



A4. Budget

Attachment 4 identifies and discusses the overall Proposal budget as well as the individual budgets for each of the five projects proposed for implementation in the Santa Barbara County Region Proposition 84 (Prop 84) Integrated Regional Water Management (IRWM) Implementation Grant Application – Round 2 (Proposal).

This Proposal has an estimated total cost of about **\$13.0 million**, and the region is requesting less than **\$6.0 million** in Prop 84 grant funding. The requested grant funding will be applied largely toward construction of each of the first four projects. The region will contribute **\$7.0 million in matching funds**, which equates to **more than 54%** Proposal funding match.

Department of Water Resources (DWR) Table 7, Project Budget, was completed for each of the four projects, and the costs are presented for each of the tasks and subtasks identified in Attachment 3, Work Plan, as well as Attachment 5, Schedule. Table 7 also presents the funding match percent and funding sources for each project.

DWR Table 8, Summary Budget, presented as Figure 4.0-1, summarizes the budget information for each of the five projects and the overall Proposal. Each of the costs shown in the budget is adequately supported by documentation included in the appendices, and an explanation is provided to clearly demonstrate how each of the project costs was estimated.

As described in Attachment 10, Disadvantaged Communities (DACs), this Proposal directly benefits DACs. Two of the five projects directly benefit a DAC; these DACs include block groups in the City of Santa Maria and the City of Guadalupe.

FIGURE 4.0-1
Proposal Budget Summary

Summary Budget						
Proposal Title: Santa Barbara County Region Prop 84 IRWM Implementation Grant Application – Round 1						
	Individual Project Title	Requested Grant Funding	Cost Chare: Non-State Fund Source (Funding Match)	Cost Share: Other State Fund Source	Total Cost	% Funding Match
(a)	Project 1: Recycled Water Enhancement Project	\$3,000,000	\$5,181,986	\$0	\$8,181,986	63.3%
(b)	Project 2: Twitchell Reservoir Sediment Management and Groundwater Recharge Project	\$597,000	\$238,310	\$0	\$835,310	28.5%
(c)	Project 3: Recycled Water Expansion and Golf Course Retrofit Project	\$1,500,000	\$1,598,543	\$0	\$3,098,543	51.6%
(d)	Project 4: Secondary Treatment Reliability Project	\$684,530	\$15,000	\$0	\$699,530	2.1%
(e)	Project 5: Grant Administration	\$175,000	\$0	\$0	\$175,000	0.0%
(f)	Proposal Total	\$5,956,530	\$7,033,839	\$0	\$12,990,369	54.1%
(g)	DAC Funding Match Waiver Total	\$0	\$0	\$0	\$0	--
(h)	Grand Total	\$5,956,530	\$7,033,839	\$0	\$12,990,369	54.1%



Project 1: Recycled Water Enhancement Project, City of Santa Barbara

The Recycled Water Enhancement Project (Project 1 or Project) has an estimated total Project cost of \$8,181,986 and the City of Santa Barbara (City) is requesting \$3,000,000 in Proposition 84, Round 2, grant funding. The requested grant funding will be used for final design and permitting, construction, construction administration, and construction contingency. The City is committed to contributing 63% of the total project costs in matching funds (cash and in-kind) with its contribution of \$5,181,986

Funding Sources

The “Non-State Share” of the budget includes a cash match of \$4,899,096 and an in-kind match of \$282,890. Matching funds total \$5,181,986 in Table 4.1-1. The City has demonstrated its commitment to the Project as the City Council has approved the technology for the Project and total funding out of annual budget capital projects. The City Council has approved \$2 million for fiscal year (FY) 2012 expenditures and approximately \$6 million is planned for the FY 2014 budget that will be approved in June 2013. In-kind services include administrative costs, planning and design, permitting, and construction administration.

Project 1 Detailed Budget

The detailed Project costs are presented in Table 4.1-1, Project Budget. The City of Santa Barbara requests \$3,000,000 in grant funding and offers a \$5,181,986 cost share for a funding match of 63%. Total Project costs are \$8,181,986. Rows a – h budget categories are detailed below.

Overall Project costs of approximately \$8.2 million were approved by Santa Barbara’s City Council on February 26, 2013 as shown in Appendix 4-1 (Council Agenda Report, City of Santa Barbara, February 26, 2013). The “Estimated Total Project Cost” table, p. 2, in the above-referenced Council Agenda Report estimates costs of approximately \$240,000 for City staff time. City staff time is comprised of \$82,711 (“Other Design Costs” category) during final design and permitting phase and \$158,091 (“Estimated Construction Management” category) during the construction phase. An additional \$42,890 for Preliminary Design (30%) (Task 5) was added to \$240,000 in City staff time for an in-kind services total of \$282,890.

For the purposes of this grant request, City staff costs have been distributed to various tasks as follows: Task 1 (Administration, \$16,000), Task 2 (Labor Compliance Program, \$12,800), Task 3 (Reporting, \$3,200), Task 6 (Environmental Documentation, \$6,400), Task 7 (Permitting, \$80,000), Task 8 (Construction Contracting, \$6,400), and a portion of Task 10 (Construction Administration, \$115,200) for purposes of this grant application.

Project serves a need of a DAC? No
Funding match waiver request? No

Table 4.1-1: Project Budget

Budget Category		(a) Requested Grant Amount	(b) Cost Share: Non-State Fund Source (Funding Match)*	(c) Cost Share: Other State Funds Being Used**	(d) Total	% Funding Match
(a)	Direct Project Administration Costs	\$0	\$32,000	\$0	\$32,000	100%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$519,851	\$803,731	\$0	\$1,323,581	61%
(d)	Construction/Implementation	\$2,095,080	\$2,870,840	\$0	\$4,965,920	58%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$0	\$0	\$0	\$0	0%
(f)	Construction Administration	\$385,070	\$577,605	\$0	\$962,675	60%
(g)	Other Costs	\$0	\$0	\$0	\$0	0%
(h)	Construction/Implementation Contingency	\$0	\$897,810	\$0	\$897,810	100%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$3,000,000	\$5,181,986	\$0	\$8,181,986	63%

Sources of Funding:

*City of Santa Barbara, Public Works Department, Capital Improvement Program Budget, Fiscal Year (FY) 2012 and FY2014 provides the cash match of \$4,899,096. In-kind services in the amount of \$282,890 are provided by the City of Santa Barbara.

**No other State funds are being used.

Budget Category (a): Direct Project Administration

Budget Category A, Direct Project Administration, includes \$16,000 for Task 1 (Project Administration), \$12,800 for Task 2 (Labor Compliance Program) and \$3,200 for Task 3 (Reporting). The costs for Budget Category A total \$32,000.

Task 1: Project Administration

Project administration activities of \$16,000 include project administration and the preparation and submittal of quarterly, final, and post completion reports will be performed by the City of Santa Barbara Public Works Department. The development of financing has already been completed. The costs of project administration are apportioned, as explained above in the introduction to the Direct Project Administration, from the total estimated \$240,000 for City staff time (Appendix 4-1).

Task 1: Project Administration

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
Development of financing	Project Manager	\$160	30	\$4,800
Execution of grant contract	Project Manager	\$160	30	\$4,800
Quarterly invoices and reports	Project Manager	\$1600	40	\$6,400
Total				\$16,000

Task 2: Labor Compliance Program

The City will contract with a Third-Party Labor Compliance Program Administrator to submit an application to the Department of Industrial Relations for a project-specific Labor Compliance Program (LCP). The Third-Party LCP Administrator will assist the City in oversight of contractor compliance with the Code of Federal Regulations. The costs of the Labor Compliance Program are \$12,800 and are apportioned, as explained above in the introduction to the Direct Project Administration, from the total estimated \$240,000 for City staff time (Appendix 4-1).

Task 2: Labor Compliance Program

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
Development of Labor Compliance Program and Third-party Labor Compliance Program Administrator	Project Manager	\$160	40	\$6,400
Compliance Monitoring Unit	Project Manager	\$160	40	\$6,400
Total				\$12,800

Task 3: Reporting

Reporting to demonstrate compliance with grant agreement requirements will be conducted as needed. Quarterly, final and post-completion reports will be prepared and submitted to DWR, but will be budgeted for under Task 1: Project Administration. The costs of Task 3, Reporting are apportioned, as explained above in the introduction to the Direct Project Administration, from the total estimated \$240,000 for City staff time (Appendix 4-1).

Task 3: Reporting

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
Submittal of Quarterly Progress Report	Project Manager	\$160	12	\$1,920
Submittal of Final Report	Project Manager	\$160	4	\$640
Submittal of Post Completion	Project Manager	\$160	4	\$640
Total				\$3,200

Budget Category (b): Land Purchase/Easement

Not applicable. The Project is replacing an existing City facility on City land (will remain within existing site boundaries). No acquisitions and no rights-of-way will be required.

Budget Category (c): Planning/Design/Engineering/Environmental Documentation

Budget Category C, Planning/Design/Engineering/Environmental Documentation, includes \$1,237,181 for Task 5 (Project Design), \$6,400 for Task 6 (Environmental Documentation) and \$80,000 for Task 7 (Permitting). The costs for Budget Category C total \$1,323,581.

Task 4: Assessment and Evaluation

Various studies as previously described have been performed to support the need for the Project. The studies performed are listed in Attachment 3, Completed Work, pages 3-9. Work is complete.

Task 5: Final Design

Preliminary design report (30% design) was completed in February 2013. The City has entered into an agreement for contract services to complete final design and support permitting process. Ninety percent (90%) design is expected to be completed by September 2013. Final design and permitting is expected to be complete in October 2013. The Project will be put out to bid for construction in November 2013.

Detailed cost estimates for Final Design are shown in Appendix 4-1 (CDM Smith 2013, p. 16). Task 5 summarizes Preliminary Design (30% Design) costs, 90% Design, and Final Design. The total costs for 90% Design and Final Design are \$742,406, which are comprised of the following tasks (see CDM Smith 2013): Task 1 (Final Design), Task 2 (Bid Services), Task 3 (Project Management), and Optional Task (O.1 - Convert existing recycled water pumps to variable frequency drives). The total Project design costs are \$1,237,181.

Task 5: Final Design

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
Preliminary Design Report (30% Design)	Engineering		Work complete	\$494,775
90% Design	Engineering			\$683,478
Final Design	Engineering			\$58,928
			Total	\$1,237,181

Task 6: Environmental Documentation

Project 1 is expected to be exempt from the California Environmental Quality Act (CEQA) and therefore, costs are minimal and will only entail the City filing for a Notice of Exemption. The costs for the documentation are apportioned, as explained above in the introduction to the Direct Project Administration, from the total estimated \$240,000 for City staff time (Appendix 4-1).

Task 6: Environmental Documentation

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
File for CEQA Notice of Exemption	Planning	\$160	40	\$6,400
Total				\$6,400

Task 7: Permitting

The following permits will be secured during the final design phase of the Project (March 2013 – January 2014): Regional Water Quality Control Board (RWQCB); Santa Barbara County Air Pollution Control District Permits for the new chemicals being stored and used as part of the proposed microfiltration system; and Santa Barbara Building Permits. The costs of Task 7, Permitting, are apportioned, as explained above in the introduction to the Direct Project Administration, from the total estimated \$240,000 for City staff time (Appendix 4-1).

Task 7: Permitting

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
Amend existing RWQCB WDR/MRP permit	Planning	\$160	200	\$32,000
Santa Barbara County Air Pollution Control District Permits	Planning	\$160	150	\$24,000
Santa Barbara Building Permits	Planning	\$160	150	\$24,000
Total				\$80,000

Budget Category (d): Construction/Implementation

Budget Category D, Construction and Implementation, includes \$6,400 for Task 8 (Construction Contracting) and \$4,959,520 for Task 9 (Construction). The total budget for Category D is \$4,965,920.

Task 8: Construction Contracting

Construction contracting will include the preparation and distribution of bid packages, advertising the contract, distributing bid invitations and instructions, conducting a pre-bid meeting, evaluating bids and selecting the lowest responsible bidder, awarding the

contract, issuing the notice to proceed, and maintaining contract escrow bid documents. The costs of Task 8, Construction Contracting are apportioned, as explained above in the introduction to the Direct Project Administration, from the total estimated \$240,000 for City staff time (Appendix 4-1).

Task 8: Construction Contracting

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
Prepare and distribute bid packages	Project Manager	\$160	10	\$1,600
Advertise Contract	Project Manager	\$160	2	\$320
Distribute Bid Invitations and Instructions	Project Manager	\$160	2	\$320
Conduct Pre-Bid Meeting for Prospective Contractors and Subcontractors	Project Manager	\$160	4	\$640
Evaluate Bids and Select Bidder	Project Manager	\$160	8	\$1,280
Confirm that Bonding Requirements Have Been Met	Project Manager	\$160	2	\$320
Award Contract and Obtain Procurement of Services	Project Manager	\$160	2	\$320
Issue Notice to Proceed	Project Manager	\$160	2	\$320
Maintain Contract Escrow Bid Documents	Project Manager	\$160	8	\$1,280
Total			40	\$6,400

Task 9: Construction

Construction will include the following tasks: mobilization, site preparation, construction, and performance testing and demobilization. The estimated combined budget for both subtasks is \$4,959,520.

Detailed construction costs are included Appendix 4-1 (Don Cutler, Greg Wetterau, Evelyn You, Kirk Johnson, CDM Smith. *Pages from Memo, Tertiary Filtration Preliminary Design Technical Memorandum No. 7, Appendix C-5, November 21, 2012*), showing total construction costs of \$5.3 million. Adding the change order allowance, estimated construction costs are approximately \$5.9 million (see *City of Santa Barbara Council Agenda Report to Mayor and Councilmembers, Filtration Plant Replacement Project, February 26, 2013*, provided in Appendix 4-1).

The total estimated construction cost of \$5.9 million includes \$897,810 for construction contingency costs, which are shown separately under Budget Category H (Construction/Implementation Contingency). Subtracting the contingency costs from \$5.9 million results in a total cost of \$4,959,520 for Task 9.

Task 9: Construction

Description	Total (\$)
Materials	\$1,987,463
Equipment	\$92,904
Labor	\$268,566
Other ¹	\$2,078,102
Contingency ²	\$897,810
<i>Subtotal</i>	\$5,324,845
Change Order Allowance	\$532,485
Total (with Contingency)	\$5,857,330
Total (without Contingency)	\$4,959,520

¹“Other” costs include materials such as treatments pumps, aeration equipment, electrical equipment, GC general conditions, building permits, sales tax (MEO), contractor total OH&P, builder’s risk insurance, general liability insurance, GC bonds, and escalation (see Appendix 4-1 [Don Cutler, Greg Wetterau, Evelyn You, Kirk Johnson, CDM Smith. Pages from Memo, Tertiary Filtration Preliminary Design Technical Memorandum No. 7, Appendix C-5 Opinion of Probable Cost of Construction, November 21, 2012]).

²Construction contingency of \$897,810 from Budget Category H is included here.

Budget Category (e): Environmental Compliance/Mitigation/Enhancement
Environmental Compliance / Mitigation / Enhancement

No environmental mitigation or enhancement required.

Budget Category (f): Construction Administration

Task 10: Construction Administration

The management of the construction contractor includes: inspection of work; receipt of as-builts; review of submittals; negotiation and approval of change orders; weekly construction reports; administration of Project finances; general administration, planning, and record keeping; and risk management. The costs of Task 10, Construction Administration are apportioned, as explained above in the introduction to the Direct Project Administration, from the total estimated \$240,000 for City staff time (Appendix 4-1).

Task 10: Construction Administration

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
Management of Construction Contractor	Engineering			\$962,675
			Total	\$962,675

Budget Category (g): Other Costs

No other costs are required.

Budget Category (h): Construction/Implementation Contingency

The construction and implementation contingency is \$897,810, which is approximately 17% of the total estimated construction cost, and will be in place to cover unknown conditions encountered during construction or implementation of the Project (see CDM Smith. Pages from Memo, *Tertiary Filtration Preliminary Design Technical Memorandum No. 7*, November 21, 2012, provided in Appendix 4-1).

Note that construction and implementation contingency is referenced in the detailed description of estimated Task 9 (Construction) costs under Budget Category D (Construction/Implementation).



Project 2: Twitchell Reservoir Sedimentation Management and Groundwater Recharge Project, Santa Maria Valley Water Conservation District

The Twitchell Reservoir Sedimentation Management and Groundwater Recharge Project (Project 2 or Project) has an estimated total Project cost of \$835,310, and the Santa Maria Valley Water Conservation District (SMVWCD), as the lead agency of the Project, is requesting \$597,000 in Proposition 84 Implementation Grant funding. The requested grant funding will be applied toward project construction and implementation, including the sedimentation dredging operation and the purchase of essential dredging pipeline and pump equipment. SMVWCD and its cooperating partners (Project proponents) are committed to contributing \$238,310 in matching in-kind funds, which equates to a 28.5% funding match for this Project. The cooperating partners include the City of Santa Maria, Twitchell Management Authority (TMA), and Santa Barbara County Flood Control and Water Conservation Agency.

Funding Sources

Cash Funding Match

The cooperating partners are providing \$191,310 in cash match for the Project. This cash match is associated with the costs for the development of financing, project design, environmental documentation, stockpile seeding, construction management, other costs, and construction contingency.

In-Kind Funding Match

The cooperating partners are contributing \$47,000 total in funding match in the form of in-kind services (employee labor time) for project administration, labor compliance, reporting, environmental permitting, and preconstruction inspections environmental mitigation.

Project 2 Detailed Budget

A summary of the Project 2 costs is presented in Figure 4.2-1. An explanation of how the costs were developed is presented herein for each budget category.

FIGURE 4.2-1
Project 2 Budget

Proposal Title: Santa Barbara County Region Prop 84 IRWM Implementation Grant Application – Round 2
Project 2 Title: Twitchell Reservoir Sedimentation Management and Groundwater Recharge Project, Santa Maria Valley Water Conservation District

Project serves a need of a DAC?: Yes

Funding Match Waiver request? : No

Budget Category		(a) Requested Grant Funding	(b) Cost Share Non- State Fund Source* (Funding Match)	(c) Cost Share: Other State Funds Source*	(d) Total Cost	(e) % Funding Match
(a)	Direct Project Administration Costs	\$0	\$35,500	\$0	\$35,500	100%
(b)	Land Purchase/Easement (N/A)	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$0	\$90,250	\$0	\$90,250	100%
(d)	Construction/Implementation	\$597,000	\$0	\$0	\$597,000	0%
(e)	Environmental Compliance/Mitigation/Enhancement	\$0	\$23,000	\$0	\$23,000	100%
(f)	Construction Administration	\$0	\$57,500	\$0	\$57,500	100%
(g)	Other Costs	\$0	\$2,210	\$0	\$2,210	100%
(h)	Construction/Implementation Contingency (5%)	\$0	\$29,850	\$0	\$29,850	100%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$597,000	\$238,310	\$0	\$835,310	28.5%

**Sources of funding: The City of Santa Maria is contributing \$238,310 in funding match for project administration, reporting, environmental documentation, environmental mitigation, construction contracting, and construction administration.*

Budget Category (a): Direct Project Administration

The direct project administration costs are completely supported by funding match. The cooperating partners are contributing \$25,000 total in funding match in the form of in-kind services (employee labor time) for project administration (Task 1), labor compliance (Task 2), and reporting (Task 3). They are also contributing a \$10,500 cash funding match towards the preparation of this Proposal. These estimates are based on the labor time anticipated to be spent by the Utilities Engineer, Business Services Manager, and consultants on project administration and management. A detailed summary of the budget for Tasks 1, 2, and 3 is presented in Figure 4.2-2.

FIGURE 4.2-2
Budget Detail for Category (a): Direct Project Administration Costs

Task	Activity or Deliverable	Discipline	Estimated Hourly Wage	Number of hours	Cash Funding Match	In-Kind Funding Match	Total Funding Match
1	Project Administration	Utilities Engineer	\$60	50	N/A	\$3,000	\$3,000
		Business Services Manager	\$50	80	N/A	\$4,000	\$4,000
		Consultant (Proposal Preparation)	N/A	N/A	\$10,500	N/A	\$10,500
2	Labor Compliance Program Management	Third Party Consultant	\$100	150	N/A	\$15,000	\$15,000
3	Reporting	Business Services Manager	\$50	60	N/A	\$3,000	\$3,000
Total:					\$10,500	\$25,000	\$35,500

Budget Category (b): Land Purchase/Easement

No land or easements need to be purchased for this Project. Therefore, the budgeted costs are zero.

Budget Category (c): Planning/Design/Engineering/Environmental Documentation

The tasks associated with this budget category are completely supported by matching funds. The entire requested grant amount of \$90,250 is to be applied toward project design (Task 4), environmental documentation (Task 5), assistance with environmental permits (Task 6), and the development of stormwater pollution prevention plans (SWPPP) (Task 6). This estimate is based on the environmental consultant’s rates for documentation and regulatory assistance and the labor time anticipated to be spent by various engineers for mapping, drafting, and SWPPP development. A summary of the budget for Tasks 4, 5, and 6 is presented in Figure 4.2-3.

FIGURE 4.2-3
Budget Detail for Category (c): Planning/Design/Engineering/Environmental Documentation

Task	Activity or Deliverable	Discipline	Estimated Hourly Wage	Number of hours	Cash Funding Match	In-Kind Funding Match	Total Funding Match
4	Final Design	Utilities Engineer	N/A	N/A	\$57,500	N/A	\$57,500
5	Environmental Documentation and Certification	Business Services Manager	N/A	N/A	\$18,750	N/A	\$18,750
6	Discussions with Regulatory Agencies SWPPP	Environmental Consultant	\$100	100	N/A	\$10,000	\$10,000
		Engineer	\$100	40	N/A	\$4,000	\$4,000
Total:					\$76,250	\$14,000	\$90,250

Budget Category (d): Construction/Implementation

SMVWCD is requesting \$597,000 in grant funding for project construction and implementation tasks.

The \$5,000 estimate for contracting administration under Task 7 was developed based on the labor time anticipated to be spent by the project manager.

The requested grant amount of \$592,000 for Task 8 is to be applied toward project construction, including site preparation, sediment dredging, and demobilization. This grant amount will fund the mobilization of necessary equipment to the project site, the sediment dredging operation, pipe layouts, site grading, and the removal of equipment from the site. In addition, these estimates include the purchase of the dredging pipeline and pump, as well as other materials. The budgeted amount for sediment removal operation of \$495,000 was determined from an estimate of \$55.00 per dredged cubic yard for the approximate 9,000 cubic yards of sediment to be removed. This estimate was provided by MNS Engineers, Inc. and based on discussions with various dredging contractors. A detailed summary of the budget for Task 8 is presented in Figure 4.2-4.

FIGURE 4.2-4
Budget Detail for Category (d) Construction/Implementation

<i>Labor</i>					
Task/ Subtask	Activity or Deliverable	Discipline	Estimated Hourly Wage	Number of hours	Total Cost
7	Contract Administration	Project Manager	\$100	20	\$2,000
	Advertise and Bid	Project Manager	\$100	15	\$1,500
	Award Project	Project Manager	\$100	15	\$1,500
8.2	Pipe Layout	Pipefitter	\$100	100	\$10,000
	Grading of Stockpile and Dewatering Area	Heavy Equipment Operator	\$200	100	\$20,000
8.3	Equipment Removal and Demobilization*	Vehicle, dredge and other equipment*	N/A	N/A	\$15,000
Labor Total:					\$50,000
<i>Materials and Equipment Used</i>					
Task/ Subtask	Activity or Deliverable	Material or Equipment Used	Unit Cost	Number of units	Total Cost
8.1	Mobilization and Site Preparation*	Trucks, dredge, equipment and construction materials	N/A	N/A	\$40,000
8.2	Dredging Pipeline and Pump	Pipe and pump	N/A	N/A	\$12,000
	Dredging Operation	Cubic yards of Dredge	\$55	9,000	\$495,000
Materials and Equipment Total:					\$547,000
Budget Category Total:					\$597,000

* Both costs are estimated as total costs from discussions with various dredging contractors. The mobilization activity includes the purchase of dredging equipment and contracted labor associated with mobilization.

Budget Category (e): Environmental Compliance/Mitigation/Enhancement

Environmental mitigation efforts are completely supported by funding match. The Project proponents are contributing \$23,000 total funding match for botanical and biological preconstruction surveys and seed to plant vegetation after construction has been completed (Task 9). This estimate is based on the cost of seed and the labor time anticipated to be spent by the botanist, biologist, and seeding contractor on these tasks. Details are provided in Figure 4.2-5.

FIGURE 4.2-5
Budget Detail for Category (e): Environmental Compliance/Mitigation/Enhancement, Task 9

Activity or Deliverable	Discipline	Estimated Hourly Wage	Number of hours	Cash Funding Match	In-Kind Funding Match	Total Funding Match
Botanic Preconstruction Inspection	Botanist	\$100	40	N/A	\$4,000	\$4,000
Biologic Preconstruction Inspection	Biologist	\$100	40	N/A	\$4,000	\$4,000
Seeding of Stockpiles	Contractor	N/A	N/A	\$15,000	N/A	\$15,000
Total:				\$15,000	\$8,000	\$23,000

Budget Category (f): Construction Administration

Construction administration (Task 10) is completely supported by funding match. The Project proponents are contributing \$57,500 total funding match in the form of cash for construction administration services as they relate to construction management and inspection.

Budget Category (g): Other Costs

Other costs identified for this Project include fees to U.S. Fish and Wildlife (\$2,160) and to Santa Barbara County (\$50). These costs will be supported by cash funding match. No other costs are anticipated for this Project because licenses and permits are not required.

Budget Category (h): Construction/Implementation Contingency

The estimated construction contingency for this Project is \$29,850 and was calculated as 5% of the total construction and administration costs to account for any unexpected overruns. The contingency cost is supported entirely by funding match from the Project proponents and is estimated based on experience with contingency costs of past similar projects performed by the MNS Engineers Inc., an infrastructure consulting firm.



Project 3: Recycled Water Enhancement and Golf Course Retrofit Project, Laguna County Sanitation District

Funding Sources

Cash Funding Match

The Laguna County Sanitation District (LCSD) will provide \$1,593,043 in cash match for the Project. This is summarized in Table 4.3-1. This cash match is associated with the costs for the planning, design, engineering, environmental documentation, a portion of construction costs, environmental compliance/mitigation enhancement, construction administration, other costs, and contingencies.

In-Kind Funding Match

Project 3 will provide \$60,500 in in-kind services devoted to the administration of the Project, including labor compliance contracting services.

Costs Incurred Prior to September 30, 2008

Project 3 Detailed Budget

Table 4.3-1 is the budget summary and detailed Project costs are presented in various sections and tables below.

Project Title: Recycled Water Enhancement and Golf Course Retrofit Project

Project serves a need of a DAC? (Yes or No): No
Funding Match Waiver request? (Yes or No): N/A

TABLE 4.3-1
Project 3 Budget

Budget Category		Total Cost Associated with Each Row1	Local Contribution	Non-state Share	(a) Grant Request	(b) Non-state Share*	(c) Other State Funds Being Used*	(d) Total	% Funding Match
(a)	Direct Project Administration Costs	\$60,500	\$60,500	\$60,500	\$0	\$60,500	\$0	\$60,500	100%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/Environmental Documentation	\$243,043	\$243,043	\$243,043	\$0	\$243,043	\$0	\$243,043	100%
(d)	Construction/Implementation	\$1,503,000	\$58,000	\$58,000	\$1,500,000	\$58,000	\$0	\$1,561,000	4%
(e)	Environmental Compliance/Mitigation/Enhancement	\$100,000	\$100,000	\$100,000	\$0	\$100,000	\$0	\$100,000	100%
(f)	Construction Administration	\$92,000	\$92,000	\$92,000	\$0	\$92,000	\$0	\$92,000	100%
(g)	Other Costs	\$950,000	\$950,000	\$950,000	\$0	\$950,000	\$0	\$950,000	100%
(h)	Construction/Implementation Contingency	\$150,000	\$150,000	\$150,000	\$0	\$150,000	\$0	\$150,000	100%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$3,098,543	\$1,653,543	\$1,653,543	\$1,500,000	\$1,653,543	\$0	\$3,156,543	52%

Local funding from LCSD capital reserves. Grant amount applied for = \$1,500,000. Other costs include costs to construct 1 million gallon holding tank (Other Costs) required to implement the Project.

Budget Category (a): Direct Project Administration

Task 1: Project Administration

Project administration activities include contract processing; preparation and submittal of quarterly, final, and post completion reports; and general project administrative duties. These tasks will be carried out by LCSD staff.

Task 1: Project Administration

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
Contract processing, invoice review and approval; review of consultant labor compliance program (LCP) and submittals; grant agreement invoice preparation	Project Administrator	\$60	200	\$12,000
Invoice processing for payment	Accounting	\$85	100	\$8,500
Progress report preparation and	Project Engineer	\$100	250	\$25,000
Labor Compliance	Labor Compliance Administrator	\$80	187.50	\$15,000
			Total	\$60,500

Task 2: Labor Compliance Program

The LCSD will contract with a Third-Party Labor Compliance Program (LCP) Administrator to submit an application to the Department of Industrial Relations for a project-specific LCP. The Third-Party LCP Administrator will assist the LCSD in oversight of contractor compliance with the Code of Federal Regulations.

Task 2: Labor Compliance Program

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
Consultant Services for LCP Development and Implementation	LCP Administrator	\$80	187.50	\$15,000
			Total	\$15,000

Task 3: Reporting

Reporting to demonstrate compliance with grant agreement requirements will be conducted as needed. Quarterly, Final, and Post-Completion Reports will be prepared and submitted to the Department of Water Resources (DWR), but will be budgeted for under Task 1: Project Administration.

Task 3: Reporting

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
Submittal of Quarterly Progress Report	Project Engineer	\$100	250	\$25,000
Total				\$25,000

Budget Category (b): Land Purchase/Easement

Not applicable. The pipeline will be owned and maintained by the LCSD, and it will be located in County and state road rights-of-way.

Budget Category (c): Planning/Design/Engineering/Environmental Documentation

Task 4: Assessment and Evaluation

The LCSD has undergone numerous assessments and evaluations for the Project, as discussed in other parts of the application. No other work is needed to support the Project. The budget information provided is applicable to some of the studies prepared and has been included as part of the Project’s funding match.

Task 4: Assessment And Evaluation

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
Studies				\$70,242.73
Total				\$70,242.73

Task 5: Final Design

Preliminary design is almost entirely complete and final design will be completed before September 2013. The table below summarizes the costs of the design. These apply to the Project’s match.

Task 5: Final Design

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
Design Plans	Engineer	\$160	761.25	\$121,800
Electrical Plans	Engineer	\$140	100	\$14,000
Total				\$135,800

Task 6: Environmental Documentation

The Project completed environmental review, and a Mitigated Negative Declaration (MND) was prepared and approved for the Project.

Task 6: Environmental Documentation

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
Preparation and Approval of the Project’s MND	Planning	\$120	225	\$27,000
Total				\$12,800

Task 7: Permitting

The Project requires encroachment permits from the California Department of Transportation (Caltrans) and County of Santa Barbara (County) as well as permitting from the U.S. Fish and Wildlife Service (USFWS) and the California Department of Fish and Wildlife (CDFW) to address endangered species issues.

Task 7: Permitting

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
Caltrans Permit and County Encroachment Permits	Permit Engineer	\$160	31	\$5,000
Environmental Monitoring	Monitor/Biologist	\$125	40	\$5,000
Total				\$10,000

Budget Category (d): Construction/Implementation

Task 8: Construction Contracting

Construction contracting will include the preparation and distribution of bid packages, advertising the contract, distributing bid invitations and instructions, distributing bid addenda, conducting a pre-bid meeting, evaluating bids and selecting the lowest responsible bidder, awarding the contract, issuing the notice to proceed, and maintaining contract escrow bid documents.

Task 8: Construction Contracting

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
Advertising and Award	Project Administrator	\$60	50	\$3,000
Total				\$3,000

Task 9: Construction

Contract pay items will be based on the engineer’s estimate, but in general, construction will include the following tasks: Subtask 9.1, Mobilization and Site Preparation; Subtask 9.2, Construction; and Subtask 9.3, Performance Testing and Demobilization. Costs for these tasks are broken down into material, equipment, and labor costs.

Task 9: Construction

Materials					
Activity or Deliverable	Materials Used	Unit Costs (\$)	Number of Units	Total (\$)	Total
Subtask 9.1 Mobilization and Site Preparation					
Temporary Field Office and Utilities		\$10,000	1	\$10,000	\$10,000
Bonds and Insurance	Contract	\$20,000	1	\$20,000	\$20,000
Site Examination, Temporary Security, Contractor Staging and Laydown, etc.	As-Required	\$10,000	1	\$10,000	\$10,000
Submittals (schedule of values, schedules, technical material deliverables, etc.)	Admin.	\$10,000	1	\$10,000	\$10,000
Disconnect of existing irrigation system	Typ. Constr. Equipment	\$50,000	1	\$50,000	\$50,000
Subtask 9.2 Construction					
Pipeline to golf course	12-inch PVC Pipe	\$30	4,100	\$123,000	\$123,000
Pipeline to golf course	12-inch DR9 HDPE	\$40	5,000	\$200,000	\$200,000
Bridge crossing	12-inch steel pipe	\$40,000	1	\$40,000	\$40,000
Valve	12-inch gate	\$2,000	4	\$8,000	\$8,000
Meter	Flow meter and vault	\$4,000	1	\$4,000	\$4,000
Valve	1-inch CAV	\$2,500	2	\$5,000	\$5,000
Valve	4-inch blowoff	\$2,000	1	\$2,000	\$2,000
Pipe support	Thrustblock	\$200	15	\$3,000	\$3,000
Paving	Asphalt	\$4.00	30,750	\$123,000	\$123,000
AC dike	AC dike	\$8.00	1,250	\$10,000	\$10,000
Pipeline in golf course paved areas	12-inch PVC	\$30	60	\$1,800	\$1,800
Pipeline in golf course unpaved areas	12-inch PVC	\$30.00	1,340	\$40,200	\$40,200
Fittings	12-inch fittings w/ thrustblock	\$1,000.00	6	\$6,000	\$6,000
Valve	Control valve	\$3,000.00	1	\$3,000	\$3,000
Pond structure	Inlet	\$1,000.00	1	\$1,000	\$1,000
Liner	Pond liner	\$5,000	1	\$5,000	\$5,000

Materials					
Activity or Deliverable	Materials Used	Unit Costs (\$)	Number of Units	Total (\$)	Total
Pump	20 hp	\$10,000	1	\$10,000	\$10,000
Pump	40 hp	\$25,000	1	\$25,000	\$25,000
Pump station	Duplex station	\$40,000	1	\$40,000	\$40,000
Golf course pipeline	4-inch PVC	\$4	20,400	\$81,600	\$81,600
Golf course pipeline	6-inch PVC well water	\$8	400	\$3,200	\$3,200
Golf course pipeline	6-inch PVC recycled	\$8	2,600	\$20,800	\$20,800
Valve	6-inch gate	\$500	3	\$1,500	\$1,500
Valve	4-inch ball	\$300	14	\$4,200	\$4,200
Valve	6-inch double check	\$2,000	2	\$4,000	\$4,000
Reducer	6-inch to 4-inch	\$200	1	\$200	\$200
			Total	\$865,500	\$865,500

Equipment					
Activity or Deliverable	Equipment Used	Costs (\$)	Number of Units	Total (\$)	Total
Subtask 9.1 Mobilization and Site Preparation					
Mobilize Equipment	Trucks, forklifts, backhoes, excavators, etc.	\$20,000	1	\$20,000	\$20,000
Subtask 9.2 Construction					
Typical Construction Equipment (hourly rental)	Forklifts	\$50	100	\$5,000	\$5,000
Typical Construction Equipment (hourly rental)	Loader, backhoe, excavator	\$50	1,500	\$75,000	\$75,000
Pneumatic Equipment (monthly rental)	Compressor, pneumatic tools, etc.	\$500	50	\$25,000	\$25,000
Across All Activities (hourly rental)	Pickup trucks	\$21	1,000	\$21,000	\$21,000
Subtask 9.3 Performance Testing and Demobilization					
Start-up, Testing, and Commissioning	Misc. equipment	\$5,000	1	\$5,000	\$5,000
			Total	\$151,000	\$151,000

Labor					
Activity or Deliverable	Discipline	Hourly Wage by discipline (\$)	Number of Hours	Total (\$)	Total
Subtask 9.1 Mobilization, Site Preparation, and Construction					
Project Manager/Superintendent	General Construction	\$125	800	\$100,000	\$100,000
Subtask 9.2 Project Construction					
Foreman	Civil/Mech.	\$60	800	\$48,000	\$48,000
Laborer	Civil/Mech.	\$46	4,000	\$184,000	\$184,000
Equipment Operators	Equip. Oper.	\$62	1,600	\$99,200	\$99,200
Electrician	Elec.	\$58	320	\$18,400	\$18,400
Specialty Trades, 2x full-time for 2 weeks	Painting and Coatings	\$60	160	\$9,600	\$9,600
Subtask 9.3 Performance Testing and Demobilization					
Soils and Material Tester	Compaction	\$60	200	\$12,000	\$12,000
Start-up, Testing, and Commissioning	Elec.	\$60	100	\$6,000	\$6,000
Demobilize Crews		\$45	100	\$4,500	\$4,500
Training		\$60	30	\$1,800	\$1,800
Total				\$483,500	\$483,500
Total Budget Category Total Cost				\$1,500,000	\$1,500,000

Budget Category (e): Environmental Compliance/Mitigation/Enhancement

The pipeline and golf course retrofit are located within habitat range of the California tiger salamander (CTS; *Ambystoma californiense*) and California red-legged frog (CRLF; *Rana draytonii*). Both species and in particular, CTS, has the potential for impacts from the Project due to the dispersal of breeding ponds in the Project vicinity. Because construction activities are in existing roadways, shoulders, and landscaped and improved areas, the impacts to potential habitat area is considered temporary. Consultation with the USFWS and the CDFW will determine to what extent compensatory mitigation will be required, but it is believed that temporary impacts can be mitigated by purchasing mitigation credits at a mitigation bank currently being created by private interests. This process involves both agencies approving a habitat conservation plan order to issue incidental take permits and could take 1 year to complete. Costs are unknown but are estimated at \$100,000.

Environmental Compliance/Mitigation/Enhancement

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
Purchase of Mitigation Credits at the Mitigation Bank	N/A	N/A	N/A	\$100,000
Total				\$100,000

Budget Category (f): Construction Administration

Task 10: Construction Administration

The management of the construction contractor includes inspection of work, receipt of as-builts (record drawings), review of submittals, negotiation and approval of change orders, weekly construction reports, administration of project finances, administration, and risk management.

Task 10: Construction Administration

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
Construction Monitoring	Engineer	\$100	120	\$12,000
Management of Contract, Construction and Monitoring of Project	Engineer	\$125	400	\$50,000
Geotechnical Inspection	Engineer	\$100	300	\$30,000
Total				\$92,000

Task 11: Other Costs

The LCSD constructed a recycled water tank required to store the supply. This was recently completed and is being included as funding match.

Task 11: Other Costs

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
Construction of Recycled Water Storage Tank	N/A	N/A	N/A	\$950,000
Total				\$950,000

Task 12: Contingency

Project 3 has reserved the industry standard of 10% for contingency costs.

Task 12: Other Costs

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
Contingency	N/A	N/A	N/A	\$150,000
Total				\$150,000

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Project 4: Secondary Treatment Reliability Project, City of Guadalupe Funding Sources

Cash Funding Match

The City will not be providing cash match for the Project.

In-Kind Funding Match

Project 4 will provide \$15,000 in-kind services, which is in the budget category of planning/ design and engineering. Although the Project is providing funding match, they are requesting a waiver from the 25% match requirement because of the disadvantaged community (DAC) status.

Costs Incurred Prior to September 30, 2008

There are no costs for the Project that were incurred prior to September 30, 2008.

Project 4 Detailed Budget

The summarized Project costs are presented in Table 4.4-1. Each task section also presents a detailed table.

Proposal Title: Santa Barbara County Region Prop 84 IRWM Implementation Grant Application – Round 2

Project 3 Title: Secondary Treatment Reliability Project, City of Guadalupe

Project serves a need of a DAC?: Yes

Funding Match Waiver request? : Yes

TABLE 4.4-1
Project Costs

		(a) Requested Grant Funding	(b) Cost Share Non- State Fund Source* (Funding Match)	(c) Cost Share: Other State Funds Source*	(d) Total Cost	(e) % Funding Match
(a)	Direct Project Administration Costs	\$40,230	\$0	\$0	\$40,230	0%
(b)	Land Purchase/ Easement (N/A)	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/ Engineering/ Environmental Documentation	\$0	\$15,000	\$0	\$15,000	
(d)	Construction/ Implementation	\$496,660	\$0	\$0	\$496,660	0%

TABLE 4.4-1
Project Costs

Budget Category		(a) Requested Grant Funding	(b) Cost Share Non- State Fund Source* (Funding Match)	(c) Cost Share: Other State Funds Source*	(d)	(e)
					Total Cost	% Funding Match
(e)	Environmental Compliance/Mitigation/Enhancement	\$0	\$0	\$0	\$0	0%
(f)	Construction Administration	\$70,200	\$0	\$0	\$70,200	0%
(g)	Other Costs	\$21,210	\$0	\$0	\$21,210	0%
(h)	Construction/Implementation Contingency (5%)	\$62,230	\$0	\$0	\$62,230	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$690,530	\$15,000	\$0	\$705,530	2.0%

Budget Category (a): Direct Project Administration

Task 1: Project Administration

Project administration activities include Project administration and the preparation and submittal of quarterly, final, and post completion reports. The City Engineer will be the direct administrator of the Project and it is anticipated that they will hire a grant administrator to prepare all invoice packages and progress reports to conform to the Grant Agreement requirements. The labor compliance will be handled by the construction management firm hired by the City. The estimates included in the budget below are based on the City’s experience with similar construction projects and grant funded projects.

Task 1: Project Administration

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
Project and Grant Management and Administration	Project Engineer	\$160	214	\$34,230
Third Party Labor Compliance Program and Contracting	LCP Administrator	\$80	75	\$6,000
			Total	\$40,230

Task 2: Labor Compliance Program

The City will contract with a Third Party Labor Compliance Program Administrator to submit an application to the Department of Industrial Relations for a project-specific Labor Compliance Program (LCP). The Third-Party LCP Administrator will assist the City in oversight of contractor compliance with the Code of Federal Regulations.

Task 2: Labor Compliance Program

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
Consultant Services for Labor Compliance Program Development and Implementation	LCP Administrator	\$80.00	75	\$6,000
			Total	\$6,000

Task 3: Reporting

Reporting to demonstrate compliance with grant agreement requirements will be conducted as needed. Quarterly, Final, and Post Completion Reports will be prepared and submitted to the Department of Water Resources (DWR), but will be budgeted for under Task 1: Project Administration.

Task 3: Reporting

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
Submittal of Quarterly Progress Report	Project Engineer	\$160.00	107	\$17,115

Budget Category (b): Land Purchase/Easement

Not applicable. The Project will be constructed on the current wastewater treatment plant (WWTP) site owned by the City of Guadalupe.

Budget Category (c): Planning/Design/Engineering/Environmental Documentation

Task 4: Assessment and Evaluation

The City has prepared a number of documents in support of the Project and no further work is required.

Task 4: Assessment And Evaluation

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
N/A	N/A	N/A	N/A	N/A

Task 5: Final Design

The Project has already been permitted, designed, and fully engineered. Final plans and specifications were completed in July 2011. There is no other work that needs to be completed for this task.

Task 5: Final Design

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
N/A	N/A	N/A	N/A	N/A

Task 6: Environmental Documentation

A Categorical Exemption was prepared for the Project in October 2010. There is no other work that needs to be completed for this task.

Task 6: Environmental Documentation

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
N/A	N/A	N/A	N/A	N/A

Task 7: Permitting

A Coastal Development Permit (CDP) from the Coastal Commission was secured on December 28, 2010. There is no other work that needs to be completed for this task.

Task 7: Permitting

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
N/A	N/A	N/A	N/A	N/A

Budget Category (d): Construction/Implementation

Task 8: Construction Contracting

Construction contracting will include the preparation and distribution of bid packages, advertising the contract, distributing bid invitations and instructions, conducting a pre-bid meeting, evaluating bids and selecting the lowest responsible bidder, awarding the contract, issuing the notice to proceed, and maintaining contract escrow bid documents.

Task 8: Construction Contracting

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
Bid Package Preparation	Civil/Mech.	\$160.00	160	\$25,600
Bid Package Preparation	Electrical	\$150.00	40	\$6,000
Bidding Phase	Admin	\$180.00	40	\$7,200
Bid Evaluation, Award, and NTP	Admin	\$180.00	20	\$3,600
			Total	\$42,400

Task 9: Construction

Construction will include the following tasks: Subtask 9.1, Mobilization and Site Preparation; Subtask 9.2, Construction; and Subtask 9.3, Performance Testing and Demobilization.

Task 9: Construction

Materials					
Activity or Deliverable	Materials Used	Unit Costs (\$)	Number of Units	Total (\$)	Total
Subtask 9.1 Mobilization and Site Preparation					
Temporary Field Office and Utilities		\$2,000.00	1	\$2,000.00	\$2,000.00
Bonds & Insurance, 3%	Contract	\$13,500.00	1	\$13,500.00	\$13,500.00
Site Examination, Temporary Security, Contractor Staging & Laydown, Etc.	As-Required	\$5,000.00	1	\$5,000.00	\$5,000.00
Submittals (Schedule of Values, Schedules, Technical Material Deliverables, Etc.)	Admin.	\$2,000.00	1	\$2,000.00	\$2,000.00
Demolition	Typ. Constr. Equipment	\$5,000.00	1	\$5,000.00	\$5,000.00
Subtask 9.2 Construction					
Influent Forcemain Mods	8" DI Pipe, Flgd	\$80.00	78	\$6,240.00	\$6,240.00
Influent Forcemain Mods	8" Valves	\$2,000.00	2	\$4,000.00	\$4,000.00
Influent Forcemain Mods	Hardware and Couplings	\$2,000.00	1	\$2,000.00	\$2,000.00
Influent Pumps	Pumps	\$15,000.00	3	\$45,000.00	\$45,000.00
Influent Pumps	VFD	\$10,000.00	1	\$10,000.00	\$10,000.00
Grit System	(Propeller, Classifier, Pump and Control Panel)	\$171,000.00	1	\$171,000.00	\$171,000.00
Grit Forcemains	4" DI Pipe, flgd	\$40.00	15	\$600.00	\$600.00
Grit Forcemains	4" DI Fittings	\$150.00	5	\$750.00	\$750.00
Grit Forcemains	6" DI Pipe	\$60.00	25	\$1,500.00	\$1,500.00
Grit Forcemains	6" DI Fittings	\$280.00	6	\$1,680.00	\$1,680.00
Grit Forcemains	6" PVC Pipe	\$48.00	20	\$960.00	\$960.00
Grit Forcemains	6" PVC Fittings	\$100.00	3	\$300.00	\$300.00
Grit Equipment Foundations	Reinforced Concrete	\$500.00	10	\$5,000.00	\$5,000.00
Grit System - Electrical	Conduit, Wiring	\$10,000.00	1	\$10,000.00	\$10,000.00
Painting and Coatings		\$1,500.00	1	\$1,500.00	\$1,500.00
Total				\$288,030	\$288,030

Equipment					
Activity or Deliverable	Equipment Used	Costs (\$)	Number of Units	Total (\$)	Total
Subtask 9.1 Mobilization and Site Preparation					
Mobilize Equipment	Trucks, Forklifts, hoists, etc.	\$1,500.00	1	\$1,500.00	\$1,500.00
Subtask 9.2 Construction					
Typical Construction Equipment (hrly rental)	Forklifts	\$39.00	30	\$1,170.00	\$1,170.00
Typical Construction Equipment (hrly rental)	Loader	\$39.00	160	\$6,240.00	\$6,240.00
Pneumatic equipment, (mo. Rental)	compressor, pneumatic tools, etc.	\$500.00	2	\$1,000.00	\$1,000.00
Across All Activities, (hrly rental)	Pickup Trucks	\$20.00	960	\$19,200.00	\$19,200.00
Subtask 9.3 Performance Testing and Demobilization					
Start-up, Testing, and Commissioning	Misc. Eqp	\$2,000.00	1	\$2,000.00	\$2,000.00
Total				\$31,110	

Labor					
Activity or Deliverable	Discipline	Hourly Wage by discipline (\$)	Number of Hours	Total (\$)	Total
Subtask 9.1 Mobilization, Site Preparation, and Construction					
Project Manager/ Superintendent	General Contr	\$120.00	280	\$33,600	\$33,600
Subtask 9.2 Project Construction					
Foreman	Civil/Mech.	\$60.00	320	\$19,200.00	\$19,200.00
Laborer	Civil/Mech.	\$46.00	640	\$29,440.00	\$29,440.00
Equipment Operators	Eqp. Oper.	\$62.00	320	\$19,840.00	\$19,840.00
Electrician	Elec.	\$57.50	320	\$18,400.00	\$18,400.00
Specialty Trades, 2x Full-time for 2wks	Painting and Coatings	\$60.00	160	\$9,600.00	\$9,600.00
Subtask 9.3 Performance Testing and Demobilization					
Soils and Material Tester	Concrete testing	\$60.00	8	\$480.00	\$480.00
Start-up, Testing, and Commissioning		\$60.00	40	\$2,400.00	\$2,400.00
Demobilize Crews		\$45.00	16	\$720.00	\$720.00
Training		\$60.00	24	\$1,440.00	\$1,440.00
Subtotal					\$135,120
Total Budget Category Total Cost				\$496,660	\$496,660

Budget Category (e): Environmental Compliance/Mitigation/Enhancement

Environmental Compliance / Mitigation / Enhancement

Project 4 completed a Categorical Exemption in October 2010. There were and are no environmental compliance mitigation or enhancement requirements for this Project, hence no costs associated with this item.

Environmental Compliance/Mitigation/Enhancement

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
N/A	N/A	N/A	N/A	N/A

Budget Category (f): Construction Administration

Task 10: Construction Administration

Construction administration and management will be handled by a third-party construction management firm. The budget prepared for this item and based upon the engineer’s estimates is \$70,200 and presumes part-time construction management/administration for the anticipated construction period.

Project scope is primarily equipment installation such that active onsite construction activities will be short in duration. Part-time inspection was assumed for the construction period.

Task 10: Construction Administration

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
Construction Management/ Administration	Engineer	\$160	438.75	\$70,200
Total				\$70,200

Task 11: Other Costs

Other costs budgets for this Project total \$21,210 and account for potential support to the construction administrator or City of Guadalupe accounting staff for Project invoice processing.

Task 11: Other Costs

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
Other Costs	N/A	N/A	N/A	\$21,210

Task 12: Contingency

The estimated construction contingency for this Project is \$62,230 and was calculated as 10% of the total construction and administration costs to account for any unexpected overruns.

Task 12: Other Costs

Activity or Deliverable	Discipline	Hourly Wage (\$/hr)	Number of Hours	Total
Contingency	N/A	N/A	N/A	\$62,230



Project 5: Grant Administration, Cachuma Resource Conservation District

Grant Administration (Project 5 or Project) has an estimated total Project cost of \$175,000, and the Cachuma Resource Conservation District (CRCD), as the lead agency of the Project, is requesting \$175,000 in Proposition 84 Implementation Grant funding. Project 5 consists of one main activity: Task 1, Grant Administration. The requested grant funding will be applied toward Task 1.

Project 5 Detailed Budget

A summary of the Project 5 costs is presented in Table 4.5-1. An explanation of how the costs were developed is presented herein for each budget category.

Budget Category (a): Direct Project Administration

The CRCD is requesting \$175,000 for direct project administration costs. The budget for Task 1, Grant Administration, was estimated to fund administrative activities such as coordinating with project proponents with continuing eligibility, project management, and grant funding distribution. Funds will also support the management and submission of quarterly project completion reports and the preparation of the final grant completion report.

TABLE 4.5-1

Project 5 Budget

Proposal Title: Santa Barbara County Region Prop 84 IRWM Implementation Grant Application – Round 2
Project 5 Title: Grant Administration, Cachuma Resource Conservation District

Project serves a need of a DAC?: No
Funding Match Waiver request? : No

Budget Category		(a) Requested Grant Funding	(b) Cost Share Non- State Fund Source* (Funding Match)	(c) Cost Share: Other State Funds Source*	(d) Total Cost	(e) % Funding Match
(a)	Direct Project Administration Costs	\$175,000	\$0	\$0	\$175,000	0%
(b)	Land Purchase/Easement (N/A)	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$0	\$0	\$0	\$0	0%
(d)	Construction/Implementation	\$0	\$0	\$0	\$0	0%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$0	\$0	\$0	\$0	0%
(f)	Construction Administration	\$0	\$0	\$0	\$0	0%
(g)	Other Costs	\$0	\$0	\$0	\$0	0%
(h)	Construction/Implementation Contingency (5%)	\$0	\$0	\$0	\$0	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$175,000	\$0	\$0	\$175,000	0%