

Attachment

4

## Santa Barbara County Region

### *IRWM Implementation Grant Proposal*

### *Work Summary*

Attachment 4 consists of the following items:

**Work Summary.** Attachment 4 contains information regarding the tasks that have been and will be performed for each project constituting the proposal.

This Work Plan contains brief summaries of the anticipated tasks necessary to complete each project in the proposal. Each project work plan is organized by the four budget categories, as applicable: (a) Direct Project Administration, (b): Land Purchase/Easement, (c) Planning/Design/Engineering/Environmental Documentation, and (d) Construction/Implementation. Each project work plan also identifies deliverables for each task, and the current status of each deliverable and task. The Work Plan tasks are also consistent with the major tasks and sub-tasks identified in the Budget (Attachment 4) and Schedule (Attachment 5) of this proposal.

## Lake Cachuma Drought Pumping Facility Project

## Work Summary

## Lake Cachuma Drought Pumping Facility Project

The Lake Cachuma Drought Pumping Facility Project (Project) Work Summary Table contains descriptive summaries of the tasks necessary to complete the Project, discusses the deliverables that will be provided, and discusses the current status of the Project, including work already completed.

Task	Description of Work to be Completed for Task (% Complete)	Deliverables	Status
<b>Category (a): Direct Project Administration</b>			
Task 1: Administration	Sub-Grant Agreement with the County of Santa Barbara <b>(0%)</b> Administration of grant funding application <b>(0%)</b> Complete grant application and other documents as necessary <b>(85%)</b>	Contract agreement Invoices for reimbursement Grant application	In progress
Task 2 : Labor Compliance Program	The Labor Compliance Program will be maintained and implemented by the contractor during construction. <b>(0%)</b>	Labor Compliance Program documents	Not yet begun
Task 3: Reporting	Submit reporting documents as required for grant funding. <b>(0%)</b>	Quarterly Progress and Final Reports	Not yet begun
<b>Category (b): Land Purchase/Easement</b>			
Task 4: Land Acquisition	Not Applicable	Not Applicable	Not Applicable
<b>Category (c) Planning/Design/Engineering/Environmental Documentation</b>			
Task 5: Assessment and Evaluation	Assessment of drought contingency including the alternative evaluation, flow velocity to evaluate various elevation levels, and water consumption monthly comparisons <b>(100%)</b> Assessment of the depth of water from the water surface <b>(100%)</b> Intake Tower As-Built drawings <b>(100%)</b>	Cachuma Operation and Maintenance Board Memorandum, Bathymetric Survey, and Intake Tower As-Built drawings	Completed
Task 6: Final Design	Completion of the initial design plan and specifications <b>(100%)</b> Completion of the 75% design plans and specifications <b>(100%)</b> Completion of the 100% project plans and specifications <b>(75%)</b>	Initial Design Plans  75% Design Plans  Final (100%) Design Plans	In progress
Task 7: Environmental Documentation	File Notice of Exemption <b>(100%)</b>	Notice of Exemption	Completed
Task 8: Permitting	Obtain all necessary permits <b>(100%)</b>	CADFW 1600 Permit USACE Permit NMFS Section 7 USFWS Section 7 of the Endangered Species Act SHPO Section 106 of the National Historic Preservation Act Review RWQCB Section 402/401	Completed
<b>Category (d) Construction/Implementation</b>			
Task 9: Construction Contracting	A bid was prepared, advertised, and a contracting consultant was awarded. <b>(100%)</b> A contract was signed with PG&E to supply power to the Project location. <b>(100%)</b>	Bid advertisement, Contract award, PG&E contract, Notice to Proceed, and update project schedule	Completed

	A Notice to Proceed has been issued. <b>(100%)</b> The contractor has updated the project schedule. <b>(100%)</b> Chumash contracting for consultation on-site <b>(60%)</b>		
<b>Task 10: Construction</b>			
Subtask 10.1: Mobilization and Site Preparation	Shutdown Intake Tower in preparation for construction; mobilize to site to implement site controls and install security fencing; procure and prepare materials and equipment for pumps, generator, electrical gear, valves and control, cooling equipment, and intake box; and mobilize barge and crane. <b>(0%)</b>	Monthly Construction Reports	Not yet begun
Subtasks 10.2: Project Construction	Project construction includes installing yard container for electrical gear; excavating silt at intake tower; removing screen at gate; installing intake box, communications equipment, safety buoys and signage; fusing pipe and preparing for shutdown; driving anchor piles at 36" HDPE; and fusing and floating 36" HDPE Pipe; and installing cooling equipment. <b>(0%)</b>	Monthly Construction Reports Final Report Record Drawings	Not yet begun
Subtasks 10.3: Performance Testing and Demobilization	Conduct operational and system testing, restore site, demobilize, and develop a Monitoring Plan. <b>(0%)</b>	Test verification submittals and Project Performance Monitoring Plan	Not yet begun
Task 11: Environmental Compliance / Mitigation / Enhancement	No mitigation or enhancement is required for this Project.	Not Applicable	Not Applicable
Task 12: Construction Administration	Construction Administration will be completed in-house by COMB <b>(0%)</b>	Project closeout memorandum Project log reports Meeting minutes with contractor	Not yet begun

Notes:

CADFW – California Department of Fish and Wildlife  
HDPE – High Density Polyethylene  
NMFS – National Marine Fisheries Service

PG&E – Pacific Gas and Electric Company  
RWQCB – Regional Water Quality Control Board  
SHPO – State Historic Preservation Office  
USACE – United States Army Corps of Engineers  
USFWS – United State Fish and Wildlife Service

Recycled Water Enhancement Project

Work Summary

Recycled Water Enhancement Project

The City of Santa Barbara (City) Recycled Water Enhancement Project (Project) Work Summary Table contains descriptive summaries of the tasks necessary to complete the Project, discusses the deliverables that will be provided, and discusses the current status of the Project, including work already completed.

Task	Description of Work Completed, In Progress or to be Completed for Task (listed as % Complete)	Deliverables	Status
<b>Category (a): Direct Project Administration</b>			
Task 1: Administration	Project administration activities will be performed by the City of Santa Barbara Public Works Department and will include the development of financing, grant administration, and execution of grant contract. <b>(50%)</b>  Grant application preparation will be conducted by a consultant prior to grant award. <b>(85%)</b>	Invoices for reimbursement, development of financing, execution of grant contract, and completion of grant application and other documents as necessary to receive grant award	In progress
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. The Third-Party Administrator will assist the City in oversight of contractor compliance with the Code of Federal Regulations. <b>(0%)</b>	Labor Compliance Program documents	Not yet begun
Task 3: Reporting	Submit reporting documents as required for grant funding. <b>(0%)</b>	Quarterly Progress and Final Reports	Not yet begun
<b>Category (b): Land Purchase/Easement</b>			
Task 4: Land Acquisition	Not applicable	Not applicable	Not applicable
<b>Category (c) Planning / Design / Engineering / Environmental Documentation</b>			
Task 5: Assessment and Evaluation	Various studies have been performed to support the science behind and the need for the Project: Carollo Engineers. July 2008. <i>El Estero Wastewater Treatment Plant, Tertiary Filter Rehabilitation Project, Final Technical Memorandum</i> . Prepared for the City of Santa Barbara. <b>(100%)</b> Carollo Engineers. August 2009. <i>City of Santa Barbara Water Supply Planning Study, Final</i> . <b>(100%)</b> City of Santa Barbara. June 14, 2011. <i>Long-Term Water Supply Plan</i> . <b>(100%)</b> CDM Smith. February 19, 2013. <i>El Estero Wastewater Treatment Plant Tertiary Filtration Facility, Engineering Assessment and Preliminary Design Services, Tertiary Filtration Facility Preliminary Design Report</i> . <b>(100%)</b> <i>South Coast Recycled Water Development Plan</i> . December 2013. <b>(100%)</b>	El Estero Wastewater Treatment Plant Tertiary Filter Rehabilitation Project Final TM; City of Santa Barbara Water Supply Planning Study; Long-Term Water Supply Plan, El Estero Wastewater Treatment Plant Tertiary Filtration Facility Engineering Assessment and Preliminary Design Services, Tertiary Filtration Facility Preliminary Design Report; South Coast Recycled Water Development Plan	Completed
Task 6: Final Design	Completion of project plans and specifications. <b>(100%)</b>	60%, 90%, and Final (100%) Design Plans	Completed
Task 7: Environmental Documentation	The Project is exempt from the CEQA. The City has filed for a NOE. Environmental documentation includes the CEQA NOE and Biological and	Copy of environmental documentation filing, including the CEQA NOE.	Completed

Recycled Water Enhancement Project

Work Summary

	Archaeological Study. <b>(100%)</b>		
Task 8: Permitting	Obtain all necessary permits, as needed during the construction phase of the Project, with the exception of the City of Santa Barbara Building Permit. <b>(50%)</b>	Obtained: City of Santa Barbara Building Permit In progress: RWQCB WDR/MRP, Coastal Development Permit, and Santa Barbara County Air Pollution Control District Permits	In progress
<b>Category (d) Construction / Implementation</b>			
Task 9: Construction Contracting	Construction contracting will include conducting the bidding process, awarding the contract and issuing the notice to proceed, and maintaining contract escrow bid documents. Awarding the contract will require City Council approval prior to issuing the Notice to Proceed. The final activities will be maintaining contract escrow bid documents and design support during construction. <b>(75%)</b>	Prepare and distribute bid packages, advertise contract, pre-bid contractors meeting, evaluation of bids, award contract, Notice to Proceed, and contract for escrow bid documents	In progress
Task 10: Construction			
Subtask 10.1: Mobilization and Site Preparation	Movement of personnel, equipment, supplies and incidentals to the Project site, establish construction office and facilities needed for the work, procurement for bonds, insurance and permits, and install construction BMPs. <b>(10%)</b>	Site photos, preconstruction survey, and construction schedule and shop drawings.	In progress
Subtask 10.2: Project Construction	Project construction will include disconnecting the existing filter complex from the system, groundwater dewatering (periodic), cutting, capping, and protecting the existing filter influent and filter effluent pipelines, demolishing the existing filter complex down to the foundation slab, constructing new membrane filtration facility and associated chemical systems, and rehabilitation of the recycled water reservoir. <b>(10%)</b>	Project completion report	In progress
Subtasks 10.3: Performance Testing and Demobilization	Performance testing and demobilization will involve connecting to the system for process unit startup and testing of various operating conditions, cleaning procedures, chemical dosage, water quality, pipe pressure testing, etc. Demobilization involves site cleanup to remove any temporary structures or items used for construction purposes only. A Project Monitoring Plan will be implemented. <b>(0%)</b>	60-day acceptance testing results/report, Project Performance Monitoring Plan	Not yet begun
Task 11: Environmental Compliance/Mitigation/Enhancement	Environmental monitoring is required during the various stages of construction per the Coastal Development Permit. This involves monitoring the work site for various sensitive species during construction, construction BMPs and contractor training. <b>(25%)</b>	Monitoring reports	In progress
Task 12: Construction Administration	The management of the construction contractor includes inspection of work, receipt and recording of as-built drawings, review of submittals, negotiation and approval of change orders, weekly construction reports, administration of project finances, general administration, and risk management. <b>(10%)</b>	Construction contractor agreement for management and inspection	In progress

BMP – Best Management Practices

CEQA – California Environmental Quality Act

MRP – Master Reclamation Permit

NOE – Notice of Exemption

RWQCB – Regional Water Quality Control Board

WDR – Waste Discharge Requirements

### Grant Administration Project

The Santa Barbara County Water Agency (SBCWA) Grant Administration Project (Project) Work Summary Table contains descriptive summaries of the tasks necessary to complete the Project, discusses the deliverables that will be provided, and discusses the current status of the Project, including work already completed.

Task	Description of Work Completed, In Progress or to be Completed for Task (listed as % Complete)	Deliverables	Status
<b>Category (a): Direct Project Administration</b>			
Task 1: Administration	Grant administration activities will be performed by the SBCWA and will include grant administration, and execution of grant contract. <b>(0%)</b>  Grant application preparation will be conducted by a consultant prior to grant award. <b>(85%)</b>	Invoices for reimbursement, execute grant contract, and complete grant application and other documents as necessary to receive grant award	In progress
Task 2 : Labor Compliance Program	Not applicable	Not applicable	Not applicable
Task 3: Reporting	Submit reporting documents as required for grant funding. <b>(0%)</b>	Quarterly Progress and Final Reports	Not yet begun
<b>Category (b): Land Purchase/Easement</b>			
Task 4: Land Acquisition	Not applicable	Not applicable	Not applicable
<b>Category (c) Planning / Design / Engineering / Environmental Documentation</b>			
Task 5: Assessment and Evaluation	Not applicable	Not applicable	Not applicable
Task 6: Final Design	Not applicable	Not applicable	Not applicable
Task 7: Environmental Documentation	Not applicable	Not applicable	Not applicable
Task 8: Permitting	Not applicable	Not applicable	Not applicable
<b>Category (d) Construction / Implementation</b>			
Task 9: Construction Contracting	Not applicable	Not applicable	Not applicable
Task 10: Construction			
Subtask 10.1: Mobilization and Site Preparation	Not applicable	Not applicable	Not applicable
Subtask 10.2: Project Construction	Not applicable	Not applicable	Not applicable
Subtasks 10.3: Performance Testing and Demobilization	Not applicable	Not applicable	Not applicable
Task 11: Environmental Compliance/Mitigation/Enhancement	Not applicable	Not applicable	Not applicable
Task 12: Construction Administration	Not applicable	Not applicable	Not applicable