration will include staff time for managing the MOU and ensuring that the terms are followed, and providing construction oversight and inspecting construction work to ensure that health and safety standards are followed. Hours are estimated based on previous experience in the initial project. City of Temecula staff will include an Associate Engineer/PM (\$70.87/hour for 64 hours) and City Inspector (\$70.87/hour for 46 hours). RCWD staff will include a Senior Water Resources Planner (\$211.86/hour for 30 hours). The total Task 11 budget is \$14,151.50

Task 12: Construction/Implementation: The budget for construction is divided by subtask, as described below. The total Task 12 budget is \$798,765.24.

Subtask 12.1: Mobilization and Site Preparation: Subtask 12.1 budget items include labor hours and materials. Labor hours and material costs are based on past experience in completing the initial recycled water conversion project funded under Prop 84, Round 2. Material costs for the herbicide are budgeted as \$13,000 for the two sites that will undergo plant conversion. Landscape labor is estimated at \$45.76/hour for 378 hours. The total budget for Subtask 12.1 is \$30,297.28.

Subtask 12.2: Project Construction: The budget associated for project construction includes labor hours and materials. Labor hours and material costs are based on past experience in completing the initial project. Materials, such as piping, represent average estimated materials for each site. Labor for mulching and replanting the two plant conversion sites will require landscape laborers (\$45.76/hour for 750 hours). Labor for piping retrofits will require irrigation technicians (\$62.50/hours for 1,027 hours) and landscape laborers (\$45.76/hour for 2,343 hours). Installation of mow curbs will also require landscape laborers (\$45.76/hour for 150 hours). Materials include drought tolerant plants (900 plants at \$48.50 each), mulch (651 cubic yards at \$75/cubic yard), piping (\$34,704 per site for 9 sites, based on average piping costs for previous projects and distance from main recycled water pipeline), concrete for mow curbs (\$6.24/square foot for 850 square feet). In addition, meter fees will be paid for installation of the new recycled water meters, which is estimated at \$123,500. The total budget is derived by adding \$410,115.00 in materials, \$336,087.18 in labor and meter fees. The total budget for Subtask 12.2 is \$746,202.18.

Subtask 12.3: Performance Testing and Demobilization: The budget for performance testing includes staff time to perform cross connection testing/complete the punch list, and will include a Water Quality Inspector (\$169.85/hour for 100 hours) and a Water Quality Supervisory (\$211.17/hour for 25 hours). Costs are based on past experience with doing similar projects. The total Subtask 12.3 budget is \$22,264.25.

Project: Riverside County Parks Turf Reduction Program

Project Budget (PSP Table 7)					
Proposal Title: Upper Santa Margarita Watershed Prop 84, 2015 Solicitation Grant Proposal					
Project Title: Riverside County Parks Turf Reduction Program					
Project serves a need of a DAC?: No					
Funding Match Waiver request?: No					
Category		(a)	(b)	(c)	(d)
		Requested Grant Amount	Cost Share: Non-State Fund Source* (Funding Match)	Cost Share: Other State Fund Source*	Total Cost
(a)	Direct Project Administration				
Task 1	Project Management	\$0.00	\$24,253.40	\$0.00	\$24,253.40
Task 2	Labor Compliance Program	\$0.00	\$14,944.15	\$0.00	\$14,944.15
Task 3	Reporting	\$0.00	\$3,018.24	\$0.00	\$3,018.24
(b)	Land Purchase/Easement				
Task 4	Land Purchase	\$0.00	\$0.00	\$0.00	\$0.00
(c)	Planning/Design/Engineering/ Environmental Documentation				
Task 5	Feasibility Studies	\$0.00	\$0.00	\$0.00	\$0.00
Task 6	CEQA Documentation	\$0.00	\$1,587.44	\$0.00	\$1,587.44
Task 7	Permitting	\$0.00	\$0.00	\$0.00	\$0.00
Task 8	Design	\$15,007.00	\$19,832.00	\$0.00	\$34,839.00
Task 9	Project Performance Monitoring Plan	\$0.00	\$813.60	\$0.00	\$813.60
(d)	Construction/Implementation				
Task 10	Contract Services	\$0.00	\$13,008.28	\$0.00	\$13,008.28
Task 11	Construction Administration	\$0.00	\$3,254.40	\$0.00	\$3,254.40
Task 12	Construction/Implementation	\$284,993.00	\$0.00	\$0.00	\$284,993.00
Subtask 12.1	Mobilization & Site Preparation	\$7,918.00	\$0.00	\$0.00	\$7,918.00
Subtask 12.2	Project Construction	\$266,046.00	\$0.00	\$0.00	\$266,046.00
Subtask 12.3	Performance Testing & Demobilization	\$11,029.00	\$0.00	\$0.00	\$11,029.00
	Construction Contingency (10%)	\$0	\$28,499.00	\$0.00	\$28,499.00
	Total	\$300,000.00	\$109,210.51	\$0.00	\$409,210.51

*Cost Share Source: Riverside County Regional Park and Open Space District In-Kind and Cash Funds

The budget presented in the table above is considered reasonable based on current available information. The justification for each category of budget presented is provided below.

(a) Direct Project Administration

Task 1: Project Management: Estimates for Project Management activities include the preparation of the grant application by a Consultant (\$15,000/project), and Park and Open Space District staff time to perform Project coordination throughout the grant period, generate and submit invoices to RCWD for submittal to DWR, and general project oversight and grant coordination. The budget estimate for staff time includes a Supervising Accountant (\$38.83/hour for 40 hours), Grant Analyst (\$41.92/hour for 60 hours, and Park Superintendent (\$51.85/hour for 100 hours). The hours are based on previous experience with similar projects and the total Task 1 budget is \$24,253.40.

Task 2: Labor Compliance Program: Budget estimates for ensuring labor compliance are based on the estimated cost to prepare, adopt and implement a Labor Compliance Program. Work will be completed by Park and Open Space District staff, and include 415 hours of Buyer II time at an hourly wage of \$36.01. The total Task 2 budget is \$14,944.15.

Task 3: Reporting: Reporting budget estimates are based on past experience with similar projects and include staff time preparing, completing and submitting Quarterly Project Progress Reports as well as a Draft and Final Project Completion Report. The budget derived from 72 hours of Park and Open Space District Grants Analyst time at an hourly rate of \$41.92. The total Task 3 budget is \$3,018.24.

(b) Land Purchase/Easement

Task 4: Land Purchase: Not applicable.

(c) Planning/Design/Engineering/Environmental Documentation

Task 5: Feasibility Studies: Not applicable.

Task 6: CEQA Documentation

Budget for CEQA documentation includes staff time for Project review in context of CEQA requirements and develop and file the anticipated Notice of Exemption. Work will be completed by Park and Open Space District staff, and include 24 hours for a Senior Planner at an hourly wage of \$64.06. The cost to file a Notice of Exemption is estimated at \$50. The total Task 6 budget is \$1,587.44.

Task 7: Permitting: Not applicable.

Task 8: Design: The design and associated specifications will be completed by a Landscape Architect. Budget for Task 8 is based on previous cost for the Park and Open Space District to complete a similar turf replacement project at Lake Cahuilla, completed in July 2015. First, the design and construction cost for this Project was estimated based on the cost per square foot from the Lake Cahuilla project applied to the actual square footage at Lake Skinner. Next, design costs were estimated as 11% of the total Project design and construction cost (where 10% to 12% is considered the industry average). Based on these calculations, the budget for Task 8 is \$34,839.00.

Task 9: Project Performance Monitoring Plan: This task involves the preparation and submission of the Project Performance Monitoring Plan to DWR. Work will be performed by the Area Manager at a rate of \$40.68 for 20 hours. The budget for Task 9 is \$813.60.

(d) Construction/Implementation

Task 10: Contracting Services: Work under this task includes developing a statement of work, advertising the bid, a pre-bid contractors meeting, evaluating the bid, awarding the contract and providing the notice to proceed. Work will be completed by the following Park and Open Space District staff: Senior Planner (\$64.06/hour for 28 hours), Buyer II (\$36.01/hour for 48 hours), Park Ranger Supervisor (\$40.51/hour for 12 hours). In addition, a Board fee will be paid for the contract, totaling \$9,000.00. This fee is paid for the Board of Directors to review and consider agenda items. The total Task 10 budget is 13,008.28.

Task 11: Construction Administration: Construction administration will include overseeing the construction and attending progress meetings. Work will be completed by the Park and Open Space District Area Manager at a rate of \$40.68/hour for 80 hours. The Task 11 budget is \$3,254.40.

Task 12: Construction/Implementation: Activities for construction are broken into subtasks below.

Subtask 12.1: Mobilization & Site Preparation: The budget for Subtask 12.1 is based on previous cost for the Park and Open Space District to complete a similar turf replacement project at Lake Cahuilla, completed in July 2015. Overall cost for design and construction for this Project were first estimated based on the cost per square foot from the Lake Cahuilla project applied to the actual square footage at Lake Skinner to come up with the cost estimate for this Project. Mobilization and Site Preparation is estimated as 2.5% of this cost. Based on these calculations, the budget for Subtask 12.1 is \$7,918.00.

Subtask 12.2: Project Construction: Project Construction costs include the cost to replace turf with native plants and trees, retrofit irrigation systems with drip irrigation, and prepare and install interpretive panels. The budget for Subtask 12.2 is based on previous cost for the Park and Open Space District to complete a similar turf replacement project at Lake Cahuilla, completed in July 2015. Overall cost for design and construction for this Project were first estimated based on the cost per square foot from the Lake Cahuilla project applied to the actual project site square footage at Lake Skinner to come up with the cost estimate for this Project. Project Construction is estimated as 84% of this cost. Based on these calculations, the budget for Subtask 12.2 is \$266,046.00.

Subtask 12.3: Performance Testing & Demobilization: Performance Testing and Demobilization will include staff time for final inspections and coverage tests, as well as time to remove equipment from each site. Park and Open Space District staff work will include completing a punch list and final job inspection by the Park Superintendent at \$51.85/hour for 60 hours. The remaining budget for Subtask 12.3 to perform demobilization is based on previous cost for the Park and Open Space District to complete a similar turf replacement project at Lake Cahuilla, completed in July 2015. Overall cost for demobilization were first estimated based on the cost per square foot from the Lake Cahuilla project applied to the actual square footage at Lake Skinner to come up with the cost estimate for this Project. Performance Testing & Demobilization is estimated as 2.5% of this cost. Based on these calculations, the budget for Subtask 12.3 is \$11,029.00.

Contingency: Construction contingency is included in the budget based on 10% of the overall construction cost of \$284,993.00, and is budgeted at \$28,499.00.