

ATTACHMENT 4: WORK SUMMARY

Yolo County Flood Control and Water Conservation District (YCFCWCD) Drought Preparedness Canal Modernization Project

Below is a summary of the tasks necessary to complete the Yolo County Flood Control and Water Conservation District (YCFCWCD) Drought Preparedness Canal Modernization Project.

Direct Project Administration

Specific tasks related to Direct Project Administration will include Administration, Labor Compliance, and Reporting.

Administration - YCFCWCD serves as both a project proponent and the fiscal agent for the Westside Drought Funding Application, and will be responsible for implementing this project, included in the application. This will include preparing and submitting invoices for this project for submittal to DWR in processing grant funding requests. YCFCWCD would be responsible for any and all project management responsibilities and coordination with its Contractors for this project. The YCFCWCD will retain consultants as needed to implement its project. YCFCWCD will coordinate with consultants and stakeholders, attend meetings, and process performance measures and invoices. The work will be regularly evaluated at monthly project meetings where progress and action items on permitting, design, and/or construction issues will be reviewed and discussed. As detailed work plans and budgets have been prepared, Administration is approximately 15% complete.

Labor Compliance - A consultant shall verify labor compliance in accordance with the requirements of California Labor Code §1771.5(b). The construction contractor will be required to comply with all appropriate laws and requirements. Labor compliance will be performed during construction and therefore is currently 0% complete.

Reporting - Prepare and submit quarterly and final reports as specified in the Grant Agreement. The Quarterly Reports will explain the status of the project and will include the following information: summary of the work completed for the project during the reporting period; activities, milestones achieved, and any problems encountered in performing work; and upcoming project activities. Reporting shall start upon grant award and is therefore 0% complete.

Deliverables - Materials needed to execute the grant agreement, payroll records, quarterly progress reports, final project report, invoices, and other deliverables as required.

Land Purchase/Easement

Not applicable. YCFCWCD has existing rights-of-way or easements along the entire project alignment. Land acquisition is not required for this project. YCFCWCD staff shall provide verification of existing land access for the project. The land purchase/easement task is 90% complete.

Deliverables - verification of land access.

Planning/Design/Engineering/Environmental Documentation

Specific tasks related to Planning/Design/Engineering/Environmental Documentation will include Environmental Documentation, Design, Permitting, and Assessment and Evaluation.

Environmental Documentation - YCFCWCD prepared a CEQA Initial Study/Mitigated Negative Declaration in 2009 for the wells, and the canal gates are categorically exempt because they are replacement of an existing facility. Therefore, all necessary environmental documentation as required is completed however the CEQA documented will be reviewed. Tribal notification and documentation will also be conducted. This task is considered 90% complete.

Design - Includes YCFCWCD staff design of 10 automated canal gates, 20 slide gates, 1 Chapman Outlet gate, 35 SCADA flow meters, and consultant design of 2 wells with 4,500 gpm total capacity. All improvements shall be integrated into existing YCFCWCD SCADA system controls. The design will comply with state construction regulations and standards including ASTM, and consider: traffic control, proposed facility locations with respect to existing public/private utilities, drilling, pavement replacement, maintaining existing utilities during construction and water quality testing. This task is considered 60% complete.

Permitting - A consultant will complete all necessary permitting work for project including well permitting, and enforcement of any required conditions in the field. This task is approximately 30% complete.

Assessment and Evaluation - In 2012 YCFCWCD completed a conjunctive use study identifying improvements to its water system to increase

reliability during drought conditions. In 2013 YCFCWCD completed an update of its AWMP as well as extensive studies of various types of gate automation to improve water management. The result of assessing and evaluating various water management options yielded the preferred project components contained in the funding application. The project will increase average annual water supplies by 14,600 afy. The value of implementing the proposed project benefits YCFCWCD customers as well as other ground-water users in the Region. This task is considered 100% complete.

Deliverables - 2012 Conjunctive Use Study, 2013 AWMP Update, Groundwater Monitoring Plan consultant documentation, any required environmental documentation, staff reports, final design submittals (i.e., gate fabrication; flow-meter design; well design; SCADA equipment, well, pump/motor specifications), Well Permit, and any other permits as necessary.

Construction/Implementation

Specific tasks will include Construction and Implementation/Environmental Compliance and Construction Administration.

Construction Contracting - YCFCWCD staff with consultant support for wells will prepare any and all necessary plans and specifications for project improvements and conduct all bid advertisement and award processes in accordance with the Public Contracting Code. YCFCWCD will conduct a pre-bid meeting during well project bidding phase. This task cannot begin until after grant execution and is 0% complete.

Construction - Automated Gate (10) and Slide Gate (20) Installations - Located in YCFCWCD owned and operated canals. To be installed by staff. This task cannot begin until after grant execution and is 0% complete.

Construction - SCADA flow meters (35) and Chapman Outlet (1) - Located in or adjacent to YCFCWCD owned and operated canals. To be installed by staff. This task cannot begin until after grant execution and is 0% complete.

Construction - Install groundwater wells (2) - Located on YCFCWCD property. Well drilling and equipping to be completed by contractor. This task cannot begin until after grant execution and is 0% complete.

Environmental Compliance/Mitigation/Enhancement - Contractor will be responsible for permit/environmental mitigation measures for the well construction, if any. This task cannot begin until after grant execution and is 0% complete.

Construction Administration - A consultant will support YCFCWCD staff to monitor well construction, perform inspections, ensure labor compliance, review shop drawings/submittals, and pay requests/change order review. This task cannot begin until after grant execution and is 0% complete.

Deliverables - Bid documents, Notice of Award, Notice to Proceed, site photos, inspector logs, record drawings, testing reports, and Notice of Completion.

Woodland Recycled Water Project

Below is a summary of the tasks necessary to complete the Woodland Recycled Water Project.

Direct Project Administration

Specific tasks related to Direct Project Administration will include Administration, Labor Compliance, and Reporting.

Administration - The City of Woodland (City) will be responsible for implementing its Recycled Water Project. This will include preparing and submitting invoices to YCFCWCD (lead Application fiscal agent) for submittal to DWR in processing grant funding requests. The City would be responsible for any and all project management responsibilities and coordination with its Contractors. The City has retained consultants for recycled water permitting, design, and bidding phase services, and will request proposals for construction management and retain a consultant ahead of bidding the project. The City of Woodland will coordinate with consultants and stakeholders, attend meetings, and process invoices. The work will be regularly evaluated at monthly project meetings where progress and action items on permitting, design, and/or construction issues will be reviewed will be discussed. As detailed work plans and budgets have been prepared, Administration is approximately 15% complete.

Labor Compliance - The City of Woodland will retain a consultant to verify labor compliance in accordance with the requirements of California Labor Code §1771.5(b). The construction contractor will be required to comply with all appropriate laws and requirements. Labor compliance will be performed during construction and therefore is currently 0% complete.

Reporting - Prepare and submit quarterly and final reports as specified in the Grant Agreement. The Quarterly Reports will explain the status of the project and will include the following information: summary of the work completed for the project during the reporting period; activities, milestones achieved, and any problems encountered in performing work; and upcoming project activities. The Reporting task is approximately 0% complete.

Deliverables - Materials needed to execute the grant agreement, quarterly progress reports, final project report, and invoices.

Land Purchase/Easement

Not applicable. The City of Woodland has existing rights-of-way or easements along the entire project alignment. Land acquisition is not required for this project. Staff or contractor shall verify existing land access for customer retrofits. This task is approximately 80% complete.

Deliverables - Verification of land access

Planning/Design/Engineering/Environmental Documentation

Specific tasks related to Planning/Design/Engineering/Environmental Documentation will include Environmental Documentation, Design, Permitting, and Assessment and Evaluation.

Environmental Documentation - A mitigated negative declaration for Woodland utility pipelines replacement was certified in early 2014. Need for a supplemental CEQA document will be reviewed and prepared for the new RW pipeline which will have similar impacts.. This task is 50% complete.

Design - Includes design of 20,000 LF of 12" recycled water pipeline along City right-of-ways and easements, boring and jacking beneath Interstate 5, modifications to user facilities to meet cross-connection requirements, pavement replacement, and wastewater facility improvements (a new pump in the existing wet well, variable frequency drive, modifications to the wet well, electrical work, and SCADA). The design will comply with state construction regulations and standards including CDPH, SWRCB, RWQCB, AWWA and ASTM, and consider: traffic control, proposed facility locations with respect to existing public/private utilities, directional drilling, pavement replacement, maintaining existing utilities during construction and water quality testing. This task is 10% complete.

Permitting - A consultant will complete permitting work for the project including the completed General Order Notice of Intent (NOI), description of existing and proposed treatment and storage facilities, copy of the approved Title 22 Engineering Report which will include: description of how recycled water will be used, description of the City's rules and regulations related to recycled water use, description of any additional site specific conditions and/or restrictions not covered in the General Order, copy of any project CEQA documents, City's organization and personnel responsible for the City's water recycling program. An encroachment permit will be required from Caltrans for the trenchless crossing underneath Interstate 5. Need for compliance

with the Statewide Construction General Permit for Stormwater will be evaluated, and compliance documents, including a Stormwater Pollution Protection Plan (SWPPP) will be prepared. This task is estimated 40% complete.

Assessment and Evaluation - In 2014 the City completed a recycled water feasibility study to diversify its water portfolio and increase reliability during drought conditions. The City produces UV disinfected, tertiary treated, Title 22 effluent at its wastewater facility. The report identified high priority sites to serve recycled water that will displace 1,280 afy of potable water supplies. The City has retained a consultant to prepare the Title 22 Report and develop the rules and regulations related to recycled water use.

Title 22 Engineering Report (required by CDPH) will include: existing wastewater facility description (including capacity and treatment process), Title 22 Certification of the UV System at the City's wastewater facility, transmission and distribution system layout and configuration, customer use areas, and development of rules and regulations governing recycled water use in City. This task is approximately 60% complete.

Deliverables - Monitoring and Reporting Plan per RWQCB, Title 22 Engineering Report, consultant documentation, staff reports, design submittals (i.e., 100%), Well Permit, and any other permits as necessary.

Construction/Implementation

Specific tasks will include Construction and Implementation/Environmental Compliance and Construction Administration.

Construction Contracting - Includes bid advertisement, evaluation and Contract award to include all project construction in accordance with Public Contracting Code requirements. City will conduct pre-bid meeting during project bidding phase. This task cannot begin until after grant execution and is 0% complete.

Construction - Mobilization and Site Preparation - This task includes contractor mobilization of equipment, and preparation of the site. The pipeline alignment is in an existing roadway or along a City easement with grasses and a gravel roadway. This task cannot begin until after grant execution and is 0% complete

Construction - Project Construction - New pumps in an existing wastewater treatment plant pump station, 20,000 LF of pipeline, user connections, start-up testing and boring and jacking. This task cannot begin until after grant execution and is 0% complete. This task cannot begin until after grant execution and is 0% complete

Construction - Performance Testing and Demobilization - Hydrostatic pipe testing, pump/electrical start-up testing, SCADA testing, cross-connection testing, and contractor demobilization. This task cannot begin until after grant execution and is 0% complete. This task cannot begin until after grant execution and is 0% complete

Environmental Compliance/Mitigation/Enhancement - Contractor responsible for environmental mitigation measures and SWPPP in construction. This task cannot begin until after grant execution and is 0% complete.

Construction Administration - A construction management firm will monitor construction, perform inspections, ensure labor compliance, review shop drawings/submittals, and pay requests/change order review. This task cannot begin until after grant execution and is 0% complete.

Deliverables - Bid documents, Notice of Award, Notice to Proceed, site photos, inspector logs, record drawings, testing reports, and Notice of Completion.

Lake County Special District (LCSD) Mount Hannah Pipeline Water Loss Minimization Project

Below is a summary of the tasks necessary to complete the LCSD Mount Hannah Pipeline Water Loss Minimization Project.

Direct Project Administration

Specific tasks related to Direct Project Administration will include Administration, Labor Compliance, and Reporting.

Administration - LCSD will be responsible for implementing the pipeline water loss minimization project. This will include preparing and submitting invoices to YCFCWCD, the lead fiscal agent for the application, for submittal to DWR in processing grant funding requests. LCSD would be responsible for any and all project management responsibilities and coordination with its Contractors. LCSD will retain consultants as required for project permitting, design, bidding phase services, and construction services. LCSD will coordinate with consultants and stakeholders, attend meetings, and process performance measures and invoices. The work shall be evaluated at monthly project meetings where progress and action items on permitting, design, and/or construction issues will be reviewed discussed. As detailed work plans and budgets have been prepared, Administration is approximately 15% complete.

Labor Compliance - LCSD shall adhere to labor compliance regulations in accordance with the requirements of California Labor Code §1771.5(b). Labor compliance will be performed during construction and therefore is currently 0% complete.

Reporting - Prepare and submit quarterly and final reports as specified in the Grant Agreement. The Quarterly Reports will explain the status of the project and will include the following information: summary of the work completed for the project during the reporting period; activities, milestones achieved, and any problems encountered in performing work; and upcoming project activities. Reporting shall begin once the grant has been awarded and is therefore 0% complete.

Deliverables - Materials needed to execute the grant agreement, payroll records, quarterly progress reports, final project report, invoices, and other deliverables as required

Land Purchase/Easement

Not applicable. LCSD owns the property and/or has existing rights-of-way or easements along the entire project alignment. Land acquisition is not required for this project. LCSD Staff shall provide verification of existing land access for project. This task is 100% complete.

Deliverables - Verification of land access

Planning/Design/Engineering/Environmental Documentation

Specific tasks related to Planning/Design/Engineering/Environmental Documentation will include Environmental Documentation, Design, Permitting, and Assessment and Evaluation.

Environmental Documentation - Project is exempt from CEQA as it replaces an existing facility and is emergency project. Tribal notification has been evaluated and is not necessary. Therefore this task is considered to be 100% complete.

Design - Includes design of: 900 LF of 6" water transmission main between the system well and storage tank, and pavement replacement. The design will comply with state construction regulations and standards including AWWA and ASTM, and consider: traffic control, proposed facility locations with respect to existing public/private utilities, pavement work, maintaining existing utilities during construction and water quality testing. This project has already entered the design phase and is estimated to be 80% complete.

Permitting - Staff in coordination with consultant have completed all necessary permitting (i.e., encroachment) applications for project and are awaiting final permits. Permitting work is estimated to be 85% complete.

Assessment and Evaluation - The LCSD staff conducted an assessment of water supply challenges and evaluated options to provide safe reliable water supplies to the residents. Staffs have continually collected data and information pertaining to water supply challenges with this water system including: well level data, water production, customer demand, water losses, and precipitation data. LCSD also used consultant service support to conduct the assessment and evaluation work. The proposed project is the recommended solution. Alternatives were evaluated in the assessment and evaluation phase. Staff has been coordinating with CDPH regarding water supply solutions and technical/financial assistance available. This task has already been

conducted and is therefore considered to be 100% complete.

Deliverables - Water system data, consultant documentation, staff reports, design submittals (i.e., 100%), Well Permit, Encroachment Permit, and any other permits as necessary.

Construction/Implementation

Specific tasks will include Construction/Implementation and Construction Administration. Construction Contracting: Using the final bid documents a Request for Proposal (RFP) will be prepared and advertised. RFPs are issued according to Lake County Procurement Policies and include: advertisement of RFP, public bid opening, evaluation of proposals, selection of most qualified, and responsive (typically the lowest) bidder and entering into an agreement and contract. Contract award to include all project construction in accordance with Public Contracting Code and CDPH Drinking Water requirements. City will conduct pre-bid meeting during project bidding phase. This task cannot begin until after grant execution and is 0% complete.

Construction - Mobilization and Site Preparation - This work includes contractor mobilization and initial preparation of the site for construction. The pipeline alignments are on LCSD-owned property and/or within existing easements. This task cannot begin until after grant execution and is 0% complete.

Construction - Project Construction - 900 LF of 6-inch water transmission main, water storage tank connection, water system connection start-up testing and abandonment of existing pipeline. This task cannot begin until after grant execution and is 0% complete.

Construction - Performance Testing and Demobilization - Hydrostatic pipe testing, disinfection, and contractor demobilization. This task cannot begin until after grant execution and is 0% complete.

Environmental Compliance/Mitigation/Enhancement - Project is CEQA exempt therefore no specific environmental mitigation measures are planned, however the Contractor will develop and comply with a SWPPP, as necessary, in construction. This task cannot begin until after grant execution and is 0% complete.

Construction Administration - A construction management firm will monitor construction, perform inspections, ensure labor compliance, review shop drawings/submittals, and pay requests/change order review. This task cannot begin until after grant execution and is 0% complete.

Deliverables - Bid documents, Notice of Award, Notice to Proceed, site photos, inspector logs, record drawings, testing reports, and Notice of Completion.

LCSD Spring Valley Pipeline Water Loss Minimization Project

Below is a summary of the tasks necessary to complete the LCSD Spring Valley Pipeline Water Loss Minimization Project.

Direct Project Administration

Specific tasks related to Direct Project Administration will include Administration, Labor Compliance, and Reporting.

Administration - LCSD will be responsible for implementing the Spring Valley pipeline water loss minimization project. This will include preparing and submitting invoices to YCFCWCD (lead Application fiscal agent) for submittal to DWR in processing grant funding requests. LCSD would be responsible for any and all project management responsibilities and coordination with its Contractors. LCSD will retain consultants as required for project permitting, design, bidding phase services, and construction services. LCSD will coordinate with consultants and stakeholders, attend meetings, and process performance measures and invoices. The work will be regularly evaluated at monthly project meetings where progress and action items on permitting, design, and/or construction issues will be reviewed will be discussed. As detailed work plans and budgets have been prepared, Administration is estimated to be 15% complete.

Labor Compliance - LCSD will retain a consultant to verify labor compliance in accordance with the requirements of California Labor Code §1771.5(b). The construction contractor will be required to comply with all appropriate laws and requirements. Labor compliance will be performed during construction and therefore is currently 0% complete.

Reporting - Prepare and submit quarterly and final reports as specified in the Grant Agreement. The Quarterly Reports will explain the status of the project and will include the following information: summary of the work completed for the project during the reporting period; activities, milestones achieved, and any problems encountered in performing work; and upcoming project activities. Reporting shall begin once the grant has been awarded and is therefore 0% complete.

Deliverables - Materials needed to execute the grant agreement, payroll records, quarterly progress reports, final project report, invoices, and other deliverables as required.

Land Purchase/Easement

Not applicable. The pipeline is located within the existing public right-of-way or easements along the entire pipeline alignment. Land acquisition is not required for this project. LCSD staff shall provide verification of existing land access for project. This task is 100% complete.

Deliverables - verification of land access.

Planning/Design/Engineering/Environmental Documentation

Specific tasks related to Planning/Design/Engineering/Environmental Documentation will include Environmental Documentation, Design, Permitting, and Assessment and Evaluation.

Environmental Documentation - The planned route of the water line will be contained in the Spring Valley County Service Area. The pipeline replacement is categorically exempt while the new pipeline will require additional CEQA documentation, most likely a negative declaration, which will be completed as required. Tribal notification and documentation will also be conducted, as appropriate. This task is approximately 80% complete.

Design - Includes design of: 9,100 LF of new 6" potable water pipeline and the replacement of 7,500 LF of 6" potable water pipeline, and pavement replacement. The design will comply with state construction regulations and standards including CDPH, AWWA and ASTM, and consider: traffic control, proposed facility locations with respect to existing public/private utilities, pavement work, maintaining existing utilities during construction and water quality testing. This task is in progress and is approximately 50% complete.

Permitting - Need for additional permits will be confirmed and permits, will be secured, as required, prior to beginning construction, though preliminary review indicates that there are no required permits expected for this project. This task is approximately 50% complete.

Assessment and Evaluation - The LCSD staff conducted an assessment of water supply challenges and evaluated options to provide safe reliable water supplies to the residents. LCSD staff has collected data and information pertaining to water supply challenges with this water system including: water production, customer demand, and water losses. LCSD also used consultant service support to conduct the assessment and evaluation work including a water distribution system analysis. The proposed

project is the recommended solution. Alternatives were evaluated in the assessment and evaluation phase. This task is 100% complete.

Deliverables - Water system data, consultant documentation, staff reports, feasibility reports, design submittals (i.e., 100%), CEQA documentation, and any other permits as necessary.

Construction/Implementation

Specific tasks will include Construction and Implementation/Environmental Compliance and Construction Administration.

Construction Contracting - Using the final bid documents a Request for Proposal (RFP) will be prepared and advertised. RFPs are issued according to Lake County Procurement Policies and include: advertisement of RFP, public bid opening, evaluation of proposals, selection of most qualified, and responsive (typically the lowest) bidder and entering into an agreement and contract. The contract award shall include all project construction in accordance with Public Contracting Code and CDPH requirements. This task cannot begin until after grant execution and is 0% complete.

Construction - Mobilization and Site Preparation - This work includes contractor mobilization and initial preparation of the site for construction.

The alignments are within public right-of-ways and/or existing pipeline easements. This task cannot begin until after grant execution and is 0% complete.

Construction - Project Construction - Construction will include replacing approx. 7,500 feet of C-900, 8" water lines and installing approximately 9,100 feet of new water lines. This task cannot begin until after grant execution and is 0% complete.

Construction - Performance Testing and Demobilization - Hydrostatic pipe testing, disinfection, water quality testing, and contractor demobilization. This task cannot begin until after grant execution and is 0% complete.

Environmental Compliance/Mitigation/Enhancement - A contractor shall be responsible for any environmental mitigation measures and SWPPP in construction. This task cannot begin until after grant execution and is 0% complete.

Construction Administration - LCS&D staff will monitor construction, perform inspections, ensure labor compliance, review shop drawings/submittals, pay requests/change order review, and project closeout. This task cannot begin until after grant execution and is 0% complete.

Deliverables - Bid documents, Notice of Award, Notice to Proceed, site photos, inspector logs, record drawings, testing reports, and Notice of Completion.

LCSD Paradise Valley Water System Intertie and Consolidation Project

Below is a summary of the tasks necessary to complete the LCSD Paradise Valley Water System Intertie and Consolidation Project.

Direct Project Administration

Specific tasks related to Direct Project Administration will include Administration, Labor Compliance, and Reporting.

Administration - LCSD will be responsible for implementing the Paradise Valley pipeline water loss minimization project. This will include preparing and submitting invoices to YCFCWCD (lead Application fiscal agent) for submittal to DWR in processing grant funding requests. LCSD would be responsible for any and all project management responsibilities and coordination with its Contractors. LCSD will retain consultants as required for project permitting, design, bidding phase services, and construction services. LCSD will coordinate with consultants and stakeholders, attend meetings, and process performance measures and invoices. The work will be regularly evaluated at monthly project meetings where progress and action items on permitting, design, and/or construction issues will be reviewed will be discussed. As detailed work plans and budgets have been prepared,, Administration is approximately 15% complete.

Labor Compliance - LCSD will retain a consultant to verify labor compliance in accordance with the requirements of California Labor Code §1771.5(b). The construction contractor will be required to comply with all appropriate laws and requirements. Labor compliance will be performed during construction and therefore is currently 0% complete.

Reporting - Prepare and submit quarterly and final reports as specified in the Grant Agreement. The Quarterly Reports will explain the status of the project and will include the following information: summary of the work completed for the project during the reporting period; activities, milestones achieved, and any problems encountered in performing work; and upcoming project activities. Reporting shall begin once the grant has been awarded and is therefore 0% complete.

Deliverables - Materials needed to execute the grant agreement, payroll records, quarterly progress reports, final project report, invoices, and other deliverables as required.

Land Purchase/Easement

Not applicable. Paradise Valley intertie connection and tank will be within the existing public right-of-way or existing easements for the project alignment and tank footprint. Additional land acquisition is not required for this project. Staff or contractor shall provide verification of existing land access for project. This task is estimated to be 100% complete.

Deliverables - Verification of land access.

Planning/Design/Engineering/Environmental Documentation

Specific tasks related to Planning/Design/Engineering/Environmental Documentation will include Environmental Documentation, Design, Permitting, and Assessment and Evaluation.

Environmental Documentation - The planned route of the water line will follow State Highway 20 the water storage tank is within the subdivision. The Caltrans right-of-way and easement will be utilized. The project is exempt from CEQA under Section 15269 Emergency Project. Tribal notification has been evaluated and is not necessary. Environmental documentation is considered 100% complete.

Design - Includes design of: 1.8 miles of 8" water pipeline to create an intertie between the Paradise Valley and Clearlake Oaks water systems, and pavement replacement and a 300,000 gallon (estimated) water storage tank. The design will comply with state construction regulations and standards including CDPH drinking water, AWWA and ASTM, and consider: traffic control, proposed facility locations with respect to existing public/private utilities, pavement work, maintaining existing utilities during construction and water quality testing. This task is 80% complete.

Permitting - The encroachment permit from Caltrans has been secured. Any additional permits such as Construction General Permit for stormwater will be secured as required prior to beginning construction. Permitting is approximately 90% complete.

Assessment and Evaluation - The Lake County Special Districts staff (LCSD) conducted an assessment of water supply challenges and evaluated options to provide safe reliable water supplies to the residents. LCSD staff has collected data and information pertaining to water supply challenges with this water system including: well level data, water production, customer demand, water losses, and precipitation

data. LCSD also used consultant service support to conduct the assessment and evaluation work. The proposed project is the recommended solution. Alternatives were evaluated in the assessment and evaluation phase including the option of connecting their water system with Clearlake Oaks. This task is 100% complete.

Deliverables - Water system data, consultant documentation, staff reports, feasibility reports, design submittals (i.e., 100%), CEQA documentation, Encroachment Permit, and any other permits as necessary.

Construction/Implementation

Specific tasks will include Construction and Implementation/Environmental Compliance and Construction Administration.

Construction Contracting - Using the final bid documents, a Request for Proposal (RFP) will be prepared and advertised. RFPs are issued according to Lake County Procurement Policies and include: advertisement of RFP, public bid opening, evaluation of proposals, selection of most qualified, and responsive (typically the lowest) bidder and entering into an agreement and contract. Contract award shall include all project construction in accordance with Public Contracting Code and CDPH drinking Water requirements. City will conduct pre-bid meeting during project bidding phase. This task cannot begin until after grant execution and is 0% complete.

Construction - Subtask 10.1: Mobilization and Site Preparation - This work includes contractor mobilization and initial preparation of the site

for construction. The alignment is on public right-of-ways and/or in existing easements. This task cannot begin until after grant execution and is 0% complete.

Construction - Subtask 10.2: Project Construction - 1.8 miles of 8-inch water intertie, 300,000 gallon water storage tank, start-up testing and pavement replacement. This task cannot begin until after grant execution and is 0% complete.

Construction - Subtask 10.3 Performance Testing and Demobilization - Hydrostatic pipe testing, disinfection, water quality testing, and contractor demobilization. This task cannot begin until after grant execution and is 0% complete.

Environmental Compliance/Mitigation/Enhancement - A contractor shall be responsible for any environmental mitigation measures and SWPPP in construction. This task cannot begin until after grant execution and is 0% complete.

Construction Administration - LCSD staff will monitor construction, perform inspections, ensure labor compliance, review shop drawings/submittals, pay requests/change order review, and project closeout. This task cannot begin until after grant execution and is 0% complete.

Deliverables - Bid documents, Notice of Award, Notice to Proceed, site photos, inspector logs, record drawings, testing reports, and Notice of Completion.

Grant Administration and Application Project

Below is a summary of the tasks necessary to complete the Grant Administration and Application Project, which will be administered and managed by Yolo County Flood Control and Water Conservation District, the fiscal agent for the project proposal.

Direct Project Administration

Specific tasks related to Direct Project Administration will include Grant Application Preparation, Grant Administration, and Reporting.

Grant Application - This work included preparatory activities provided by the project proponents, fiscal agent (YCFCWCD) and consulting firm to develop and prepare the 2014 Drought Grant funding application. Work included gathering information from project proponents, conducting phone interviews with project proponents, and preparing the necessary application attachments.

Grant Administration - This work includes all of the work necessary to successfully administer the drought grant under agreement with DWR. This work includes contracting with DWR and the various project proponents, monitoring grant project progress and schedule, processing quarterly pay requests, submitting necessary progress and final reports to DWR, and ensuring compliance with performance monitoring requirements and other provisions of the executed grant agreement. YCFCWCD as the fiscal

agent will be responsible for entering into agreements with each of the project proponents, DWR, and submitting necessary reporting. YCFCWCD may contract with a consultant to complete all or portions of the work.

Reporting - Compile, prepare and submit quarterly and final reports for all projects as specified in the Grant Agreement. The Quarterly Reports will explain the status of the project and will include the following information: summary of the work completed for the project during the reporting period; activities, milestones achieved, and any problems encountered in performing work; and upcoming project activities. Reporting shall begin once the grant has been awarded and is therefore 0% complete.

Deliverables - Materials needed to execute the grant agreement, payroll records, quarterly progress reports, final project report, invoices, and other deliverables as required

Land Purchase/Easement

Not applicable for this project.

Planning/Design/Engineering/Environmental Documentation

Not applicable for this project.

Construction/Implementation

Not applicable for this project.