

ATTACHMENT 5: BUDGET SUMMARY

Proposal Budget Summary

The following budget summary provides a budget summary for the overall Proposal as well as a detailed breakdown for each project in the proposal. The budget summaries have been organized for consistency with Attachment 4: Work Plan and Attachment 6: Schedule.

Table 5-1: Summary Budget						
Proposal Title: Westside-Sacramento Drought Funding Application						
Individual Project Title		(a)	(b)	(c)	(d)	(e)
		Requested Grant Amount	Cost Share: Non-State Fund Source* (Funding Match)	Cost Share: Other Fund Source*	Total Cost	% Funding Match (col. b/col. d)
(a)	YCFCWCD Drought Preparedness Canal Modernization Project	\$2,000,000	\$783,000	\$0	\$2,783,000	28%
(b)	Woodland Recycled Water Project	\$2,000,000	\$3,445,740	\$0	\$5,445,740	63%
(c)	LCSD Mt. Hannah Pipeline Water Loss Minimization Project	\$223,500	\$0	\$0	\$223,500	0%
(d)	LCSD Spring Valley Pipeline Water Loss Minimization Project	\$960,000	\$796,000	\$0	\$1,756,000	45%
(e)	LCSD Paradise Valley Water System Intertie and Consolidation Project	\$1,360,000	\$419,000	\$0	\$1,779,000	24%
(f)	Grant Administration and Application	\$457,329	\$0	\$0	\$457,329	0%
(g)	Proposal Total	\$7,000,829	\$5,443,740	\$0	\$12,444,569	44%
(h)	DAC Funding Match Waiver Total		---	---	\$223,500	---
(i)	Grand Total	\$7,000,829	--	---	\$12,221,069	45%

YCFCWCD Drought Preparedness Canal Modernization Project

Project Budget Summary

Table 5-2: Project Budget					
Proposal Title: Westside-Sacramento Drought Funding Application					
Project Title: YCFCWCD Drought Preparedness Canal Modernization					
Project serves a need of a DAC?: Yes					
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	\$0	\$45,000	\$0	\$45,000
(b)	Land Purchase/Easement	\$0	\$3,000	\$0	\$3,000
(c)	Planning/Design/Engineering/Environmental Documentation	\$0	\$135,000	\$0	\$135,000
(d)	Construction/Implementation	\$2,000,000	\$600,000	\$0	\$2,600,000
(e)	Grand Total (Sum rows (a) through (d) for each column)	\$2,000,000	\$783,000	\$0	\$2,783,000
*List sources of funding: See below					

Sources of funding:

- 1 YCFCWCD Funds
- 2 There is no other State funding source

The Yolo County Flood Control and Water Conservation District (YCFCWCD) has prepared a detailed budget for the YCFCWCD Drought Preparedness Canal Modernization Project to support the summary budget shown above. YCFCWCD has examined the grant tasks and deliverables and, based on previous project experience, has taken care to make sure costs are reasonable given currently available information.

- Costs associated with Project Administration and Reporting tasks are based on experiences in managing previous projects that installed the canal system. Administration costs including labor compliance activities are based on estimated hours for the YCFCWCD staff. Hours required to administer grant funds have also been taken into account.
- Land Purchase/Easement Costs are based on the verification of access.
- The primary cost in the Planning/Design/Engineering/Environmental Documentation budget category is design. Design is 100% complete for gates based on YCFCWCD field testing and the well design is an estimated 60% complete and based on actual and projected future costs. The budget includes \$5,000 to cover any incidental permits, though all known permits have already been procured. Environmental documentation has been allotted \$5,000, to be completed by YCFCWCD. Assessment and evaluation has already been completed and has an estimated cost of \$50,000 for previous data collection, GWMP, studies, and feasibility reports.
- Costs for actual construction are based on estimates from previous project experience during extensive field testing of gates and meters and on local drilling costs. Additional and comparable construction-related costs, such as those for materials testing, well drilling and equipping, gate installation, inspection, have been taken into account. The primary costs for construction is based on the amount of new pre-manufactured gates that will be installed and the two (2) new wells. Costs have been adjusted based on considerations for size, materials, economies of scale, project location and accessibility, and constructability.

Woodland Recycled Water Project

Project Budget Summary

Table 5-3: Project Budget				
Proposal Title: Westside-Sacramento Drought Funding Application				
Project Title: Woodland Recycled Water Project				
Project serves a need of a DAC?: Yes				
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	\$0	\$51,300	\$0	\$51,300
(b) Land Purchase/Easement	\$0	\$3,000	\$0	\$3,000
(c) Planning/Design/Engineering/Environmental Documentation	\$0	\$442,440	\$0	\$442,440
(d) Construction/Implementation	\$2,000,000	\$2,949,000	\$0	\$4,949,000
(e) Grand Total (Sum rows (a) through (d) for each column)	\$2,000,000	\$3,445,740	\$0	\$5,445,740
*List sources of funding: See below				

Sources of funding:

- 1 City of Woodland Funds
- 2 There is no other State funding source

The City of Woodland has prepared a detailed budget for the Woodland Recycled Water Project to support the summary budget shown above. City of Woodland has examined the grant tasks and deliverables and, based on previous project experience, has taken care to make sure costs are reasonable given currently available information.

- Costs associated with Administration, Labor Compliance, and Reporting tasks are estimated based on similar project administration experiences. These costs have also been adjusted based on the size of the project, available staff, and projected work to administer the grant.
- Land Purchase/Easement Costs are based on the land access for on-site retrofits.
- The primary cost in the Planning/Design/Engineering/Environmental Documentation budget category is design. Design is estimated 10% complete and cost to completion is based on project scope and past projects similar to this. The budget includes \$10,000 and \$40,000 for permitting and environmental documentation, respectively. Because this project involves recycled water, costs for additional reports such as the Title 22 Engineering Report will be required. Assessment and evaluation is estimated 60% complete and has an estimated cost of \$102,440 from previous data collection, recycled water feasibility reports, and studies.
- Costs for actual construction are based on estimates from previous project experience. Additional construction-related costs, such as those for materials testing, pipeline inspection, and pump station improvements have been taken into account. The primary costs for construction is based on the amount of new pipeline that needs to be installed and the large quantity of pavement that must also be replaced. Costs have been adjusted based on considerations for size, materials, economies of scale, project location and accessibility, and constructability.

Mt. Hannah Pipeline Water Loss Minimization Project

Project Budget Summary

Table 5-4: Project Budget					
Proposal Title: Westside-Sacramento Drought Funding Application Project Title: Mt. Hannah Pipeline Water Loss Minimization Project Project serves a need of a DAC?: Yes Funding Match Waiver request?: Yes					
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	\$10,000	\$0	\$0	\$10,000
(b)	Land Purchase/Easement	\$3,000	\$0	\$0	\$3,000
(c)	Planning/Design/Engineering/Environmental Documentation	\$23,500	\$0	\$0	\$23,500
(d)	Construction/Implementation	\$187,000	\$0	\$0	\$187,000
(e)	Grand Total (Sum rows (a) through (d) for each column)	\$223,500	\$0	\$0	\$223,500
*List sources of funding: See below					

Sources of funding:

1 There is no other State funding source

The Lake County Special Districts (LCS D) has prepared a detailed budget for the Mt. Hannah Pipeline Water Loss Minimization Project to support the summary budget shown above. LCS D has examined the grant tasks and deliverables and, based on previous project experience, has taken care to make sure costs are reasonable given currently available information.

- Costs associated with Administration, Labor Compliance, and Reporting tasks are estimated based on similar project administration experiences. These costs have also been adjusted based on the size of the project, available staff, and projected work to administer the grant.
- Land Purchase/Easement Costs are based on the verification of easements.
- The primary cost in the Planning/Design/Engineering/Environmental Documentation budget category is design. Design is estimated 80% complete and therefore design costs are based on actual costs plus projected remaining cost to complete. The budget includes \$500 to cover any additional unforeseen permits, though all permits have already been procured. Environmental documentation has been allotted \$2,000, but this is primarily for contingency because the project is projected to be exempt from CEQA. Assessment and evaluation has already been completed and has an estimated cost of \$6,000.
- Costs for actual construction are based on estimates from previous project experience. Additional construction-related costs, such as those for materials testing, pipeline, inspection, have been estimated based on costs for similar projects. Costs have been adjusted based on considerations for size, materials, economies of scale, project location and accessibility, and constructability. Because this project is relatively small, in a mountainous region, and the Mount Hannah is relatively isolated, it is expected that there will be a relatively low number of bids at a relatively high unit cost.

Spring Valley Pipeline Water Loss Minimization Project

Project Budget Summary

Table 5-5: Project Budget

Proposal Title: Westside-Sacramento Drought Funding Application
Project Title: Spring Valley Pipeline Water Loss Minimization Project
 Project serves a need of a DAC?: Yes
 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	\$0	\$23,000	\$0	\$23,000
(b)	Land Purchase/Easement	\$0	\$3,000	\$0	\$3,000
(c)	Planning/Design/Engineering/Environmental Documentation	\$0	\$45,000	\$0	\$45,000
(d)	Construction/Implementation	\$960,000	\$725,000	\$0	\$1,685,000
(e)	Grand Total (Sum rows (a) through (d) for each column)	\$960,000	\$796,000	\$0	\$1,756,000

*List sources of funding: See below

Sources of funding:

- 1 Lake County Special Districts Funds
- 2 There is no other State funding source

The LCSD has prepared a detailed budget for the Spring Valley Pipeline Water Loss Minimization Project to support the summary budget shown above. LCSD has examined the grant tasks and deliverables and, based on previous project experience, has taken care to make sure costs are reasonable given currently available information.

- Costs associated with Administration, Labor Compliance, and Reporting tasks are estimated based on similar project administration experiences. These costs have also been adjusted based on the size of the project, available staff, and projected work to administer the grant.
- Land Purchase/Easement Costs are based on the verification of existing easements.
- The primary cost in the Planning/Design/Engineering/Environmental Documentation budget category is design. Design is estimated 50% complete and therefore design costs are based on actual and future projected costs. The budget includes \$5,500 and \$1,500 for permitting and environmental documentation respectively. There are no required permits for this project but a cost has been allotted as contingency in the case that unforeseen permits are required. Assessment and evaluation has been completed and has an estimated cost of \$6,000 from previous data collection and studies.
- Costs for actual construction are based on estimates from previous project experience. Additional construction-related costs, such as those for materials testing, pipeline, pavement replacement, and inspection, have been estimated based on costs for similar projects. Costs have been adjusted based on considerations for size, materials, economies of scale, project location and accessibility, and constructability.

Paradise Valley Water System Intertie and Consolidation Project

Project Budget Summary

Table 5-6: Project Budget					
Proposal Title: Westside-Sacramento Drought Funding Application Project Title: Paradise Valley Water System Intertie and Consolidation Project 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	\$0	\$23,000	\$0	\$23,000
(b)	Land Purchase/Easement	\$0	\$3,000	\$0	\$3,000
(c)	Planning/Design/Engineering/Environmental Documentation	\$0	\$306,100	\$0	\$306,100
(d)	Construction/Implementation	\$1,360,000	\$86,900	\$0	\$1,446,900
(e)	Grand Total (Sum rows (a) through (d) for each column)	\$1,360,000	\$419,000	\$0	\$1,779,000
*List sources of funding: See below					

Sources of funding:

- 1 Lake County Special Districts Funds
- 2 There is no other State funding source

The LCS D has prepared a detailed budget for Paradise Valley Water System Intertie and Consolidation Project to support the summary budget shown above. LCS D has examined the grant tasks and deliverables and, based on previous project experience, has taken care to make sure costs are reasonable given currently available information.

- Costs associated with Administration, Labor Compliance, and Reporting tasks are estimated based on similar project administration experiences. These costs have also been adjusted based on the size of the project, available staff, and projected work to administer the grant.
- Land Purchase/Easement Costs are based on the verification of easements.
- The primary cost in the Planning/Design/Engineering/Environmental Documentation budget category is design. Design is estimated 80% complete and therefore design costs are based on actual and project future costs. The budget includes \$38,000 and \$35,000 for permitting and environmental documentation respectively. These costs cover any additional CEQA documents as required as well as previously completed permits and documentation. Assessment and evaluation has already been completed and has an estimated cost of \$70,000 from previous data collection, consultant feasibility reports, and studies.
- Costs for actual construction are based on estimates from previous project experience. Additional construction-related costs, such as those for materials testing, pipeline, traffic control, pavement replacement, tank construction, and inspection, have been estimated based on costs for similar projects. Costs have been adjusted based on considerations for size, materials, economies of scale, project location and accessibility, and constructability.

Grant Administration and Application

Project Budget Summary

Table 5-7: Project Budget					
Proposal Title: Westside-Sacramento Drought Funding Application					
Project Title: Grant Administration and Application					
Project serves a need of a DAC?: Yes					
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	\$457,329	\$0	\$0	\$457,329
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0
(c)	Planning/Design/Engineering/Environmental Documentation	\$0	\$0	\$0	\$0
(d)	Construction/Implementation	\$0	\$0	\$0	\$0
(e)	Grand Total (Sum rows (a) through (d) for each column)	\$457,329	\$0	\$0	\$457,329
*List sources of funding: See below					

Sources of funding:

1 No local funds are anticipated for this task

The Grant Administration and Application project includes grant administration estimated at 3% of the total of the five implementation project costs of \$11,918,140 or \$357,544 and the preparation of the grant application at a cost of \$99,785 or \$19,957/implementation project. The total of these two items is \$457,329.

- Grant Administration costs will be associated with Administration and Reporting tasks and are estimated based on a percentage basis for similar project administration experiences.
- Grant application costs are based on a breakdown prepared by the grant application consultant based on similar experiences preparing grant applications.