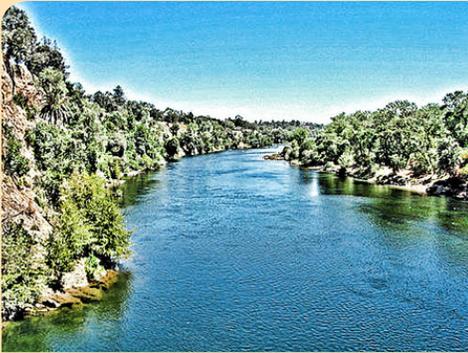


Attachment 4

Work Summary



Attachment 4: Work Summary

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The following sections briefly describe the necessary tasks that result in completed projects. Tasks are organized in the following four budget categories: (a) Direct Project Administration, (b) Land Purchase / Easement, (c) Planning/Design/Engineering/Environmental Documentation, and (d) Construction/Implementation. The status of each task as of July 2014 is shown as a percentage in parentheses after the task name.

Upper Amador Canal Untreated Pipeline Project Work Summary

Category (a): Direct Project Administration

Task 1: Administration (0% complete)

UMRWA, the RWMG for the MAC Region will be responsible for managing and distributing awarded grant funds to the project proponent. Work items to be included under this task include developing the UMRWA and DWR grant agreement, general project administration tasks (completed by UMRWA and AWA), invoicing, status reports to the UMRWA Board, progress meetings through the duration of the project, documents management and schedule review.

Deliverables: DWR grant agreement; Project start-up coordination meeting; Monthly invoices; Reimbursement requests; Project status updates to Board of Directors

Task 2: Labor Compliance Program (0% complete)

Prior to the commencement of any prevailing wage labor, AWA will retain a consultant to prepare an LCP for the Project. Annual reports will be filed with the Department of Industrial Relations, as required.

Deliverables: Labor Compliance Program; Annual reports

Task 3: Reporting (0% complete)

Following execution of the grant agreement, Quarterly Reports, at a minimum, will be prepared assessing the progress and accomplishments of the Project. A Project Completion Report will also be prepared at the end of the project. AWA will keep all records and documents pertaining to the project for three years after project completion.

Deliverables: Quarterly Reports; Project Completion Report

Category (b): Land Purchase/Easement

Task 4: Land Acquisition (0% complete)

Temporary and permanent easements will be acquired under this task. Surveys of the alignment were previously completed but no legal descriptions were prepared. A surveyor will be retained to review the prior surveys and prepare legal descriptions; a certified appraiser will be retained to perform appraisal valuations of the easements; AWA staff will negotiate and acquire all necessary easements.

Deliverables: Temporary and permanent easements

Category (c): Planning/Design/Engineering/Environmental Documentation

Task 5: Assessment and Evaluation (100% complete)

This project is the second phase of a Project once referred to as the Amador Transmission Project. It was envisioned and studied as a two phase project in which the unlined, earthen Amador Canal would be replaced with a pipeline to reduce water loss. Phase 1 included piping 8.8 miles of Amador Canal and is complete. Various planning documents and studies for the Amador Transmission Project were previously prepared.

Deliverables: Multiple planning documents and studies (complete)

Task 6: Final Design (15% complete)

A consultant has started to complete design of the Project through preparation of a hydraulic study. It is approximately 25% complete at this time. Final design will include the design package consisting of the signed plans and specifications.

Deliverables: Final Design Package

Task 7: Environmental Documentation (100% complete)

Environmental documentation for the Amador Transmission Project is complete (this Project is Phase 2 and covered under the Environmental Impact Report (EIR) that was prepared and certified in 2006).

Deliverables: Final EIR (complete); supplemental environmental documentation

Task 8: Permitting (0% complete)

Implementation of the Project will require AWA to acquire an Amador County Encroachment Permit and NPDESS SWPPP. The necessary forms will be completed and submitted to both entities and AWA staff will coordinate, as necessary, to acquire the permits.

Deliverables: Amador County and Caltrans Encroachment Permits

Category (d): Construction/Implementation

Task 9: Construction Contracting (0% complete)

AWA will hire a contractor to complete construction of the Project. AWA will make a public advertisement for bids and conduct a pre-bid contractor's meeting. Once bids are received, AWA will hold a public bid opening, perform an evaluation of bids, and award the construction contract.

Deliverables: Notice to Bidders; Pre-bid contractor's meeting; Summary of Bid Results; Award of contract

Task 10: Construction (0% complete)

The contractor will mobilize its equipment and crew according to the designated staging plan. Under this task, the pipeline will be installed to replace the unlined portion of Amador Canal. Required performance testing, including pressure testing of the pipeline in accordance with Amador Water Agency Standards will be completed upon construction completion. Demobilization will also occur under this subtask.

Deliverables: Inspection reports; Pressure and leak testing report

Task 11: Environmental Compliance/Mitigation/Enhancement (0% complete)

Environmental mitigations and/or enhancements identified in the EIR will be implemented for the Project under this task. Some enhancements include wildlife watering stations, photographs, and educational kiosks. A Monitoring Plan will be prepared for the Project to provide a framework for assessing and evaluating the project performance once it is implemented.

Deliverables: Environmental mitigations/enhancements; Project Performance Monitoring Plan

Task 12: Construction Administration (0% complete)

During construction, an AWA staff member will act as construction manager/inspector for construction administration tasks for the Project. Construction Administration work items include managing construction activities, coordinating with property owners and utilities, serving as primary point of contact for project correspondence, maintaining detailed project records, and inspecting construction.

Deliverables: Communication/correspondence records; Field logs; Project records

Ione WTP Backwash Water Reuse Project Work Summary

Category (a): Direct Project Administration

Task 1: Administration (0% complete)

UMRWA, the RWMG for the MAC Region will be responsible for managing and distributing awarded grant funds to the project proponent. Work items to be included under this task include developing the UMRWA and DWR grant agreement, general project administration tasks (completed by UMRWA and AWA), invoicing, status reports to the UMRWA Board, progress meetings through the duration of the project, documents management and schedule review.

Deliverables: DWR grant agreement; Project start-up coordination meeting; Monthly invoices; Reimbursement requests; Project status updates to Board of Directors

Task 2: Labor Compliance Program (0% complete)

Prior to the commencement of any prevailing wage labor, AWA will retain a consultant to prepare an LCP for the Project. Annual reports will be filed with the Department of Industrial Relations, as required.

Deliverables: Labor Compliance Program; Annual reports

Task 3: Reporting (0% complete)

Following execution of the grant agreement, Quarterly Reports, at a minimum, will be prepared assessing the progress and accomplishments of the Project. A Project Completion Report will also be prepared at the end of the project. AWA will keep all records and documents pertaining to the project for three years after project completion.

Deliverables: Quarterly Reports; Project Completion Report

Category (b): Land Purchase/Easement

Task 4: Land Acquisition (not applicable)

Easement acquisitions and/or right-of-ways are not required for the implementation of the Project. All of the project work will occur on the existing Ione WTP site.

Deliverables: None

Category (c): Planning/Design/Engineering/Environmental Documentation

Task 5: Assessment and Evaluation (100% complete)

AWA hired a consultant to prepare the *Ione WTP Backwash System Improvements Preliminary Design Technical Memorandum (TM)* in March 2014. The TM determined feasibility of reducing the volume of backwash water discharged to the sewer, identified a preferred alternative, and estimated construction costs. The TM also included flow schematics and site layouts.

Deliverables: Preliminary Design TM (complete)

Task 6: Final Design (60% complete)

AWA has retained a consultant that is currently completing design of the Project. As of July 2014, 60% design of the Project is complete. The final design will be completed and consist of the signed plans and specifications.

Deliverables: 60% Design (complete); Final Design Package

Task 7: Environmental Documentation (0% complete)

Environmental documentation for this project is not yet complete. Because the project involves minor alteration of existing facilities at the WTP site, there will be no significant impacts resulting from the project. Therefore, a Categorical Exemption is anticipated for CEQA compliance. The project manager and executive secretary will complete and file the Notice of Exemption (NOE) with the State Clearinghouse and/or County Clerk.

Deliverables: CEQA Notice of Exemption

Task 8: Permitting (0% complete)

Implementation of the Project will require AWA to amend its existing CDPH permit to operate the Plant. The necessary forms will be completed and submitted to CDPH and AWA staff will coordinate, as necessary, to acquire the permit. No additional permits are anticipated to be required.

Deliverables: amended CDPH permit

Category (d): Construction/Implementation

Task 9: Construction Contracting (0% complete)

AWA will hire a contractor to complete construction of the Project. AWA will make a public advertisement for bids and conduct a pre-bid contractor's meeting. Once bids are received, AWA will hold a public bid opening, perform an evaluation of bids, and award the construction contract.

Deliverables: Notice to Bidders; Pre-bid contractor's meeting; Summary of Bid Results; Award of contract

Task 10: Construction (0% complete)

Construction will be completed by the awarded contractor under this task. The crew will mobilize its equipment according to the designated staging plan. Under this task, upgrades and modifications to the Ione WTP will be completed in order to convey backwash water to the headworks of the Plant. Water quality testing will be completed, as required.

Deliverables: Inspection reports; Water quality testing data

Task 11: Environmental Compliance/Mitigation/Enhancement (0% complete)

No anticipated environmental mitigations or enhancements will be required for the Project. Construction will take place in previously disturbed areas at the existing WTP site and will not disturb more than one acre of soil (and therefore will not require coverage under the State's General Stormwater NPDES permit for construction). A Monitoring Plan will be prepared for the Project to provide a framework for assessing and evaluating the project performance once it is implemented.

Deliverables: Project Performance Monitoring Plan

Task 12: Construction Administration (0% complete)

During construction, an AWA staff member will act as construction manager for construction administration tasks for the Project. Construction Administration work items include managing construction activities, coordinating with property owners and utilities, serving as primary point of contact for project correspondence, maintaining detailed project records, and inspecting construction.

Deliverables: Communication/correspondence records; Field logs; Project records