

ATTACHMENT 5

BUDGET SUMMARY



**East Contra Costa County
2014 IRWM Drought Grant Proposal**

**ATTACHMENT 5 –
BUDGET SUMMARY**

In accordance with the PSP, this attachment includes:

- ✓ The estimated capital costs of each project in the grant application;
- ✓ A brief description describing how the budget shown is reasonable, based on current available information; and
- ✓ A proposal budget summary.

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Project Budget Summary

Project #1 – CCWD-BBID Regional Intertie

Project Budget Table

Table 7 – Project Budget					
Proposal Title: East Contra Costa County 2014 IRWM Drought Grant Proposal					
Project Title: CCWD-BBID Regional Intertie					
Project serves a need of a DAC?: Yes No X					
Funding Match Waiver request?: Yes No X					
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		\$13,000		\$13,000
(b)	Land Purchase/Easement		\$24,000		\$24,000
(c)	Planning/Design/Engineering/Environmental Documentation		\$179,000		\$179,000
(d)	Construction/Implementation	\$569,000	\$285,000		\$854,000
(e)	Grand Total (Sum rows (a) through (d) for each column)	\$569,000	\$501,000		\$1,070,000
*List sources of funding: <i>Use as much space as required</i> CCWD General Fund BBID General Fund					

CCWD-BBID Regional Intertie Project Budget Description

(a) Direct Project Administration Budget

The \$13,000 budget for Direct Project Administration shown in the previous table includes \$5,000 for Task 1 – Administration; \$2,000 for Task 2 – Labor Compliance Program; and \$6,000 for Task 3 – Reporting.

(b) Land Purchase/Easement Budget

All necessary land and easements for the project have already been secured. The \$24,000 budget for Land Acquisition is for verification of easements and review of construction plans by a real property agent. It also covers costs for developing agreements with adjacent property owners for temporary access.

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

The \$179,000 budget for the Planning/Design/Env. Documentation includes:

- \$19,000 for Task 5 – Planning. Technical planning for the project is complete. This budget is for negotiation of an agreement between CCWD and BBID for ownership, operation and cost sharing of the intertie.
- \$156,000 for Task 6 – Design. This cost reflects the budget estimate included in the June 13, 2014 task order for CH2M Hill to complete the preliminary and final design of this project (see **Attachment 3, Appendix A-2**)
- \$4,000 for Task 7 – Environmental Documentation. This cost is for the preparation and filing of a Notice of Exemption for the project.

(d) Construction/Implementation Budget

The \$854,000 budget for the Construction task includes: \$5,000 for Task 9 – Construction Contracting, \$797,000 for Task 10 – Construction, \$5,000 for Task 11 – Environmental Compliance/Mitigation; and \$47,000 for Task 12 – Construction Administration.

The construction cost estimate was developed based on a preliminary construction cost estimate prepared by the design consultant and includes a 30% contingency.

(e) Total Budget

The total budget for the CCWD-BBID Regional Intertie project is \$1,070,000. Of this amount, \$568,400 is being requested in grant funding to assist with design and implementation of the regional intertie, and \$501,000 would be provided as a funding match.

Project #2 – DWD Leak Detection and Repair

Project Budget Table

Table 7 – Project Budget					
Proposal Title: East Contra Costa County 2014 IRWM Drought Grant Proposal					
Project Title: DWD Leak Detection and Repair					
Project serves a need of a DAC?: Yes No X					
Funding Match Waiver request?: Yes No X					
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		\$7,000		\$7,000
(b)	Land Purchase/Easement				\$0
(c)	Planning/Design/Engineering/Environmental Documentation		\$14,000		\$14,000
(d)	Construction/Implementation	\$150,000	\$29,000		\$179,000
(e)	Grand Total (Sum rows (a) through (d) for each column)	\$150,000	\$50,000	\$0	\$200,000
*List sources of funding: <i>Use as much space as required</i> DWD's General Fund					

DWD Leak Detection and Repair Project Budget Description

(a) Direct Project Administration Budget

The \$7,000 budget for Direct Project Administration shown in the previous table includes \$2,000 for Task 1 – Administration; \$3,000 for Task 2 – Labor Compliance Program; and \$2,000 for Task 3 – Reporting. This cost is less than 5% of the total project cost, which is typical of straight-forward maintenance projects like leak detection and repair.

(b) Land Purchase/Easement Budget

No budget is assigned to this item because all of the work will be completed in public rights-of-way.

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

The \$14,000 budget for the Planning/Design/Env. Documentation includes:

- \$7,000 for Task 5 – Planning. This cost is based on a quote received from a Leak Detection consultant to perform leak detection services on 10 miles of DWD’s distribution system.
- \$4,000 for Task 6 – Design. This task would be performed by DWD staff and involves pulling together boiler-plate details (e.g., pavement design) and information regarding depth to pipe and nature of the repair work for a bid package. The cost is typical for DWD’s leak repair projects.
- \$2,000 for Task 7 – Environmental Documentation. This task would be performed by DWD staff and involves preparation of a NOE for the leak repair work and filing it with the County clerk. This cost is typical of other projects where DWD has prepared an NOE.
- \$1,000 for Task 8 – Permitting. This cost would cover DWD staff time and expense associated with securing an encroachment permit from the City of Oakley to perform the repair work.

(d) Construction/Implementation Budget

The \$179,000 budget for the Construction task includes: \$2,000 for Task 9 – Construction Contracting, \$175,000 for Task 10 – Construction, and \$2,000 for Task 12 – Construction Administration.

This cost estimate was developed based on a review of recent leak repair projects undertaken within DWD’s service area. The magnitude of each repair and the associated costs were evaluated, and from this data DWD was able to determine an appropriate cost for this Project, which is anticipated to include repair of 10 leaking water mains and 3 leaking valves.

(e) Total Budget

The total budget for the DWD Leak Detection and Repair project is \$200,000. Of this amount, \$150,000 is being requested in grant funding to assist with implementing the leak repair work, and \$50,000 would be provided as a funding match by DWD.

Project #3 – ISD Irrigation and Recycled Water Fill Station

Project Budget Table

Table 7 – Project Budget					
Proposal Title: East Contra Costa County 2014 IRWM Drought Grant Proposal					
Project Title: ISD Irrigation and Recycled Water Fill Station					
Project serves a need of a DAC?: Yes No X					
Funding Match Waiver request?: Yes No X					
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		\$3,000		\$3,000
(b)	Land Purchase/Easement		\$0		\$0
(c)	Planning/Design/Engineering/Environmental Documentation		\$3,000		\$3,000
(d)	Construction/Implementation	\$75,000	\$19,000		\$94,000
(e)	Grand Total (Sum rows (a) through (d) for each column)	\$75,000	\$25,000		\$100,000
*List sources of funding: <i>Use as much space as required</i> ISD Capital Expenditure account					

ISD Irrigation and Recycled Water Fill Station Project Budget Description

(a) Direct Project Administration Budget

The \$3,000 budget for Direct Project Administration shown in the previous table includes \$500 for Task 1 – Administration; \$2,000 for Task 2 – Labor Compliance Program; and \$500 for Task 3 – Reporting. This cost is only 3% of the total project cost, which is reasonable considering that (1) all planning and design will be done in-house; and (2) the construction of this project is straight-forward and will be entirely within District property.

(b) Land Purchase/Easement Budget

No budget is assigned to this item because all of the work will be constructed on ISD-owned property.

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

The \$3,000 budget for the Planning/Design/Env. Documentation includes:

- \$1,200 for Task 5 – Planning. This task would be performed by ISD staff and involves preparing a Preliminary Design Report for the project.
- \$1,700 for Task 6 – Design. This task would be performed by ISD staff and involves preparing plans and specs for use in the bid package. Given the nature of the project, the level of effort for this design is minimal, with 20 pages of specifications and 1 design drawing anticipated.
- \$100 for Task 7 – Environmental Documentation. This task would be performed by ISD staff and involves preparation of a NOE for the project and filing it with the County clerk. This cost is typical of other projects where ISD has prepared an NOE.

(d) Construction/Implementation Budget

The \$94,000 budget for the Construction task includes: \$500 for Task 9 – Construction Contracting, \$93,000 for Task 10 – Construction, and \$500 for Task 12 – Construction Administration.

The \$93,000 construction cost estimate includes:

- \$5,000 for mobilization/demobilization costs
- \$20,000 for constructing the Recycled Water Fill Station
- \$60,000 for installing 1,500 feet of 8-in piping; and
- \$8,000 for construction contingency (note that project will be constructed entirely within District-owned property in accordance with design documents prepared by ISD staff, thereby lowering risk of changed or unforeseen conditions).

(e) Total Budget

The total budget for the ISD Irrigation and Recycled Water Fill Station project is \$100,000. Of this amount, \$75,000 is being requested in grant funding to assist with construction of the recycled water project, and \$25,000 would be provided as a funding match by ISD.

Proposal Budget Summary

Table 8 presents the summary budget for the entire proposal. The table also includes \$30,000 for grant administration (less than 5% of the grant request). As shown in this table, the total cost of the proposal is **\$1,400,000**, with **\$824,000** requested in grant funding and **\$576,000 (41%)** offered as a funding match.

Table 8 – Summary Budget						
Proposal Title: East Contra Costa County 2014 IRWM Drought Grant						
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 (Col b/Col d)
(a)	CCWD-BBID Regional Intertie	\$ 569,000	\$ 501,000	\$ -	\$ 1,070,000	47%
(b)	DWD Leak Detection and Repair	\$ 150,000	\$ 50,000	\$ -	\$ 200,000	25%
(c)	ISD Irrigation and Recycled Water Fill Station	\$ 75,000	\$ 25,000	\$ -	\$ 100,000	25%
(e)	Proposal SubTotal <i>Sum rows (a) through (d) for each column</i>	\$ 794,000	\$ 576,000	\$ -	\$ 1,370,000	42%
(f)	DAC Funding Match Waiver Total	-	-	-	-	
	Grant Administration	\$ 30,000			\$ 30,000	
(g)	Grand Total <i>Subtract row (f) from row (e) for column (d) and recalculate column (e)</i>	\$ 824,000	\$ 576,000	\$ -	\$ 1,400,000	41%