



ATTACHMENT 3    Work Plan

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**Att4\_2015IRWM\_Budget\_1of2**

## Attachment 4 – Budget

Budgets for the SSJID West Basin Water Reuse Project are taken from 2014 contractor bids, updated to 2015 cost levels. Budgets for the SSJID On-Farm Conservation Program are based on actual costs from Program operation in 2011 through 2014 (see Att4\_2015IRWM\_Budget\_2of2).

The summary budget is presented for each project, followed by a detailed budget which includes each task in Attachment 3.

### Summary Project Budgets:

Table 8.1 – Project Budget					
Proposal Title: Eastern San Joaquin Region 2015 IRWM Implementation Grant Application					
Project Title: Project 1 - SSJID West Basin Water Reuse 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	\$64,440	\$21,480	\$0	\$85,920
(b)	Land Purchase/Easement	\$0	\$156,364	\$0	\$156,364
(c)	Planning/Design/Engineering/Environmental Documentation	\$418,860	\$225,540	\$0	\$644,400
(d)	Construction/Implementation	\$3,500,373	\$924,507	\$0	\$4,424,880
(e)	Grand Total (Sum rows (a) through (d) for each column)	\$3,983,673	\$1,327,891	\$0	\$5,311,564

\*Sources of funding: Local Cost Share will be from SSJID funds. Please see Appendix 4-1 for Bid Sheets.

Table 8.2 – Project Budget					
Proposal Title: Eastern San Joaquin Region 2015 IRWM Implementation Grant Application					
Project Title: Project 2 - SSJID On-Farm Water Conservation 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	\$25,000	\$5,000	\$0	\$30,000
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0
(c)	Planning/Design/Engineering/Environmental Documentation	\$0	\$0	\$0	\$0
(d)	Construction/Implementation	\$443,000	\$265,000	\$0	\$708,000
(e)	Grand Total (Sum rows (a) through (d) for each column)	\$468,000	\$270,000	\$0	\$738,000

\*Sources of funding: Local cost share has been committed by SSJID Board prior to suspension of the program.  
Note: Please see Appendix 4-1 Att4\_2015IRWM\_Budget\_2of2 for explanations of cost.

## Detailed Project Budgets:

Table 8.1 – Project Budget (expanded)					
Proposal Title: Eastern San Joaquin Region 2015 IRWM Implementation Grant Application					
Project Title: Project 1 - SSJID West Basin Water Reuse 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
Category (a): Direct Project Administration	Task 1: Administration	\$48,330	\$16,110	\$0	\$64,440
	Task 2: Labor Compliance Program	\$8,055	\$2,685	\$0	\$10,740
	Task 3: Reporting	\$8,055	\$2,685	\$0	\$10,740
Category (b): Land Purchase/ Easement	Task 4: Land Acquisition	\$0	\$156,364	\$0	\$156,364
Category (c): Planning/Design/ Engineering/ Environmental Documentation	Task 5: Assessment and Evaluation	\$32,220	\$10,740	\$0	\$42,960
	Task 6: Final Design	\$322,200	\$107,400	\$0	\$429,600
	Task 7: Environmental Documentation	\$0	\$85,920	\$0	\$85,920
	Task 8: Permitting	\$64,440	\$21,480	\$0	\$85,920
Category (d): Construction/ Implementation	Task 9: Construction Contracting	\$48,330	\$16,110	\$0	\$64,440
	Task 10: Construction				
	Subtask 10.1 Mobilization and Site Preparation	\$187,500	\$62,500	\$0	\$250,000
	Subtask 10.2: Construction by Contractor				
	Subtask 10.2a: Construct West Basin Pressure and Flood Basin Pump Stations Structure	\$418,816	\$106,184	\$0	\$525,000
	Subtask 10.2b: Construct West Basin Pressure and Flood Pump Station Equipment, Piping, and Valving	\$578,364	\$146,636	\$0	\$725,000
	Subtask 10.2c: West Basin Site Work	\$518,533	\$131,467	\$0	\$650,000
	Subtask 10.2d: Construct West Basin Well, complete	\$358,985	\$91,015	\$0	\$450,000
	Subtask 10.2e: Construct 24" Pressure Main Piping On-Site	\$43,876	\$11,124	\$0	\$55,000
	Subtask 10.2f: Construct 36", 42", 48" Pipeline and Junction Boxes. from West Basin Facilities to Existing Facilities	\$219,380	\$55,620	\$0	\$275,000
	Subtask 10.2g: Construct West Basin Control Building	\$79,774	\$20,226	\$0	\$100,000
	Subtask 10.2h: Construct Electrical and Instrumentation	\$789,766	\$200,234	\$0	\$990,000
	Subtask 10.2i: Construct Flood Basin Pump	\$12,764	\$3,236	\$0	\$16,000
	Subtask 10.2j: Perform Hydro-seeding	\$15,955	\$4,045	\$0	\$20,000
	Subtask 10.3 Miscellaneous Construction Work	\$105,000	\$35,000	\$0	\$140,000
	Subtask 10.4 Performance Testing and Demobilization	\$52,500	\$17,500	\$0	\$70,000
	Task 11: Environmental Compliance/Mitigation/Enhancement/Monitoring	\$22,500	\$7,500	\$0	\$30,000
Task 12: Construction Administration	\$48,330	\$16,110	\$0	\$64,440	
Category (e):	Grand Total	\$3,983,673	\$1,327,891	\$0	\$5,311,564

Table 8.2 – Project Budget ( <i>expanded</i> )					
Proposal Title: Eastern San Joaquin Region 2015 IRWM Implementation Grant Application Project Title: Project 2 - SSJID On-Farm Water Conservation 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
Category (a): Direct Project Administration	Task 1: Administration	\$25,000	\$0	\$0	\$25,000
	Task 2: Labor Compliance Program – N/A	--	--	--	--
	Task 3: Reporting	\$0	\$5,000	\$0	\$5,000
Category (b): Land Purchase/ Easement	Task 4: Land Acquisition – N/A	--	--	--	--
Category (c): Planning/Design/ Engineering/ Environmental Documentation	Task 5: Assessment and Evaluation – N/A	--	--	--	--
	Task 6: Final Design – N/A b/c Program has already been created and has been run for the last 3 ½ years, but was suspended in February 2014 because of budgetary cuts due to the drought.	--	--	--	--
	Task 7: Environmental Documentation – N/A	--	--	--	--
	Task 8: Permitting – N/A	--	--	--	--
Category (d): Construction/ Implementation	Task 9: Construction Contracting – N/A	--	--	--	--
	Task 10: Implementation				
	Task 10.1: Application period for the cost-share program	\$0	\$6,000	\$0	\$6,000
	Task 10.2: Application approval and grower contracts	\$0	\$12,000	\$0	\$12,000
	Task 10.3: Installation of system/proposed project	\$0	\$12,000	\$0	\$12,000
	Task 10.4 Final inspection and reimbursement	\$443,000	\$235,000	\$0	\$678,000
	Task 10.5 On-Farm measures start operation (start over two seasons)	\$0	\$0	\$0	\$0
	Task 10.6 Monitoring program (assumed no-cost item for monitoring will be done in the course of normal District business)	--	--	--	--
	Task 11: Environmental Compliance/Mitigation/Enhancement – N/A	--	--	--	--
	Task 12: Construction Administration – N/A	--	--	--	--
Category (e):	Grand Total	\$468,000	\$270,000	\$0	\$738,000

**Proposal Budget**

Table 9 – Proposal Budget						
Proposal Title: Eastern San Joaquin Region 2015 IRWM Implementation Grant Application						
	(a)	(b)	(c)	(d)	(e)	
Individual Project Title	Requested Grant Amount	Cost Share: Non-State Fund Source* (Funding Match)	Cost Share: Other State Fund Source*	Total Cost	% Funding Match (col. b/col. d)	
(a)	Grand Total (Sum rows (a) through (h) from Table 7)	Grand Total (Sum rows (a) through (h) from Table 7)	Grand Total (Sum rows (a) through (h) from Table 7)	Grand Total (Sum rows (a) through (h) from Table 7)		
(b)	Project 1 - SSJID West Basin Water Reuse Project	\$3,983,673	\$1,327,891	\$0	\$5,311,564	25%
(c)	Project 2 - SSJID On-Farm Water Conservation Program	\$468,000	\$270,000	\$0	\$738,000	37%
(d)						
(e)	Proposal Total (Sum rows (a) through (h) for each column)	\$4,451,673	\$1,597,891	\$0	\$6,049,564	26%
(f)	DAC Funding Match Waiver Total (Sum column (d) only for projects seeking DAC funding match waiver in rows (a) through (h))	\$0	\$0	\$0	\$0	
(g)	Grand Total (Subtract row (j) from row (i) and recalculate column (e) – Funding Match %)	\$4,451,673	\$1,597,891	\$0	\$6,049,564	26%