



ATTACHMENT 6. SCHEDULE

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Att6_DG_Schedule_1of1

PROJECT SCHEDULE

Project 1 - Stockton Water Consumption Reporting and Customer Engagement WaterSmart Software

Category	Task	Description of Work	Start Date	End Date	
Category (a): Direct Project Administration	Task 1: Administration	All Project management tasks including regular meetings and administration of consultant contracts, contractor compliance, etc.	--	--	
	Task 1.1: Define Project	Meeting to finalize specifics of program	05/27/14	5/27/2014	
	Task 1.2: Notice of Grant Award (assumed)	Grant awards announced	10/16/14	10/16/14	
	Task 1.3: Finalize Scope of Work	Develop contract, agreement, and obtain legal review	10/16/14	10/29/2014	
	Task 1.4: Approve purchase agreement	City Council approval	10/30/14	11/26/2014	
	Task 1.5 Program Launch	Execute Purchase Order	11/27/14	11/27/2014	
	Task 1.6 Project Meetings	Weekly meetings	10/16/14	12/30/2014	
	Task 2: Labor Compliance Program	N/A	--	--	
Category (b): Land Purchase/Easement	Task 3: Reporting	Staff and outside consultant work necessary to track all costs and prepare reports.	10/16/14	3/31/2015	
	Task 4: Land Acquisition	N/A	--	--	
	Category (c): Planning/Design/Engineering/Environmental Documentation	Task 5: Assessment and Evaluation	N/A	--	--
		Task 6: Program Design	N/A	--	--
Task 7: Environmental Documentation		N/A	--	--	
Category (d): Construction/Implementation	Task 8: Permitting	N/A	--	--	
	Task 9: Construction Contracting	N/A	--	--	
	Task 10: Implementation	Install WaterSmart Software	11/27/14	12/31/14	
	Task 11: Environmental Compliance/Mitigation/Enhancement	N/A	--	--	
	Task 12: Construction Administration	N/A	--	--	

Reasonableness of Schedule: The City of Stockton is currently working with WaterSmart Software on implementation. WaterSmart proposed and have committed to the current schedule. The City has completed its research and has confirmed that the time commitment on the City's part is feasible and resources are available for implementation. Neither the City nor WaterSmart feel that the proposed schedule is too aggressive and is obtainable.

Project 2 - SSJID West Basin Water Reuse Project

Category	Task	Description of Work	Start Date	End Date
Category (a): Direct Project Administration	Task 1: Administration	All Project management tasks including regular meetings and administration of consultant contracts, contractor compliance, etc.	10/16/2014	10/13/2015
	Task 2: Labor Compliance Program	Implementation of prevailing wage requirements.	10/16/2014	10/13/2015
	Task 3: Reporting	Staff and outside consultant work necessary to track all costs and prepare reports.	10/16/2014	12/29/2015
Category (b): Land Purchase/Easement	Task 4: Land Acquisition	All costs associated with purchase of land including purchase price.	Completed	Completed
Category (c): Planning/Design/Engineering/Environmental Documentation	Task 5: Assessment and Evaluation	All work related to review and preparation of project assessment reports.	10/16/14	3/3/2015
	Task 6: Final Design	Preparation of revised engineering plans and design changes including all costs associated with planning.	10/16/2014	2/16/2015
	Task 7: Environmental Documentation	All tasks related to additional CEQA compliance for Project including mitigation measures.	Completed	Completed
	Task 8: Permitting	All tasks related to acquisition of permits from state and county agencies. Reactivate existing permits and acquire any new permits required prior to and during construction.	10/16/2014	3/31/2015
Category (d): Construction/Implementation	Task 9: Construction Contracting	All tasks related to preparation of bid documents and tasks related to implementation of bid.	10/16/2014	3/31/2015
	Task 10: Construction	Costs to construct Project based on estimates provided by contractors.	--	--
	Subtask 10.1 Mobilization and Site Preparation	Cost of mobilization, bonds, insurance, and site work.	4/1/2015	10/13/2015
	Subtask 10.2: Construction by Contractor	Costs to construct Project based on estimates provided by contractors.	4/1/2015	10/13/2015
	Subtask 10.3 Miscellaneous Construction Work	Miscellaneous work related to constructing work including traffic control, shoring, survey and submittals.	4/1/2015	10/13/2015
	Subtask 10.4 Performance Testing and Demobilization	All work related to demobilization and tasks necessary to obtain notice of completion.	4/1/2015	10/13/2015
	Task 11: Environmental Compliance/Mitigation/Enhancement	Tasks related to environmental compliance.	4/1/2015	10/13/2015
	Task 12: Construction Administration	All tasks related to inspection and project management.	4/1/2015	10/13/2015

Reasonableness of Schedule:

SSJID believes the schedules to be realistic, reasonable, and accomplishable based on recent past experience with projects that are very similar. The East Basin, part of the Division 9 Irrigation Enhancement Project, was built within a one year time period; the same is expected for this West Basin.

Project 3 - SSJID On-Farm Water Conservation Program

Category	Task	Description of Work	Start Date	End Date
Category (a): Direct Project Administration	Task 1: Administration	Information for this description can also be found in the Administrative Guidelines in the shared file. Acceptance and analysis of applications for completeness and applicability, notifying growers of approval or denial, determine cost-share payment after project has received final inspection, Program budget tracking.	10/16/2014	3/29/16
	Task 2: Labor Compliance Program – N/A	N/A	--	--
	Task 3: Reporting	Reporting budget status to Board of Directors. Submission of all documents requested and required in Grant Agreement.	10/16/2014	6/29/2016
Category (b): Land Purchase/Easement	Task 4: Land Acquisition – N/A	N/A	--	--
Category (c): Planning/Design/Engineering/Environmental Documentation	Task 5: Assessment and Evaluation – N/A	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.	N/A	--	--
	Task 7: Environmental Documentation – N/A	N/A	--	--
	Task 8: Permitting – N/A	N/A	--	--
Category (d): Construction/Implementation	Task 9: Construction Contracting – N/A	N/A	--	--
	Task 10: Implementation		--	--
	Task 10.1: Application period for the cost-share program	Issue, advertise, and accept applications for installation of On-Farm Conservation Measures	10/15/2014	12/2/2014
	Task 10.2: Application approval and grower contracts	Applications are reviewed by engineering, water, and construction departments to ensure plans are to District standards	12/3/2014	12/30/2014
	Task 10.3: Installation of system/proposed project	Installation of project (half assumed prior to 2015 growing season)	12/31/2014	12/29/2015
	Task 10.4 Final inspection and reimbursement	Final inspection by the District Facility Inspector	4/29/2015	4/26/2016
	Task 10.5 On-Farm measures start operation (start over two seasons)	Operational projects (half assumed for 2015 growing season)	4/29/2015	4/26/2016
	Task 11: Environmental Compliance/Mitigation/Enhancement – N/A	N/A	--	--
	Task 12: Construction Administration – N/A	N/A	--	--

Reasonableness of Schedule:

SSJID believes the schedules to be realistic, reasonable, and accomplishable based on recent past experience with projects that are very similar. The On-Farm Water Conservation Program is an on-going, first-come, first-served program that can be structured within any time frame necessary and/or required. It is likely some of the projects applied for will not be complete until between the 2015 and 2016 irrigation seasons.

Project 4 - Cal Water Comprehensive Conservation Program

Category	Task	Description of Work	Start Date	End Date
Category (a): Direct Project Administration	Task 1: Administration	All Project management tasks including regular meetings and administration of consultant contracts, contractor compliance, etc.	10/16/14	10/13/15
	Task 2: Labor Compliance Program	N/A	N/A	N/A
	Task 3: Reporting	Staff and outside consultant work necessary to track project costs, activities, milestones, etc., and prepare reports.	10/16/14	3/30/17
Category (b): Land Purchase/Easement	Task 4: Land Acquisition	N/A	N/A	N/A
Category (c): Planning/Design/Engineering/Environmental Documentation	Task 5: Assessment and Evaluation	Assess and evaluate conservation program market potential, water savings potential, implementation strategy, and staffing and contractor requirements, and cost-effectiveness.	Completed	Completed
	Task 6: Program Design	—	—	—
	Task 6.1: Develop programs other than turf replacement rebate program	Survey and rebate programs other than turf replacement	Completed	Completed
	Task 6.2: Develop turf replacement rebate program	Turf replacement rebate program	06/01/14	08/28/14
	Task 7: Environmental Documentation	N/A	N/A	N/A
	Task 8: Permitting	N/A	N/A	N/A
Category (d): Construction/Implementation	Task 9: Construction Contracting	N/A	—	—
	Task 10: Implementation	Implement water conservation rebate and survey programs	—	—
	Task 10.1: Program Oversight	Cal Water conservation staff will oversee implementation of the conservation programs that comprise this project, including management of vendor services, program outreach and marketing, customer service and complaint resolution, rebate processing and payments, and supply acquisition and inventorying.	01/17/14	12/28/16
	Task 10.2: Vendor Contracting	Project implementation will entail procurement of professional services to implement some of the conservation program elements. Cal Water has already contracted with the following vendors and will identify any additional vendors utilizing the company's procurement process: Waterfluence (Large Landscape Monthly Water Use Reports and Surveys) and Rebate Program back-office processing (ClearResult).	Completed	Completed

Category	Task	Description of Work	Start Date	End Date
	Task 10.3: Program Marketing	Cal Water will market the conservation programs that comprise this project through multiple media channels, including, but not limited to, direct mail, bill inserts, internet websites, print ads, radio, and video. Program marketing will be continuous throughout the life of the project.	01/17/14	12/28/16
	Task 10.4: Launch and Operate Programs	With the exception of the turf replacement rebate program, Cal Water has launched the conservation programs that comprise this project. Cal Water will launch the turf replacement and rebate program October 1, 2014. All programs are scheduled to operate continuously through December 31, 2016.	01/17/14	12/28/16
	Task 11: Environmental Compliance/Mitigation/Enhancement	N/A	N/A	N/A
	Task 12: Construction Administration	N/A	N/A	N/A

Reasonableness of Schedule:

The California Water Service Company (Cal Water) Stockton Comprehensive Conservation Program will implement conservation programs in the City of Stockton needed for immediate drought relief and compliance with the state's 2009 conservation law (20x2020). With the exception of the Turf Replacement Rebate Program, assessment, evaluation, and final program designs are completed and documented in Cal Water's Stockton District Conservation Master Plan (April 2011) and its General Rate Case Settlement with the California Public Utilities Commission, dated October 30, 2013. Assessment of the Turf Replacement Rebate Program was completed in June 2014. Final design is scheduled for completion September 1, 2014 and the program launch is scheduled for October 1, 2014. Thus all of the conservation programs that comprise this project will be initiated well prior to April 1, 2015. The programs are scheduled to operate continuously through December 31, 2016, which is the terminal date of the budget authorization period covered by Cal Water's General Rate Case Settlement.

The project schedule assumes a grant award date of October 16, 2014, per PSP requirements (PSP pg. 27). With the exception of the Turf Replacement Rebate Program, conservation program implementation began in January 2014 and eligible project costs for reimbursement are assumed in the schedule to have a start date of January 17, 2014 (PSP pg. 9). All regulatory approvals and vendor contracting associated with this project have been completed. This project does not require labor compliance monitoring, CEQA/NEPA compliance, permits, or land purchases/easements. These elements are shown as Not Applicable (N/A) in the project schedule.

The schedule includes quarterly reporting on project progress and status. This reporting coincides with quarterly reports Cal Water must file with the California Public Utilities Commission as part of its General Rate Case Settlement. Cal Water already has in place program monitoring, data collection, and reporting protocols needed to generate these reports. A Draft Final Project Report will be prepared within 60 days of Project completion. The Final Project Report will be prepared within 30 days of receiving comments on the Draft Final Project Report. In the schedule it is assumed the Draft Final Project Report will be completed by February 27, 2017 and the Final Project Report will be completed by April 17, 2017, which incorporates a 16 day draft report comment period and 30 days for final report preparation.

PROPOSAL SCHEDULE

An overall summary of the proposal schedule is presented on the next page. Note that only active tasks are shown on this schedule. All projects begin construction or implementation by April 1, 2015.

Eastern San Joaquin Drought Relief Program

Summary Schedule

ID	Task Mode	Task Name	Duration	Start	Finish	2014				2015				2016				2017			
						Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	
0		Eastern San Joaquin Region IRWM Drought Relief Program	835 days?	Fri 1/17/14	Wed 3/29/17																
1		<New Task>																			
2		Notice of Tentative Grant Award (Assumed)	0 wks	Thu 10/16/14	Thu 10/16/14																
3																					
4		Project 1 - Stockton Water Consumption Reporting and Customer Engagement WaterSmart Software	222 days	Tue 5/27/14	Tue 3/31/15																
5		Task 1: Administration	156.5 days	Tue 5/27/14	Tue 12/30/14																
6		Task 1.1: Define Project Meeting	0.1 wks	Tue 5/27/14	Tue 5/27/14																
7		Task 1.2: Notice of Grant Award (assumed)	0 wks	Thu 10/16/14	Thu 10/16/14																
8		Task 1.3: Finalize Scope of Work	2 wks	Thu 10/16/14	Wed 10/29/14																
9		Task 1.4: Approve Purchase Agreement	4 wks	Thu 10/30/14	Wed 11/26/14																
10		Task 1.5 Program Launch	0.1 wks	Thu 11/27/14	Thu 11/27/14																
11		Task 1.6 Project Meetings	10.9 wks	Thu 10/16/14	Tue 12/30/14																
12		Task 3: Reporting	23.9 wks	Thu 10/16/14	Tue 3/31/15																
13		Task 10: Implementation	5 wks	Thu 11/27/14	Wed 12/31/14																
14																					
15		Project 2 - SSJID West Basin Water Reuse Project	315 days	Thu 10/16/14	Tue 12/29/15																
16		Task 1: Administration	52 wks	Thu 10/16/14	Tue 10/13/15																
17		Task 2: Labor Compliance Program	52 wks	Thu 10/16/14	Tue 10/13/15																
18		Task 3: Reporting	63 wks	Thu 10/16/14	Tue 12/29/15																
19		<i>Task 4: Land Acquisition (Completed)</i>																			
20		Task 5: Assessment and Evaluation	20 wks	Thu 10/16/14	Tue 3/3/15																
21		Task 6: Final Design	20 wks	Thu 10/16/14	Tue 3/3/15																
22		<i>Task 7: Environmental Documentation (Completed)</i>																			
23		Task 8: Permitting	24 wks	Thu 10/16/14	Tue 3/31/15																
24		Task 9: Construction Contracting	24 wks	Thu 10/16/14	Tue 3/31/15																
25		Task 10: Construction	140 days	Wed 4/1/15	Tue 10/13/15																
26		Subtask 10.1 Mobilization and Site Preparation	28 wks	Wed 4/1/15	Tue 10/13/15																
27		Subtask 10.2 Project Construction	28 wks	Wed 4/1/15	Tue 10/13/15																
28		Subtask 10.3 Performance Testing and Demobilization	28 wks	Wed 4/1/15	Tue 10/13/15																
29		Task 11: Environmental Compliance/Mitigation/Enhancement	28 wks	Wed 4/1/15	Tue 10/13/15																
30		Task 12: Construction Administration	28 wks	Wed 4/1/15	Tue 10/13/15																
31																					
32		Project 3 - SSJID On-Farm Water Conservation Program	445.5 days	Thu 10/16/14	Wed 6/29/16																
33		Task 1: Administration	76 wks	Thu 10/16/14	Tue 3/29/16																
34		Task 3: Reporting	89.1 wks	Thu 10/16/14	Wed 6/29/16																
35		Task 10: Implementation	400 days	Thu 10/16/14	Tue 4/26/16																
36		Task 10.1: Application period for the cost-share program	7 wks	Thu 10/16/14	Tue 12/2/14																
37		Task 10.2: Application approval and grower contracts	4 wks	Wed 12/3/14	Tue 12/30/14																
38		Task 10.3: Installation of system/proposed project	52 wks	Wed 12/31/14	Tue 12/29/15																
39		Task 10.4 Final inspection and reimbursement	52 wks	Wed 4/29/15	Tue 4/26/16																
40		Task 10.5 On-Farm measures start operation (start over two seasons)	52 wks	Wed 4/29/15	Tue 4/26/16																
41																					

Project: Eastern San Joaquin Region Date: Thu 7/17/14	Task		Project Summary		Inactive Milestone		Manual Summary Rollup		Deadline	
	Split		External Tasks		Inactive Summary		Manual Summary		Progress	
	Milestone		External Milestone		Manual Task		Start-only			
	Summary		Inactive Task		Duration-only		Finish-only			

Eastern San Joaquin Drought Relief Program

Summary Schedule

ID	Task Mode	Task Name	Duration	Start	Finish	2014				2015				2016				2017			
						Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	
42		Project 4 - CalWater Comprehensive Conservation Program	835 days	Fri 1/17/14	Wed 3/29/17																
43		Task 1: Administration	52 wks	Thu 10/16/14	Tue 10/13/15																
44		Task 3: Reporting	1 day	Wed 3/29/17	Wed 3/29/17																
45		Task 5: Assessment and Evaluation (Completed)																			
46		Task 6: Program Design	64 days	Sun 6/1/14	Thu 8/28/14																
47		Task 6.1: Develop programs other than turf replacement rebate program (Completed)																			
48		Task 6.2: Develop turf replacement rebate program	13 wks	Sun 6/1/14	Thu 8/28/14																
49		Task 10: Implementation	154 wks	Fri 1/17/14	Wed 12/28/16																
50		Task 10.1: Program Oversight	154 wks	Fri 1/17/14	Wed 12/28/16																
51		Task 10.2: Vendor Contracting (Completed)																			
52		Task 10.3: Program Marketing	154 wks	Fri 1/17/14	Wed 12/28/16																
53		Task 10.4: Launch and Operate Programs	154 wks	Fri 1/17/14	Wed 12/28/16																

Project: Eastern San Joaquin Regio Date: Thu 7/17/14	Task		Project Summary		Inactive Milestone		Manual Summary Rollup		Deadline	
	Split		External Tasks		Inactive Summary		Manual Summary		Progress	
	Milestone		External Milestone		Manual Task		Start-only			
	Summary		Inactive Task		Duration-only		Finish-only			

